

< Control Commands >

Model No. **PT-DZ570U / DZ570E**
PT-DW530U/ DW530E
PT-DX500U / DX500E

CONTENTS

1. Basic Format	8
2. Basic Control Command	10
2.1. Power ON (LAMP ON).....	10
2.2. Power OFF (STNDBY)	10
2.3. FREEZE	10
2.4. AUTO SETUP.....	10
2.5. AV MUTE.....	11
2.6. INPUT SELECT	11
2.7. TEST PATTERN	11
2.8. ON SCREEN	12
2.9. MENU Key.....	12
2.10. ENTER Key	12
2.11. UP (↑) Key	12
2.12. DOWN (↓) Key	12
2.13. LEFT (←) Key.....	12
2.14. RIGHT (→) Key	13
2.15. STANDARD(DEFAULT) Key.....	13
2.16. RETURN Key	13
2.17. FUNCTION Key.....	13
2.18. SYSTEM SELECTOR.....	13
2.19. ASPECT Key	14
2.20. Numeric Key	14
2.21. STATUS key	14
2.22. COMPUTER SEARCH Key	14
2.23. MULTI-LIVE Key	14
2.24. SIDE BY SIDE Key	15

2.25.	VOLUME (+) Key	15
2.26.	VOLUME (–) Key	15
2.27.	AUDIO MUTE Key	15
2.28.	ECO Key.....	15
2.29.	DIGITAL ZOOM (+) Key	16
2.30.	DIGITAL ZOOM (–) Key	16
2.31.	INSTALLATION.....	16
2.32.	COOLING CONDITION	16
2.33.	HIGH ALTITUDE MODE	16
2.34.	LAMP POWER	17
2.35.	PROJECTOR ID	17
2.36.	FUNCTION	17
2.37.	Registering SIGNAL	19
2.38.	Registered SIGNAL Deleting	19
2.39.	SUB MEMORY Deleting	20
2.40.	SUB MEMORY CHANGE (Extended)	20
2.41.	SUB MEMORY Registering	20
2.42.	SUB MEMORY Deleting	21
2.43.	PICTURE MODE	21
2.44.	COLOR.....	21
2.45.	TINT.....	22
2.46.	COLOR TEMPERATURE	22
2.47.	WHITE BALANCE LOW - RED	22
2.48.	WHITE BALANCE LOW - GREEN	23
2.49.	WHITE BALANCE LOW - BLUE.....	23
2.50.	WHITE BALANCE HIGH - RED.....	23
2.51.	WHITE BALANCE HIGH - GREEN.....	24
2.52.	WHITE BALANCE HIGH - BLUE	24
2.53.	CONTRAST	24
2.54.	BRIGHTNESS	25
2.55.	WHITE GAIN	25
2.56.	DAYLIGHT VIEW.....	25
2.57.	SHARPNESS	26
2.58.	NOISE REDUCTION	26
2.59.	AI	26
2.60.	DIGITAL CINEMA REALITY	26
2.61.	TV SYSTEM	27
2.62.	SHIFT - Horizontal	27
2.63.	SHIFT - Vertical	27
2.64.	ASPECT	28
2.65.	ZOOM - Horizontal.....	28

2.66.	ZOOM - Vertical	29
2.67.	ZOOM – H/V	29
2.68.	ZOOM - INTERLOCKED	29
2.69.	ZOOM NODE	30
2.70.	CLOCK PHASE	30
2.71.	INPUT RESOLUTION – TOTAL DOTS	30
2.72.	INPUT RESOLUTION – DISPLAY DOTS	31
2.73.	INPUT RESOLUTION – TOTAL LINES	31
2.74.	INPUT RESOLUTION – DISPLAY LINES	31
2.75.	CLAMP POSITION	32
2.76.	KEystone	32
2.77.	SUB KEystone	33
2.78.	LINEARITY	33
2.79.	DISPLAY LANGUAGE	33
2.80.	SYSTEM SELECTOR	34
2.81.	BLANKING - Top	34
2.82.	BLANKING - Bottom	34
2.83.	BLANKING - Right	35
2.84.	BLANKING - Left	35
2.85.	FRAME RESPONSE	36
2.86.	RASTER POSITION - Horizontal	36
2.87.	RASTER POSITION – Vertical	36
2.88.	SCREEN FORMAT	37
2.89.	SCREEN POSITION Vertical	37
2.90.	SCREEN POSITION Horizontal	38
2.91.	COLOR MATCHING	38
2.92.	COLOR CORRECTION	38
2.93.	WAVEFORM MONITOR	39
2.94.	WAVEFORM MONITOR - Adjust	39
2.95.	AUTO SIGNAL	39
2.96.	AUTO SETUP - MODE	40
2.97.	AUTO SETUP - DISPLAY DOTS	40
2.98.	AUTO SETUP - POSITION ADJUST	40
2.99.	AUTO SETUP - SIGNAL LEVEL ADJUST	40
2.100.	RGB SYNC TERMINAL	41
2.101.	DVI EDID	41
2.102.	DVI SIGNAL LEVEL	41
2.103.	HDMI SIGNAL LEVEL	42
2.104.	SIDE BY SIDE	42
2.105.	SIDE BY SIDE - MODE	42
2.106.	SIDE BY SIDE – MAIN INPUT	43
2.107.	SIDE BY SIDE – SUB INPUT	43

2.108. SIDE BY SIDE – SUB INPUT CLOCK PHASE.....	43
2.109. AUDIO SETTING - VOLUME	44
2.110. AUDIO SETTING - BALANCE	44
2.111. AUDIO SETTING – IN STANDBY MODE	44
2.112. AUDIO SETTING - IN SELECT	45
2.113. SCHEDULE	45
2.114. SCHEDULE - Program	46
2.115. SCHEDULE - COMMAND	46
2.116. ECO MANAGEMENT - AUTO POWER SAVE.....	47
2.117. ECO MANAGEMENT - AMBIENT LIGHT DETECTION	47
2.118. ECO MANAGEMENT - SIGNAL DETECTION	48
2.119. ECO MANAGEMENT - AV MUTE DETECTION	48
2.120. NO SIGNAL SHUT-OFF	48
2.121. STANDBY MODE	49
2.122. ADJUST CLOCK - DATE	49
2.123. ADJUST CLOCK - TIME.....	49
2.124. ADJUST CLOCK - NTP SYNCHRONIZATION	50
2.125. OSD – INPUT GUIDE.....	50
2.126. OSD - WARNING MESSAGE.....	50
2.127. OSD - DESIGN.....	51
2.128. OSD - POSITION	51
2.129. OSD - MEMORY.....	51
2.130. STARTUP LOGO	51
2.131. BACK COLOR	52
2.132. CLOSED CAPTION SETTING	52
2.133. WIRELESS LAN	52
2.134. Query Power.....	52
2.135. Query FREEZE.....	53
2.136. Query AV MUTE	53
2.137. Query INPUT SELECT	53
2.138. Query TEST PATTERN.....	53
2.139. Query ON SCREEN.....	54
2.140. Query INSTALLATION	54
2.141. Query COOLING CONDITION	54
2.142. Query HIGH ALTITUDE MODE	55
2.143. Query PROJECTOR RUNTIME.....	55
2.144. Query LAMP RUNTIME	55
2.145. Query LAMP STATUS.....	55
2.146. Query LAMP POWER.....	56
2.147. Query LAMP ON - OFF	56
2.148. Query FUNCTION	56
2.149. Query SUB MEMORY	58

2.150. Query PICTURE MODE	58
2.151. Query COLOR	59
2.152. Query TINT	59
2.153. Query COLOR TEMPERATURE	59
2.154. Query WHITE BALANCE LOW - RED	60
2.155. Query WHITE BALANCE LOW - GREEN	60
2.156. Query WHITE BALANCE LOW - BLUE	60
2.157. Query WHITE BALANCE HIGH - RED	60
2.158. Query WHITE BALANCE HIGH - GREEN	61
2.159. Query WHITE BALANCE HIGH - BLUE	61
2.160. Query CONTRAST	61
2.161. Query BRIGHTNESS	61
2.162. Query WHITE GAIN	62
2.163. Query DAYLIGHT VIEW	62
2.164. Query SHARPNESS	62
2.165. Query NOISE REDUCTION	63
2.166. Query AI	63
2.167. Query DIGITAL CINEMA REALITY	63
2.168. Query TV SYSTEM	63
2.169. Query SHIFT - Horizontal	64
2.170. Query SHIFT - Vertical	64
2.171. Query RASTER POSITION - Horizontal	64
2.172. Query RASTER POSITION – Vertical	64
2.173. Query ASPECT	65
2.174. Query ZOOM - Horizontal	65
2.175. Query ZOOM - Vertical	66
2.176. Query ZOOM – H/V	66
2.177. Query ZOOM - INTERLOCKED	66
2.178. Query ZOOM NODE	66
2.179. Query CLOCK PHASE	67
2.180. Query INPUT RESOLUTION – TOTAL DOTS	67
2.181. Query INPUT RESOLUTION – DISPLAY DOTS	67
2.182. Query INPUT RESOLUTION – TOTAL LINES	68
2.183. Query INPUT RESOLUTION – DISPLAY LINES	68
2.184. Query BLANKING - Top	68
2.185. Query BLANKING - Bottom	69
2.186. Query BLANKING - Right	69
2.187. Query BLANKING - Left	69
2.188. Query FRAME RESPONSE	70
2.189. Query COLOR MATCHING	70
2.190. Query COLOR CORRECTION	70
2.191. Query CLAMP POSITION	71

2.192. Query KEYSTONE	71
2.193. Query SUB KEYSTONE	71
2.194. Query LINEARITY	72
2.195. Query DISPLAY LANGUAGE	72
2.196. Query SCREEN FORMAT	72
2.197. Query SCREEN POSITION Vertical	72
2.198. Query SCREEN POSITION Horizontal	73
2.199. Query TEMPERATURE	73
2.200. Query DATE	74
2.201. Query TIME	74
2.202. Query CLOCK - NTP SYNCHRONIZATION	74
2.203. Query MODEL NAME	74
2.204. Query SYSTEM SELECTOR	75
2.205. Query WAVEFORM MONITOR	75
2.206. Query WAVEFORM MONITOR - Line position	75
2.207. Query AUTO SIGNAL	76
2.208. Query AUTO SETUP - MODE	76
2.209. Query AUTO SETUP - DISPLAY DOTS	76
2.210. Query AUTO SETUP - POSITION ADJUST	76
2.211. Query AUTO SETUP - SIGNAL LEVEL ADJUST	77
2.212. Query RGB SYNC TERMINAL	77
2.213. Query DVI EDID	77
2.214. Query DVI SIGNAL LEVEL	78
2.215. Query HDMI SIGNAL LEVEL	78
2.216. Query SIDE BY SIDE	78
2.217. Query SIDE BY SIDE – MAIN INPUT	78
2.218. Query SIDE BY SIDE – SUB INPUT	79
2.219. Query SIDE BY SIDE – SUB INPUT CLOCK PHASE	79
2.220. Query SIDE BY SIDE - MODE	80
2.221. Query AUDIO SETTING - VOLUME	80
2.222. Query AUDIO SETTING - BALANCE	80
2.223. Query AUDIO SETTING – IN STANDBY MODE	81
2.224. Query AUDIO SETTING - IN SELECT	81
2.225. Query SCHEDULE	82
2.226. Query SCHEDULE - Program	82
2.227. Query SCHEDULE - COMMAND	82
2.228. Query ECO MANAGEMENT - AUTO POWER SAVE	83
2.229. Query ECO MANAGEMENT - AMBIENT LIGHT DETECTION	84
2.230. Query ECO MANAGEMENT - SIGNAL DETECTION	84
2.231. Query ECO MANAGEMENT - AV MUTE DETECTION	84
2.232. Query NO SIGNAL SHUT-OFF	84
2.233. Query STANDBY MODE	85

2.234. Query OSD - INPUT GUIDE	85
2.235. Query OSD - WARNING MESSAGE	85
2.236. Query OSD - DESIGN	86
2.237. Query OSD - POSITION	86
2.238. Query OSD - MEMORY	86
2.239. Query STARTUP LOGO	86
2.240. Query BACK COLOR	87
2.241. Query CLOSED CAPTION SETTING	87
2.242. Query SERIAL NUMBER	87
2.243. Query Query Lamp unit Part No.	87
2.244. Query MAIN-CPU Software Version	88
2.245. Query NETWORK-CPU Software Version	88
2.246. Query SUB-CPU Software Version	88
3. Extended Control Command	89
3.1. SELF CHECK Information	90

1. Basic Format

Transmission from the computer begins with STX, and then the command, parameter and ETX are set in order.

Add parameters according to the details of control.

Basic control command (without parameter)

Start (STX)	ID	Separator (semicolon)	Command	End (ETX)
1 byte	4 bytes	1 byte	3 bytes	1 byte

Basic control command (with parameter)

Start (STX)	ID	Separator (semicolon)	Command	Separator (Colon)	Parameters	End (ETX)
1 byte	4 bytes	1 byte	3 bytes	1 byte	Undefined length	1 byte

Basic control command (subcommand)

Start (STX)	ID	Separator (semicolon)	Command	Separator (colon)		
1 byte	4 bytes	1 byte	3 bytes	1 byte		
Subcommand		Operation	Sign	Parameter		END (ETX)
5 bytes		1 byte	1 byte	5 bytes		1 byte

Operation

Specifies method of processing the value specified by parameters.

Code	Description
=	Sets the value specified by parameters.
_(underbar)	Adds the value specified by the parameters to the current value.

Sign

Specifies positive or negative of the value specified by parameters.

Code	Description
+	The value specified by the parameter is a positive value or 0 (zero).
-	The value specified by the parameter is a negative value.

Parameter

Specify the setting or adjustment value by right justification (0 is not suppressed).

For example, when the setting value is "1", set is as "00001".

ID of the basic control command

ID	4 bytes String	ID	4 bytes String	ID	4 bytes String
ID All	ADZZ	ID23	AD23	ID46	AD46
ID1	AD01	ID24	AD24	ID47	AD47
ID2	AD02	ID25	AD25	ID48	AD48
ID3	AD03	ID26	AD26	ID49	AD49
ID4	AD04	ID27	AD27	ID50	AD50
ID5	AD05	ID28	AD28	ID51	AD51
ID6	AD06	ID29	AD29	ID52	AD52
ID7	AD07	ID30	AD30	ID53	AD53
ID8	AD08	ID31	AD31	ID54	AD54
ID9	AD09	ID32	AD32	ID55	AD55
ID10	AD10	ID33	AD33	ID56	AD56
ID11	AD11	ID34	AD34	ID57	AD57
ID12	AD12	ID35	AD35	ID58	AD58
ID13	AD13	ID36	AD36	ID59	AD59
ID14	AD14	ID37	AD37	ID60	AD60
ID15	AD15	ID38	AD38	ID61	AD61
ID16	AD16	ID39	AD39	ID62	AD62
ID17	AD17	ID40	AD40	ID63	AD63
ID18	AD18	ID41	AD41	ID64	AD64
ID19	AD19	ID42	AD42		
ID20	AD20	ID43	AD43		
ID21	AD21	ID44	AD44		
ID22	AD22	ID45	AD45		

Response (Callback) of the basic control command

In the period when the command can be accepted

Differs according to each command

In the period when the command cannot be accepted

Hexadecimal	02h	45h	52h	34h	30h	31h	03h
Character		E	R	4	0	1	

In case of the parameter error or REMOTE2 effective

Hexadecimal	02h	45h	52h	34h	30h	32h	03h
Character		E	R	4	0	2	

Attention:

- No command may be sent or received for 10 to 60 seconds after the lamp starts lighting. They sending any command after that period has elapsed.
- When sending several commands, be sure to wait for a response from the projector, and send the next command after 0.5 seconds or more pass.
- It might take time by the time the response returns because the command is processed in the projector. Set the time- out to 10 seconds or longer

Note:

- This projector will respond to the computer only in the following case:
If sent ID coincides with projector ID.
RESPONSE (ID ALL) in RS232C settings of this projector is ON and the sent ID is ALL, or If Group (A-Z) of the sent ID coincides with GROUP in RS232 settings of this projector and RESPONSE(ID GROUP) in RS232C settings of this projector is ON.

2. Basic Control Command

Explanatory notes

- : Enable
- × : Disable
- : Refer to the note.

2.1. Power ON (LAMP ON)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	4Eh	03h
Character		A	D	Z	Z	;	P	O	N	

■Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included.)

Hexadecimal	02h	50h	4Fh	4Eh	03h
Character		P	O	N	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	□

■Note:

- When you confirm whether to have succeeded in power-on, confirm it by QPW (Query Power) command after receiving the callback of PON command.
- REMOTE2 is given to priority. Calls back ER401 when the parameter is different from the setting of REMOTE2.

2.2. Power OFF (STNDBY)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	46h	03h
Character		A	D	Z	Z	;	P	O	F	

■Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included.)

Hexadecimal	02h	50h	4Fh	46h	03h
Character		P	O	F	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	□

■Note:

- When you confirm whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of PON command.
- REMOTE2 is given to priority. Calls back ER401 when the parameter is different from the setting of REMOTE2.

2.3. FREEZE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	5Ah	3Ah	*1	03h
Character		A	D	Z	Z	;	O	F	Z	:	*2	

■Parameters (*1,*2)

	Freeze OFF	Freeze ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	5Ah	3Ah	*1	03h
Character		O	F	Z	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	×	×	×	×	○	○	○

2.4. AUTO SETUP

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	53h	03h
Character		A	D	Z	Z	;	O	A	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	53h	03h
Character		O	A	S	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	×	×	×	×	○	×	○

■Note:

- This command is acceptable only when analog RGB/DVI signals (except a part of high dot clock signals) are input. In other cases, ER401 is returned.

2.5. AV MUTE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	48h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	S	H	:	*2	

■Parameters(*1,*2)

	AV Mute OFF	AV Mute ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	48h	3Ah	*1	03h
Character		O	S	H	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	□

■Note:

- REMOTE2 is given to priority. Calls back ER401 when the parameter is different from the setting of REMOTE2.

2.6. INPUT SELECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	49h	49h	53h	3Ah
Character		A	D	Z	Z	;	I	I	S	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	RGB1			RGB2			Video		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h
Character	R	G	1	R	G	2	V	I	D
	S-Video			DVI			HDMI		
Hexadecimal	53h	56h	44h	44h	56h	49h	48h	44h	30h
Character	S	V	D	D	V	I	H	D	1
	NETWORK			RGB toggle			VIDEO toggle		
Hexadecimal	4Eh	57h	50h	52h	47h	42h	54h	56h	44h
Character	N	W	P	R	G	B	T	V	D

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	49h	53h	3Ah	*1	*3	*5	03h
Character		I	I	S	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	○	×	○	○	○	○	□

■Note:

- REMOTE2 is given to priority. Calls back Er402 if the input select of REMOTE2 is available.

2.7. TEST PATTERN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	54h	53h	3Ah
Character		A	D	Z	Z	;	O	T	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	OFF		White		Black		Flag		Reversed Flag	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	Window		Reversed Window		Focus		Color bar (V)		Lamp	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	30h	39h
Character	0	5	0	6	0	7	0	8	0	9
	Red		Green		Blue		White 10%I		White 5%	
Hexadecimal	32h	32h	32h	33h	32h	34h	32h	35h	32h	36h
Character	2	2	2	3	2	4	2	5	2	6
	Cyan		Magenta		Yellow		CW INDEX		Color bar (H)	
Hexadecimal	32h	38h	32h	39h	33h	30h	34h	31h	35h	31h
Character	2	8	2	9	3	0	4	1	5	1
	White 20%		White 30%							
Hexadecimal	35h	33h	35h	34h						
Character	5	3	5	4						

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	53h	3Ah	*1	*3	03h
Character		O	T	S	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	○	×	○	○

2.8. ON SCREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Fh	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	O	S	:	*2	

■Parameters(*1,*2)

	OSD OFF	OSD ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Fh	53h	3Ah	*1	03h
Character		O	O	S	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	o	o	o

2.9. MENU Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Dh	4Eh	03h
Character		A	D	Z	Z	;	O	M	N	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	4Eh	03h
Character		O	M	N	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	o	x	o	o	o

2.10. ENTER Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	4Eh	03h
Character		A	D	Z	Z	;	O	E	N	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	4Eh	03h
Character		O	E	N	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	o	x	o	x	o	o	o

2.11. UP (↑) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	55h	03h
Character		A	D	Z	Z	;	O	C	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	55h	03h
Character		O	C	U	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	o	x	o	o	o

2.12. DOWN (↓) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	44h	03h
Character		A	D	Z	Z	;	O	C	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	44h	03h
Character		O	C	D	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	o	x	o	o	o

2.13. LEFT (←) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	4Ch	03h
Character		A	D	Z	Z	;	O	C	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	4Ch	03h
Character		O	C	L	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	o	x	o	o	o

2.14. RIGHT (→) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	52h	03h
Character		A	D	Z	Z	;	O	C	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	52h	03h
Character		O	C	R	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	×	○	○	○

2.15. STANDARD(DEFAULT) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	54h	03h
Character		A	D	Z	Z	;	O	S	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	54h	03h
Character		O	S	T	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○	○

2.16. RETURN Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	42h	4Bh	03h
Character		A	D	Z	Z	;	O	B	K	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	42h	4Bh	03h
Character		O	B	K	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

2.17. FUNCTION Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	46h	43h	*1	03h
Character		A	D	Z	Z	;	F	C	*2	

■Parameters(*1,*2)

	Function 1	Function 2	Function 3
Hexadecimal	31h	32h	33h
Character	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	43h	*1	03h
Character		F	C	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	×	×	□	□	○	□	□

■Note:

- Acceptability is applied corresponding to the function assigned in the FUNCTION key.

2.18. SYSTEM SELECTOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	4Ch	03h
Character		A	D	Z	Z	;	O	S	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	4Ch	03h
Character		O	S	L	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○	○

2.19. ASPECT Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	31h	03h
Character		A	D	Z	Z	;	V	S	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	31h	03h
Character		V	S	1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	o	o	o

2.20. Numeric Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Eh	4Bh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	N	K	:	*2	

■Parameters(*1,*2)

	0 key	1 key	2 key	3 key	4 key	5 key	6 key	7 key	8 key	9 key
Hexadecimal	30h	31h	32h	33h	34h	35h	36h	37h	38h	39h
Character	0	1	2	3	4	5	6	7	8	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Eh	4Bh	3Ah	*1	03h
Character		O	N	K	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	o	x	o	o	o

2.21. STATUS key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	54h	53h	03h
Character		A	D	Z	Z	;	S	T	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	53h	03h
Character		S	T	S	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	o	o	o

2.22. COMPUTER SEARCH Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	50h	43h	03h
Character		A	D	Z	Z	;	O	P	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	43h	03h
Character		O	P	C	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	x	x	o

2.23. MULTI-LIVE Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Dh	4Ch	03h
Character		A	D	Z	Z	;	O	M	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	4Ch	03h
Character		O	M	L	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	x	x	o

2.24. SIDE BY SIDE Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	57h	03h
Character		A	D	Z	Z	;	O	D	W	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	57h	03h
Character		O	D	W	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	x	x	o

2.25. VOLUME (+) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	55h	55h	03h
Character		A	D	Z	Z	;	A	U	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	55h	55h	03h
Character		A	U	U	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	□	x	o	x	o	o	o

2.26. VOLUME (−) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	55h	44h	03h
Character		A	D	Z	Z	;	A	U	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	55h	44h	03h
Character		A	U	D	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	□	x	o	x	o	o	o

2.27. AUDIO MUTE Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	4Dh	54h	3Ah	*1	03h
Character		A	D	Z	Z	;	A	M	T	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	4Dh	54h	3Ah	*1	03h
Character		A	M	T	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	□	x	o	x	o	o	o

2.28. ECO Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	43h	03h
Character		A	D	Z	Z	;	O	E	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	43h	03h
Character		O	E	C	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	x	o	o	o

2.29. DIGITAL ZOOM (+) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	5Ah	55h	03h
Character		A	D	Z	Z	;	D	Z	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	55h	03h
Character		D	Z	U	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	x	o	x	o

2.30. DIGITAL ZOOM (−) Key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	5Ah	44h	03h
Character		A	D	Z	Z	;	D	Z	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	44h	03h
Character		D	Z	D	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	x	o	x	o

2.31. INSTALLATION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	49h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	O	I	L	:	*2	

■Parameters(*1,*2)

	Front / Floor		Rear / Floor		Front / Ceiling		Rear / Ceiling	
Hexadecimal	30h		31h		32h		33h	
Character	0		1		2		3	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	49h	4Ch	3Ah	*1	03h
Character		O	I	L	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.32. COOLING CONDITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	52h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	D	R	:	*2	

■Parameters(*1,*2)

	Floor Setting		Ceiling Setting		Vertical Up Setting		Vertical Down Setting	
Hexadecimal	30h		31h		32h		33h	
Character	0		1		2		3	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	52h	3Ah	*1	03h
Character		O	D	R	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.33. HIGH ALTITUDE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	F	M	:	*2	

Parameters(*1,*2)

	OFF		ON	
Hexadecimal	30h		31h	
Character	0		1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	4Dh	3Ah	*1	03h
Character		O	F	M	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.34. LAMP POWER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	L	P	:	*2	

■Parameters(*1,*2)

	Normal	ECO
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	50h	3Ah	*1	03h
Character		O	L	P	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.35. PROJECTOR ID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	52h	49h	53h	3Ah
Character		A	D	Z	Z	;	R	I	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

Parameters(*1,*2,*3,*4)

	0 (ALL)		1		2	
Hexadecimal	30h	30h	30h	31h	30h	32h
Character	0	0	0	1	0	2
	62		63		64	
Hexadecimal	36h	32h	36h	33h	36h	34h
Character	6	2	6	3	6	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	49h	53h	3Ah	*1	*3	03h
Character		R	I	S	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- When EXTEND PROJECTOR ID is "on", 7-64 are effective.

2.36. FUNCTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	46h	4Eh	43h	49h	*1	3Dh	2Bh	*3	*5	*7
Character	F	N	C	I	*2	=	+	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2)

	FUNCTION1	FUNCTION2	FUNCTION3
Hexadecimal	30h	31h	32h
Character	0	1	2

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	DISABLE					PICTURE menu					POSITION menu				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	ADVANCED menu					LANGUAGE menu					DISPLAY OPTION menu				
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5
	PROJECTOR SETUP menu					TEST PATTERN menu					SIGNALL LIST menu				
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h	30h	30h	30h	30h	38h
Character	0	0	0	0	6	0	0	0	0	7	0	0	0	0	8
	SECURITY menu					NETWORK menu					PICTURE MODE				
Hexadecimal	30h	30h	30h	30h	39h	30h	30h	30h	31h	30h	30h	30h	30h	31h	31h
Character	0	0	0	0	9	0	0	0	1	0	0	0	0	1	1
	CONTRAST					BRIGHTNESS					COLOR				
Hexadecimal	30h	30h	30h	31h	32h	30h	30h	30h	31h	33h	30h	30h	30h	31h	34h
Character	0	0	0	1	2	0	0	0	1	3	0	0	0	1	4
	TINT					COLOR TEMPERATURE					WHITE GAIN				
Hexadecimal	30h	30h	30h	31h	35h	30h	30h	30h	31h	36h	30h	30h	30h	31h	37h
Character	0	0	0	1	5	0	0	0	1	6	0	0	0	1	7
	SHARPNESS					NOISE REDUCTION					AI				
Hexadecimal	30h	30h	30h	31h	38h	30h	30h	30h	31h	39h	30h	30h	30h	32h	30h
Character	0	0	0	1	8	0	0	0	1	9	0	0	0	2	0

	DAYLIGHT VIEW					SYSTEM SELECTOR					SHIFT				
Hexadecimal	30h	30h	30h	32h	31h	30h	30h	30h	32h	32h	30h	30h	30h	32h	33h
Character	0	0	0	2	1	0	0	0	2	2	0	0	0	2	3
	ASPECT					ZOOM					CLOCK PHASE				
Hexadecimal	30h	30h	30h	32h	34h	30h	30h	30h	32h	35h	30h	30h	30h	32h	36h
Character	0	0	0	2	4	0	0	0	2	5	0	0	0	2	6
	KEYSTONE					ZOOM mode					ZOOM INTERLOCKED				
Hexadecimal	30h	30h	30h	32h	37h	30h	30h	30h	32h	39h	30h	30h	30h	32h	39h
Character	0	0	0	2	7	0	0	0	2	8	0	0	0	2	9
	ZOOM VERTICAL					ZOOM HORIZONTAL					ZOOM BOTH(H/V)				
Hexadecimal	30h	30h	30h	33h	30h	30h	30h	30h	33h	31h	30h	30h	30h	33h	32h
Character	0	0	0	3	0	0	0	0	3	1	0	0	0	3	2
	KEYSTONE					SUB KEYSTONE					LINEARITY				
Hexadecimal	30h	30h	30h	33h	33h	30h	30h	30h	33h	34h	30h	30h	30h	33h	35h
Character	0	0	0	3	3	0	0	0	3	4	0	0	0	3	5
	DIGITAL CINEMA REALITY					BLANKING					INPUT RESOLUTION				
Hexadecimal	30h	30h	30h	33h	36h	30h	30h	30h	33h	37h	30h	30h	30h	33h	38h
Character	0	0	0	3	6	0	0	0	3	7	0	0	0	3	8
	CLAMP POSITION					FRAME RESPONSE					RASTER POSITION				
Hexadecimal	30h	30h	30h	33h	39h	30h	30h	30h	34h	30h	30h	30h	30h	34h	31h
Character	0	0	0	3	9	0	0	0	4	0	0	0	0	4	1
	BLANKING (top)					BLANKING (bottom)					BLANKING (left)				
Hexadecimal	30h	30h	30h	34h	32h	30h	30h	30h	34h	33h	30h	30h	30h	34h	34h
Character	0	0	0	4	2	0	0	0	4	3	0	0	0	4	4
	BLANKING (right)					TOTAL DOTS					DISPLAY DOTS				
Hexadecimal	30h	30h	30h	34h	35h	30h	30h	30h	34h	36h	30h	30h	30h	34h	37h
Character	0	0	0	4	5	0	0	0	4	6	0	0	0	4	7
	TOTAL LINES					DISPLAY LINES					COLOR MATCHING				
Hexadecimal	30h	30h	30h	34h	38h	30h	30h	30h	34h	39h	30h	30h	30h	35h	30h
Character	0	0	0	4	8	0	0	0	4	9	0	0	0	5	0
	COLOR CORRECTION					SCREEN SETTING					WAVEFORM MONITOR				
Hexadecimal	30h	30h	30h	35h	31h	30h	30h	30h	35h	32h	30h	30h	30h	35h	33h
Character	0	0	0	5	1	0	0	0	5	2	0	0	0	5	3
	AUTO SIGNAL					AUTO SETUP					RGB IN				
Hexadecimal	30h	30h	30h	35h	34h	30h	30h	30h	35h	35h	30h	30h	30h	35h	36h
Character	0	0	0	5	4	0	0	0	5	5	0	0	0	5	6
	DVI-D IN					HDMI IN					ON-SCREEN DISPLAY				
Hexadecimal	30h	30h	30h	35h	37h	30h	30h	30h	35h	38h	30h	30h	30h	35h	39h
Character	0	0	0	5	7	0	0	0	5	8	0	0	0	5	9
	CLOSED CAPTION SETTING					BACK COLOR					STARTUP LOGO				
Hexadecimal	30h	30h	30h	36h	30h	30h	30h	30h	36h	31h	30h	30h	30h	36h	32h
Character	0	0	0	6	0	0	0	0	6	1	0	0	0	6	2
	SUB MEMORY LIST					FREEZE					SIDE BY SIDE				
Hexadecimal	30h	30h	30h	36h	33h	30h	30h	30h	36h	34h	30h	30h	30h	36h	35h
Character	0	0	0	6	3	0	0	0	6	4	0	0	0	6	5
	SCREEN FORMAT					SCREEN POSITION					AUTO SETUP mode				
Hexadecimal	30h	30h	30h	36h	36h	30h	30h	30h	36h	37h	30h	30h	30h	36h	38h
Character	0	0	0	6	6	0	0	0	6	7	0	0	0	6	8
	POSITION ADJUST					SIGNAL LEVEL ADJUST					RGB1 SYNC TERMINAL				
Hexadecimal	30h	30h	30h	36h	39h	30h	30h	30h	37h	30h	30h	30h	30h	37h	31h
Character	0	0	0	6	9	0	0	0	7	0	0	0	0	7	1
	RGB2 SYNC TERMINAL					DVI EDID					DVI SIGNAL LEVEL				
Hexadecimal	30h	30h	30h	37h	32h	30h	30h	30h	37h	33h	30h	30h	30h	37h	34h
Character	0	0	0	7	2	0	0	0	7	3	0	0	0	7	4
	HDMI SIGNAL LEVEL					OSD POSITION					OSD DESIGN				
Hexadecimal	30h	30h	30h	37h	35h	30h	30h	30h	37h	36h	30h	30h	30h	37h	37h
Character	0	0	0	7	5	0	0	0	7	6	0	0	0	7	7
	OSD MEMORY					INPUT GUIDE					WARNING MESSAGE				
Hexadecimal	30h	30h	30h	37h	38h	30h	30h	30h	37h	39h	30h	30h	30h	38h	30h
Character	0	0	0	7	8	0	0	0	7	9	0	0	0	8	0
	CLOSED CAPTION ON/OFF					CLOSED CAPTION mode					PROJECTOR ID				
Hexadecimal	30h	30h	30h	38h	31h	30h	30h	30h	38h	32h	30h	30h	30h	38h	33h
Character	0	0	0	8	1	0	0	0	8	2	0	0	0	8	3
	INSTALLATION					COOLING CONDITION					HIGH ALTITUDE MODE				
Hexadecimal	30h	30h	30h	38h	34h	30h	30h	30h	38h	35h	30h	30h	30h	38h	36h
Character	0	0	0	8	4	0	0	0	8	5	0	0	0	8	6
	LAMP POWER					ECO MANAGEMENT					SCHEDULE				
Hexadecimal	30h	30h	30h	38h	37h	30h	30h	30h	38h	38h	30h	30h	30h	38h	39h
Character	0	0	0	8	7	0	0	0	8	8	0	0	0	8	9
	RS-232C					REMOTE mode					AUDIO SETTING				
Hexadecimal	30h	30h	30h	39h	30h	30h	30h	30h	39h	31h	30h	30h	30h	39h	32h
Character	0	0	0	9	0	0	0	0	9	1	0	0	0	9	2

	STATUS					DATE and TIME					AUTO POWER SAVE				
Hexadecimal	30h	30h	30h	39h	33h	30h	30h	30h	39h	34h	30h	30h	30h	39h	35h
Character	0	0	0	9	3	0	0	0	9	4	0	0	0	9	5
	AMBIENT LIGHT DETECTION					SIGNAL DETECTION					AV MUTE DETECTION				
Hexadecimal	30h	30h	30h	39h	36h	30h	30h	30h	39h	37h	30h	30h	30h	39h	38h
Character	0	0	0	9	6	0	0	0	9	7	0	0	0	9	8
	NO SIGNAL SHUT-OFF					STANDBY MODE					BAUDRATE				
Hexadecimal	30h	30h	30h	39h	39h	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	0	9	9	0	0	1	0	0	0	0	1	0	1
	PARITY					EMULATE					VOLUME				
Hexadecimal	30h	30h	31h	30h	32h	30h	30h	31h	30h	33h	30h	30h	31h	30h	34h
Character	0	0	1	0	2	0	0	1	0	3	0	0	1	0	4
	AUDIO BALANCE					AUDIO in STANDBY mode					AUDIO IN SELECT (VIDEO)				
Hexadecimal	30h	30h	31h	30h	35h	30h	30h	31h	30h	36h	30h	30h	31h	30h	37h
Character	0	0	1	0	5	0	0	1	0	6	0	0	1	0	7
	AUDIO IN SELECT (S-VIDEO)					AUDIO IN SELECT (RGB1)					AUDIO IN SELECT (RGB2)				
Hexadecimal	30h	30h	31h	30h	38h	30h	30h	31h	30h	39h	30h	30h	31h	31h	30h
Character	0	0	1	0	8	0	0	1	0	9	0	0	1	1	0
	AUDIO IN SELECT (DVI-D)					AUDIO IN SELECT (HDMI)					AUDIO IN SELECT (NETWORK)				
Hexadecimal	30h	30h	31h	31h	31h	30h	30h	31h	31h	32h	30h	30h	31h	31h	33h
Character	0	0	1	1	1	0	0	1	1	2	0	0	1	1	3
	TIME ZONE					ADJUST CLOCK					PROJECTOR NAME				
Hexadecimal	30h	30h	31h	31h	34h	30h	30h	31h	31h	35h	30h	30h	31h	31h	36h
Character	0	0	1	1	4	0	0	1	1	5	0	0	1	1	6
	WIRED LAN					WIRELESS LAN					LIVE MODE CUT IN				
Hexadecimal	30h	30h	31h	31h	37h	30h	30h	31h	31h	38h	30h	30h	31h	31h	39h
Character	0	0	1	1	7	0	0	1	1	8	0	0	1	1	9
	NETWORK PASSWORD					NETWORK PASSWORD CHANGE					LIVE MODE CUT IN				
Hexadecimal	30h	30h	31h	32h	30h	30h	30h	31h	32h	31h	30h	30h	31h	32h	32h
Character	0	0	1	2	0	0	0	1	2	1	0	0	1	2	2
	COMPUTER SEARCH					MULTI-LIVE					NETWORK STATUS				
Hexadecimal	30h	30h	31h	32h	33h	30h	30h	31h	32h	34h	30h	30h	31h	32h	35h
Character	0	0	1	2	3	0	0	1	2	4	0	0	1	2	5

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h	*1
Character		V	X	X	:	F	N	C	I	*2
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	03h		
Character	=	+	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.37. Registering SIGNAL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	4Dh	03h
Character		A	D	Z	Z	;	O	E	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	4Dh	03h
Character		O	E	M	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.38. Registered SIGNAL Deleting

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	4Dh	3Ah
Character		A	D	Z	Z	;	O	D	M	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	A1		A2		A3		A4		A7		A8	
Hexadecimal	41h	31h	41h	32h	41h	37h	41h	38h	41h	37h	41h	38h
Character	A	1	A	2	A	7	A	8	A	7	A	8
	B1		B2		L5		L6		L7		L8	
Hexadecimal	42h	31h	4Ch	35h	4Ch	37h	4Ch	38h	4Ch	37h	4Ch	38h
Character	B	1	L	5	L	7	L	8	L	7	L	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	4Dh	3Ah	*1	*3	03h
Character		O	D	M	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	o	o	o

2.39. SUB MEMORY Deleting

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	53h	3Ah
Character		A	D	Z	Z	;	O	C	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

“nn” of SUB MEMORY No. (mm-nn)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	53h	3Ah	*1	*3	03h
Character		O	C	S	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.40. SUB MEMORY CHANGE (Extended)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	53h	3Ah
Character		A	D	Z	Z	;	O	C	S	:
Hexadecimal	*1	*3	2Dh	*5	*7	03h				
Character	*2	*4	-	*6	*8					

■Parameters

“mm” of SUB MEMORY No. (mm-nn) (*1,*2,*3,*4)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	92		93		94		95	
Hexadecimal	39h	32h	39h	33h	39h	34h	39h	35h
Character	9	2	9	3	9	4	9	5

“nn” of SUB MEMORY No. (mm-nn) (*5,*6,*7,*8)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	53h	3Ah	*1	*3	2Dh
Character		O	C	S	:	*2	*4	-
Hexadecimal	*5	*7	03h					
Character	*6	*8						

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.41. SUB MEMORY Registering

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	53h	03h
Character		A	D	Z	Z	;	O	E	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	53h	03h
Character		O	E	S	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.42. SUB MEMORY Deleting

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	53h	3Ah
Character		A	D	Z	Z	:	O	D	S	:
Hexadecimal	*1	*3	2Dh	*5	*7	03h				
Character	*2	*4	-	*6	*8					

■Parameters

“mm” of SUB MEMORY No. (mm-nn) (*1,*2,*3,*4)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	92		93		94		95	
Hexadecimal	39h	32h	39h	33h	39h	34h	39h	35h
Character	9	2	9	3	9	4	9	5

“nn” of SUB MEMORY No. (mm-nn) (*5,*6,*7,*8)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	53h	3Ah	*1	*3	2Dh
Character		O	D	S	:	*2	*4	-
Hexadecimal	*5	*7	03h					
Character	*6	*8						

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	o	o	o

2.43. PICTURE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	50h	4Dh	3Ah
Character		A	D	Z	Z	:	V	P	M	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	NATURAL			STANDARD			DYNAMIC		
Hexadecimal	4Eh	41h	54h	53h	54h	44h	44h	59h	4Eh
Character	N	A	T	S	T	D	D	Y	N
	CINEMA			GRAPHIC			DICOM SIM.		
Hexadecimal	43h	49h	4Eh	47h	52h	41h	44h	49h	43h
Character	C	I	N	G	R	A	D	I	C
	REC709								
Hexadecimal	37h	30h	39h						
Character	7	0	9						

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	50h	4Dh	3Ah	*1	*3	*5	03h
Character		V	P	M	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.44. COLOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Fh	3Ah
Character		A	D	Z	Z	:	V	C	O	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Fh	3Ah	*1	*3	*5	03h
Character		V	C	O	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.45. TINT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	4Eh	3Ah
Character		A	D	Z	Z	;	V	T	N	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	4Eh	3Ah	*1	*3	*5	03h
Character		V	T	N	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.46. COLOR TEMPERATURE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	54h	45h	3Ah
Character		A	D	Z	Z	;	O	T	E	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	DEFAULT		MIDDLE		HIGH		USER	
Hexadecimal	31h	30h	30h	31h	30h	32h	30h	34h
Character	1	0	0	1	0	2	0	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	45h	3Ah	*1	*3	03h
Character		O	T	E	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.47. WHITE BALANCE LOW - RED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	52h	3Ah
Character		A	D	Z	Z	;	V	O	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	52h	3Ah	*1	*3	*5	03h
Character		V	O	R	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.48. WHITE BALANCE LOW - GREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	47h	3Ah
Character		A	D	Z	Z	;	V	O	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	47h	3Ah	*1	*3	*5	03h
Character		V	O	G	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.49. WHITE BALANCE LOW - BLUE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	42h	3Ah
Character		A	D	Z	Z	;	V	O	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	42h	3Ah	*1	*3	*5	03h
Character		V	O	B	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.50. WHITE BALANCE HIGH - RED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	52h	3Ah
Character		A	D	Z	Z	;	V	H	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	52h	3Ah	*1	*3	*5	03h
Character		V	H	R	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.51. WHITE BALANCE HIGH - GREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	47h	3Ah
Character		A	D	Z	Z	;	V	H	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	47h	3Ah	*1	*3	*5	03h
Character		V	H	G	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.52. WHITE BALANCE HIGH - BLUE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	42h	3Ah
Character		A	D	Z	Z	;	V	H	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	42h	3Ah	*1	*3	*5	03h
Character		V	H	B	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.53. CONTRAST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Eh	3Ah
Character		A	D	Z	Z	;	V	C	N	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Eh	3Ah	*1	*3	*5	03h
Character		V	C	N	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.54. BRIGHTNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	42h	52h	3Ah
Character		A	D	Z	Z	;	V	B	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	42h	52h	3Ah	*1	*3	*5	03h
Character		V	B	R	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.55. WHITE GAIN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	57h	48h	3Ah
Character		A	D	Z	Z	;	V	W	H	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	0			1			2		
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	32h	
Character	0	0	0	1	0	2	0	2	
	8			9			10		
Hexadecimal	30h	38h	30h	39h	31h	30h	30h	30h	
Character	0	8	0	9	1	0	0	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	48h	3Ah	*1	*3	03h
Character		V	W	H	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.56. DAYLIGHT VIEW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Ch	56h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	D	L	V	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					AUTO					1 (Low)				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	2 (Medium)					3 (High)									
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h					
Character	0	0	0	0	3	0	0	0	0	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4C	56h	49h	30h
Character		V	X	X	:	D	L	V	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

■Note:

- "Auto" is only front projection.

2.57. SHARPNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	52h	3Ah
Character		A	D	Z	Z	;	V	S	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	13			14			15		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	52h	3Ah	*1	*3	*5	03h
Character		V	S	R	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.58. NOISE REDUCTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Eh	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	V	N	S	:	*	

■Parameters(*1,*2)

	OFF		1 (Low)	2 (Medium)	3 (High)
Hexadecimal	30h		31h	32h	33h
Character	0		1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Eh	53h	3Ah	*1	03h
Character		V	N	S	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.59. AI

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	A	I	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	49h	3Ah	*1	03h
Character		O	A	I	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.60. DIGITAL CINEMA REALITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	50h	44h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	P	D	:	*2	

■Parameters(*1,*2)

	AUTO		OFF	30p or 25p FIXED
Hexadecimal	30h		31h	31h
Character	0		1	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	44h	3Ah	*1	03h
Character		O	P	D	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.61. TV SYSTEM

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	47h	3Ah
Character		A	D	Z	Z	;	V	S	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	AUTO					NTSC				
Hexadecimal	41h	54h	31h	41h	54h	32h	4Eh	54h	53h	
Character	A	T	1	A	T	2	N	T	S	
	NTSC4.43			PAL			PAL-M			
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh	
Character	N	4	4	P	A	L	P	A	M	
	PAL-N			SECAM			PAL60			
Hexadecimal	50h	41h	4Eh	53h	45h	43h	50h	36h	30h	
Character	P	A	N	S	E	C	P	6	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	47h	3Ah	*1	*3	*5	03h
Character		V	S	G	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.62. SHIFT - Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	48h	3Ah
Character		A	D	Z	Z	;	V	T	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	48h	3Ah	*1	*3	*5	03h
Character		V	T	H	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

■Note:

- The maximum value that can be actually set changes according to the input signal or the input resolution setting, etc.
- It is possible to specify it within the range from the minimum value "0" to the maximum value "Number in which 1 is subtracted from number of total dots".

2.63. SHIFT - Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	56h	3Ah
Character		A	D	Z	Z	;	V	T	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	1				2				3			
Hexadecimal	30h	30h	30h	31h	30h	30h	30h	32h	30h	30h	30h	33h
Character	0	0	0	1	0	0	0	2	0	0	0	3
	4092				4093				4094			
Hexadecimal	34h	30h	39h	32h	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	2	4	0	9	3	4	0	9	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	56h	3Ah	*1	*3	*5	03h
Character		V	T	V	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

■Note:

- The maximum value that can be actually set changes according to the input signal or the input resolution setting, etc.
- For signals other than interlace, it is possible to specify it within the range from the minimum value "0" to the maximum value "Number in which 1 is subtracted from number of total lines.
- For interlace signals, it is possible to specify it within the range from the minimum value "1" to the maximum value "Number in which 2 is subtracted from number of total lines.

2.64. ASPECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	45h	3Ah
Character		A	D	Z	Z	;	V	S	E	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

Input terminal: VIDEO, Input signal: NTSC

	VID AUTO	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

Input terminal: VIDEO, Input signal: Except NTSC

	STANDARD	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

Input terminal: S-VIDEO, Input signal: NTSC

	VID AUTO	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT	S1 AUTO	VID AUTO	
Hexadecimal	39h	31h	30h	32h	30h
Character	9	1	0	2	0

Input terminal: S-VIDEO, Input signal: Except NTSC

	STANDARD	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

Input terminal: Except VIDEO/S-VIDEO

	STANDARD	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	45h	3Ah	*1	*3	03h
Character		V	S	E	:	*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.65. ZOOM - Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	48h	3Ah
Character		A	D	Z	Z	;	O	Z	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	48h	3Ah	*1	*3	*5	03h
Character		O	Z	H	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	○	x	x	○

2.66. ZOOM - Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	56h	3Ah
Character		A	D	Z	Z	;	O	Z	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	56h	3Ah	*1	*3	*5	03h
Character		O	Z	V	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	○	x	x	○

2.67. ZOOM – H/V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	4Fh	3Ah
Character		A	D	Z	Z	;	O	Z	O	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	4Fh	3Ah	*1	*3	*5	03h
Character		O	Z	O	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	○	x	x	○

2.68. ZOOM - INTERLOCKED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	Z	S	:	*2	

■Parameters(*1,*2)

	OFF			ON		
Hexadecimal	30h			31h		
Character	0			1		

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	53h	3Ah	*1	03h
Character		O	Z	S	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	○	x	x	○

2.69. ZOOM NODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	54h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	Z	T	:	*2	

■Parameters(*1,*2)

	INTERNAL	FULL
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	54h	3Ah	*1	03h
Character		O	Z	T	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	x	o

2.70. CLOCK PHASE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	50h	3Ah
Character		A	D	Z	Z	;	V	C	P	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	61			62			63		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	50h	3Ah	*1	*3	*5	03h
Character		V	C	P	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	x	o
VIDEO	S-VIDEO	RGB1	RGB2	YP _B PR1	YP _B PR2	DVI	HDMI
x	x	o	o	o	o	x	x

2.71. INPUT RESOLUTION – TOTAL DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	44h	3Ah
Character		A	D	Z	Z	;	V	T	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	330				331			
Hexadecimal	30h	33h	33h	30h	30h	33h	33h	31h
Character	0	3	3	0	0	3	3	1
	4095				4096			
Hexadecimal	34h	30h	39h	35h	34h	30h	39h	36h
Character	4	0	9	5	4	0	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	44h	3Ah	*1	*3	*5	*7	03h
Character		V	T	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o
VIDEO	S-VIDEO	RGB1	RGB2	YP _B PR1	YP _B PR2	DVI	HDMI
x	x	o	o	x	x	x	x

■Note:

- The maximum value that can be actually set changes according to the input signal or the input resolution settings, etc.
- Calls back ER402 when the value of less than number in which 30 is added to number of display dots is specified.

2.72. INPUT RESOLUTION – DISPLAY DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	44h	44h	3Ah
Character		A	D	Z	Z	;	V	D	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	2065				2066			
Hexadecimal	32h	30h	36h	35h	32h	30h	36h	36h
Character	2	0	6	5	2	0	6	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	44h	3Ah	*1	*3	*5	*7	03h
Character		V	D	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _R 1	YP _B P _R 2	DVI	HDMI
x	x	o	o	x	x	x	x

■Note:

- The maximum value that can be actually set changes according to the input signal or the input resolution settings, etc.
- Calls back ER402 when the value of more than number in which 30 is subtracted from number of total dots is specified.

2.73. INPUT RESOLUTION – TOTAL LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	4Ch	3Ah
Character		A	D	Z	Z	;	V	T	L	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	306				307			
Hexadecimal	30h	33h	30h	36h	30h	33h	30h	37h
Character	0	3	0	6	0	3	0	7
	2046				2047			
Hexadecimal	24h	30h	34h	36h	32h	30h	34h	37h
Character	2	0	4	6	2	0	4	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	4Ch	3Ah	*1	*3	*5	*7	03h
Character		V	T	L	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _R 1	YP _B P _R 2	DVI	HDMI
x	x	o	o	x	x	x	x

■Note:

- The maximum value that can be actually set changes according to the input signal or the input resolution settings, etc.
- Calls back ER402 when the value of less than number in which 10 is added to number of display lines is specified.

2.74. INPUT RESOLUTION – DISPLAY LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	44h	4Ch	3Ah
Character		A	D	Z	Z	;	V	D	L	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	1199				1200			
Hexadecimal	21h	31h	39h	39h	31h	32h	30h	30h
Character	1	1	9	9	1	2	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	4Ch	3Ah	*1	*3	*5	*7	03h
Character		V	D	L	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _R 1	YP _B P _R 2	DVI	HDMI
x	x	o	o	x	x	x	x

■Note:

- The maximum value that can be actually set changes according to the input signal or the input resolution settings, etc.
- Calls back ER402 when the value of more than number in which 10 is subtracted from number of total lines is specified.

2.75. CLAMP POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Ch	54h	3Ah
Character		A	D	Z	Z	;	V	L	T	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Ch	54h	3Ah	*1	*3	*5	03h
Character		V	L	T	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _R 1	YP _B P _R 2	DVI	HDMI
x	x	o	o	o	o	x	x

■Note:

- It is available only when RGB1 or RGB2 is selected. In other case Calls back ER401.

2.76. KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Bh	53h	3Ah
Character		A	D	Z	Z	;	O	K	S	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	+125			+126			+127		
Hexadecimal	32h	35h	32h	32h	35h	33h	32h	35h	34h
Character	2	5	2	2	5	3	2	5	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Bh	53h	3Ah	*1	*3	*5	03h
Character		O	K	S	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.77. SUB KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	4Bh	3Ah
Character		A	D	Z	Z	;	O	S	K	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-63			-62			-61		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	+61			+62			+63		
Hexadecimal	31h	32h	34h	31h	32h	35h	31h	32h	36h
Character	1	2	4	1	2	5	1	2	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	4Bh	3Ah	*1	*3	*5	03h
Character		O	S	K	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- When "0" is set to KEYSTONE, ER401 is returned.
- According to KEYSTONE settings, there is a case that does not operate even if the SUB KEYSTONE value is changed.

2.78. LINEARITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Ch	49h	3Ah
Character		A	D	Z	Z	;	V	L	I	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	+125			+126			+127		
Hexadecimal	32h	35h	32h	32h	35h	33h	32h	35h	34h
Character	2	5	2	2	5	3	2	5	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Ch	49h	3Ah	*1	*3	*5	03h
Character		V	L	I	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- When "0" is set to KEYSTONE, ER401 is returned.
- According to KEYSTONE settings, there is a case that does not operate even if the LINEARITY value is changed.

2.79. DISPLAY LANGUAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	47h	3Ah
Character		A	D	Z	Z	;	O	L	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4Ah	50h	4Eh
Character	E	S	P	I	T	L	J	P	N
	Chinese			Russian			Korean		
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h
Character	C	H	I	R	U	S	K	O	R

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	47h	3Ah	*1	*3	*5	03h
Character		O	L	G	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.80. SYSTEM SELECTOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	52h	46h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	R	F	:	*2	

■Parameters(*1,*2)

	VGA60	YPbPr / YCbCr	480pRGB
Hexadecimal	30h	31h	33h
Character	0	1	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h
Character		O	R	F	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.81. BLANKING - Top

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	55h	3Ah
Character		A	D	Z	Z	;	D	B	U	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT-DZ570*

	597			598			599		
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

PT-DX500*

	381			382			383		
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

PT-DW530*

	397			398			399		
Hexadecimal	33h	39h	37h	33h	39h	37h	33h	39h	37h
Character	3	9	7	3	9	7	3	9	7

■Note:

- The maximum value that can be set changes according to settings of the input signal, the aspect and the zoom.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	55h	3Ah	*1	*3	*5	03h
Character		D	B	U	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.82. BLANKING - Bottom

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	42h	3Ah
Character		A	D	Z	Z	;	D	B	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT- DZ570*

	597			598			599		
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

PT- DX500*

	381			382			383		
Hexadecimal	33h	38h	31h	33h	38h	31h	33h	38h	31h
Character	3	8	1	3	8	1	3	8	1

PT- DW530*

	397			398			399		
Hexadecimal	33h	39h	37h	33h	39h	37h	33h	39h	37h
Character	3	9	7	3	9	7	3	9	7

■Note:

- The maximum value that can be set changes according to settings of the input signal, the aspect and the zoom.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	42h	3Ah	*1	*3	*5	03h
Character		D	B	B	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.83. BLANKING - Right

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	52h	3Ah
Character		A	D	Z	Z	;	D	B	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT- DZ570*

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

PT- DX500*

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

PT- DW530*

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

■Note:

- The maximum value that can be set changes according to settings of the input signal, the aspect and the zoom.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	52h	3Ah	*1	*3	*5	03h
Character		D	B	R	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.84. BLANKING - Left

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	4Ch	3Ah
Character		A	D	Z	Z	;	D	B	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT- DZ570*

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	37h	39h	35h	37h
Character	9	5	7	9	5	7	9	5	7

PT- DX500*

	509			510			511		
Hexadecimal	35h	30h	39h	35h	30h	39h	35h	30h	39h
Character	5	0	9	5	0	9	5	0	9

PT- DW530*

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	37h	36h	33h	37h
Character	6	3	7	6	3	7	6	3	7

■Note:

- The maximum value that can be set changes according to settings of the input signal, the aspect and the zoom.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		D	B	L	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.85. FRAME RESPONSE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	46h	44h	59h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	F	D	Y	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NORMAL					FAST				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	46h	44h	59h	49h	30h
Character		V	X	X	:	F	D	Y	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

2.86. RASTER POSITION - Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	52h	48h	3Ah
Character		A	D	Z	Z	:	V	R	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	52h	48h	3Ah	*1	*3	*5	*7	03h
Character		V	R	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

■Note:

- The maximum value that can be set changes according to settings of the input signal, the aspect and the zoom.

2.87. RASTER POSITION – Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	52h	56h	3Ah
Character		A	D	Z	Z	:	V	R	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	52h	56h	3Ah	*1	*3	*5	*7	03h
Character		V	R	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

■Note:

- The maximum value that can be set changes according to settings of the input signal, the aspect and the zoom.

2.88. SCREEN FORMAT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	46h	3Ah
Character		A	D	Z	Z	;	V	S	F	:
Hexadecimal	*1	03h								
Character	*2									

■Parameters(*1,*2)

	16:10 *1	16:9	4:3 *2
Hexadecimal	30h	31h	32h
Character	0	1	2

1: If specifying this for PT-DX500, ER401 is returned.

2: If specifying this for PT-DW530, ER401 is returned.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	5h	46h	3Ah	*1	03h
Character		V	S	F	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.89. SCREEN POSITION Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	56h	53h	50h	49h	30h	3Dh	*1	*3	*5	*7
Character	V	S	P	I	0	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

PT-DZ570*

	-60						-59					
Hexadecimal	2Dh	30h	30h	30h	36h	30h	2Dh	30h	30h	30h	35h	39h
Character	—	0	0	0	6	0	—	0	0	0	5	9
	59						60					
Hexadecimal	2Bh	30h	30h	30h	35h	39h	2Bh	30h	30h	30h	36h	30h
Character	+	0	0	0	5	9	+	0	0	0	6	0

PT-DX500*

	-96						-95					
Hexadecimal	2Dh	30h	30h	30h	39h	36h	2Dh	30h	30h	30h	39h	35h
Character	—	0	0	0	9	6	—	0	0	0	9	5
	95						96					
Hexadecimal	2Bh	30h	30h	30h	39h	35h	2Bh	30h	30h	30h	39h	36h
Character	+	0	0	0	9	5	+	0	0	0	9	6

PT-DW530*

	-40						-39					
Hexadecimal	2Dh	30h	30h	30h	34h	30h	2Dh	30h	30h	30h	33h	39h
Character	—	0	0	0	4	0	—	0	0	0	3	9
	39						40					
Hexadecimal	2Bh	30h	30h	30h	33h	39h	2Bh	30h	30h	30h	34h	30h
Character	+	0	0	0	3	9	+	0	0	0	4	0

■Response (Callback)

In the period when the command can be accepted

In the period when the command can be accepted										
Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h	30h
Character		V	X	X	:	V	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.90. SCREEN POSITION Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	48h	53h	50h	49h	30h	3Dh	*1	*3	*5	*7
Character	H	S	P	I	0	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-160						-159					
Hexadecimal	2Dh	30h	30h	31h	36h	30h	2Dh	30h	30h	31h	35h	39h
Character	—	0	0	1	6	0	—	0	0	1	5	9
	159						160					
Hexadecimal	2Bh	30h	30h	31h	35h	39h	2Bh	30h	30h	31h	36h	30h
Character	+	0	0	1	5	9	+	0	0	1	6	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	50h	49h	30h
Character		V	X	X	:	H	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- If specifying it for PT-DW530*/DX500*, ER401 is returned.

2.91. COLOR MATCHING

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	44h	4Dh	41h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	C	M	A	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					3COLORS					7COLORS				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
30hCharacter	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	MEASURED														
Hexadecimal	30h	30h	30h	30h	33h										
Character	0	0	0	0	3										

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Dh	41h	49h	30h
Character		V	X	X	:	C	M	A	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.92. COLOR CORRECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Dh	3Ah
Character		A	D	Z	Z	:	V	C	M	:
Hexadecimal	*1	03h								
Character	*2									

■Parameters(*1,*2)

	OFF	USER
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)お

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Dh	3Ah	*1	03h
Character		V	C	M	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.93. WAVEFORM MONITOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	57h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	W	M	:	*2	

■Parameters(*1,*2)

	OFF	Y - LINE	R - LINE	G-LINE	B - LINE
Hexadecimal	30h	35h	36h	37h	38h
Character	0	5	6	7	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	57h	4Dh	3Ah	*1	03h
Character		O	W	M	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	o	o	o

■Note:

If specifying it for PT-DW530*/DX500*, ER401 is returned.

2.94. WAVEFORM MONITOR - Adjust

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	57h	4Dh
Character		A	D	Z	Z	;	V	X	X	:	W	M
Hexadecimal	4Ch	49h	30h	3Dh	2Bh	*1	*3	*5	*7	*9	03h	
Character	L	I	0	=	+	*2	*4	*6	*8	*10		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	1198					1199				
Hexadecimal	30h	31h	31h	39h	38h	30h	31h	31h	39h	39h
Character	0	1	1	9	8	0	1	1	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	57h	4Dh	4Ch	49h	30h
Character		V	X	X	:	W	M	L	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	o	o	o

■Note:

If specifying it for PT-DW530*/DX500*, ER401 is returned.

2.95. AUTO SIGNAL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	41h	53h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	A	S	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	41h	53h	49h	30h
Character		V	X	X	:	A	A	S	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.96. AUTO SETUP - MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	A	M	:	*2	

■Parameters(*1,*2)

	USER	DEFAULT	WIDE
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	4Dh	3Ah	*1	03h
Character		O	A	M	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.97. AUTO SETUP - DISPLAY DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	44h	3Ah
Character		A	D	Z	Z	;	O	A	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	+2065				+2066			
Hexadecimal	32h	30h	36h	35h	32h	30h	36h	36h
Character	2	0	6	5	2	0	6	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	44h	3Ah	*1	*3	*5	*7	03h
Character		O	A	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	o	o	o

2.98. AUTO SETUP - POSITION ADJUST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	50h	41h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	P	A	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	50h	41h	49h	30h
Character		V	X	X	:	A	P	A	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.99. AUTO SETUP - SIGNAL LEVEL ADJUST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	53h	4Ch	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	S	L	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	4Ch	49h	30h
Character		V	X	X	:	A	S	L	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.100. RGB SYNC TERMINAL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	53h	54h	52h	49h	*1	3Dh	2Bh	*3	*5	*7
Character	S	T	R	I	*2	=	+	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2)

	RGB1	RGB2
Hexadecimal	31h	32h
Character	1	2

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	LOW					HIGH				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	52h	49h	*1
Character		V	X	X	:	S	T	R	I	*2
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	03h		
Character	=	+	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.101. DVI EDID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	44h	3Ah	*1	03h
Character		A	D	Z	Z	:	O	E	D	:	*2	

■Parameters(*1,*2)

	EDID1	EDID2(PC)	EDID3
Hexadecimal	31h	32h	33h
Character	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	44h	3Ah	*1	03h
Character		O	E	D	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.102. DVI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	44h	56h	49h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	D	V	I	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-255:PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	56h	49h	49h	30h
Character		V	X	X	:	D	V	I	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.103. HDMI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	48h	53h	4Ch	49h	30h	3Dh	2Bh	*1	*3	*5
Character	H	S	L	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	4Ch	49h	30h
Character		V	X	X	:	H	S	L	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

2.104. SIDE BY SIDE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	50h	50h	3Ah	*1	03h
Character		A	D	Z	Z	:	O	P	P	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	50h	3Ah	*1	03h
Character		O	P	P	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- If specifying it for PT-DX500*, ER401 is returned.

2.105. SIDE BY SIDE - MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	53h	42h	4Dh	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	B	M	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	2					3				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	42h	4Dh	49h	30h
Character		V	X	X	:	S	B	M	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- If specifying it for PT-DX500*, ER401 is returned.

2.106. SIDE BY SIDE – MAIN INPUT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	49h	3Ah
Character		A	D	Z	Z	;	M	S	I	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	RGB1			RGB2			Video		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h
Character	R	G	1	R	G	2	V	I	D
	S-Video			DVI			HDMI		
Hexadecimal	53h	56h	44h	44h	56h	49h	48h	44h	30h
Character	S	V	D	D	V	I	H	D	1
	NETWORK								
Hexadecimal	4Eh	57h	50h						
Character	N	W	P						

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	49h	3Ah	*1	*3	*5	03h
Character		M	S	I	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

■Note:

- If specifying it for PT-DX500*, ER401 is returned.
- When specifying the parameter which is incompatible with the set input in sub window, ER402 is returned.

2.107. SIDE BY SIDE – SUB INPUT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	49h	53h	3Ah
Character		A	D	Z	Z	;	S	I	S	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	RGB1			RGB2			Video		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h
Character	R	G	1	R	G	2	V	I	D
	S-Video			DVI			HDMI		
Hexadecimal	53h	56h	44h	44h	56h	49h	48h	44h	30h
Character	S	V	D	D	V	I	H	D	1
	NETWORK								
Hexadecimal	4Eh	57h	50h						
Character	N	W	P						

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	49h	53h	3Ah	*1	*3	*5	03h
Character		S	I	S	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

■Note:

- If specifying it for PT-DX500*, ER401 is returned.
- When specifying the parameter which is incompatible with the set input in main window, ER402 is returned.

2.108. SIDE BY SIDE – SUB INPUT CLOCK PHASE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	43h	50h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	C	P	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	30					31				
Hexadecimal	30h	30h	30h	33h	30h	30h	30h	30h	33h	31h
Character	0	0	0	3	0	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	50h	49h	30h
Character		V	X	X	:	S	C	P	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	x	o	o

■Note:

- In the case of PT-DX500, ER401 is returned.
- It is available when sub window is RGB1 or RGB2. In other case ER401 is returned.

2.109. AUDIO SETTING - VOLUME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	56h	4Ch	3Ah
Character		A	D	Z	Z	:	A	V	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	61			62			63		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	56h	4Ch	3Ah	*1	*3	*5	03h
Character		A	V	L	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	□	x	o	x	o	x	o

■Note:

- During standby, it is effective in the case of AUDIO SETTING IN STANDBY MODE "ON".
- Except this case, ER401 is returned.

2.110. AUDIO SETTING - BALANCE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	42h	4Ch	3Ah
Character		A	D	Z	Z	:	A	B	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	-16			-15			-14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
Character	—	1	6	—	1	5	—	1	4
	14			15			16		
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		A	B	L	:	*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	□	x	o	x	o	x	o

■Note:

- During standby, it is effective in the case of AUDIO SETTING IN STANDBY MODE "ON".
- Except this case, ER401 is returned.

2.111. AUDIO SETTING – IN STANDBY MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	41h	53h	42h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	S	B	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	42h	49h	30h
Character		V	X	X	:	A	S	B	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	o	o	o	o	o	o

2.112. AUDIO SETTING - IN SELECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	41h	49h	4Eh	49h	*1	3Dh	2Bh	*3	*5	*7
Character	A	I	N	I	*2	=	+	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2)

	Video	S-Video	RGB1	RGB2	DVI-D	HDMI	NETWORK
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Input terminal: VIDEO/S-VIDEO/RGB1/RGB2/DVI-D

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

Input terminal:HDMI

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3					HDMI AUDIO IN				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

Input terminal:NETWORK

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3					NETWORK AUDIO IN				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	49h	4Eh	49h	*1
Character		V	X	X	:	A	I	N	I	*2
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	03h		
Character	=	+	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	o	o	o	o	o	o

2.113. SCHEDULE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	53h	43h	48h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	C	H	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	48h	49h	30h
Character		V	X	X	:	S	C	H	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.114. SCHEDULE - Program

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	53h	50h	47h	49h	*1	3Dh	2Bh	*3	*5	*7
Character	S	P	G	I	*2	=	+	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2)

	SUN	MON	TUE	WED	THU	FRI	SAT
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters(*3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	OFF					Program1					Program2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	Program3					Program4					Program5				
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5
	Program6					Program7									
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h					
Character	0	0	0	0	6	0	0	0	0	7					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	50h	47h	49h	*1
Character		V	X	X	:	S	P	G	I	*2
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	03h		
Character	=	+	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.115. SCHEDULE - COMMAND

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	53h	43h	43h	53h	*1	3Dh	*3	*5	*7	*9
Character	S	C	C	S	*2	=	*4	*6	*8	*10
Hexadecimal	*11	*13	*15	*17	03h					
Character	*12	*14	*16	*18						

■Parameters(*1,*2)

	Program1		Program 2		Program 3		Program 4	
Hexadecimal	31h		32h		33h		34h	
Character	1		2		3		4	
	Program 5		Program 6		Program 7			
Hexadecimal	35h		36h		37h			
Character	5		6		7			

■Parameters(*3, *4, *5, *6)

	COMMAND 1		COMMAND 2		COMMAND 3		COMMAND 4	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	COMMAND 13		COMMAND 14		COMMAND 15		COMMAND 16	
Hexadecimal	31h	33h	31h	34h	31h	35h	31h	36h
Character	1	3	1	4	1	5	1	6

■Parameters(*7, *8, *9, *10)

	COMMAND Delete		STANDBY		POWER ON		AV MUTE OFF		AV MUTE ON		
Hexadecimal Character	30h 0	30h 0	31h 1	30h 0	31h 1	31h 1	32h 2	30h 0	32h 2	31h 1	
	INPUT RGB1		INPUT RGB2		INPUT Video		INPUT S-Video		INPUT DVI		
Hexadecimal Character	33h 3	31h 1	33h 3	32h 2	34h 4	31h 1	34h 4	32h 2	35h 5	31h 1	
	INPUT HDMI		INPUT NETWORK								
Hexadecimal Character	35h 5	35h 5	36h 6	31h 1							
	LAMP POWER NORMAL			LAMP POWER ECO							
Hexadecimal Character	37h 7		30h 0		37h 7		31h 1				
	SIDE BY SIDE MODE OFF		SIDE BY SIDE MODE 1		SIDE BY SIDE MODE 2		SIDE BY SIDE MODE 3				
Hexadecimal Character	39h 9		30h 0		39h 9		32h 2		39h 9		33h 3
	IN STANDBY MODE (AUDIO) OFF				IN STANDBY MODE (AUDIO) ON						
Hexadecimal Character	41h A		30h 0		41h A		31h 1				
	VOLUME 0		VOLUME 1		VOLUME 1		VOLUME 2				
Hexadecimal Character	43h C		30h 0		43h C		32h 2		43h C		33h 3
	VOLUME 60		VOLUME 61		VOLUME 62		VOLUME 63				
Hexadecimal Character	46h F		43h C		46h F		45h E		46h F		46h F

■Parameters(*11, *12, *13, *14, *15, *16, *17, *18)

	00:00				00:01				00:02			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	23:57				23:58				23:59			
Hexadecimal	32h	33h	35h	37h	32h	33h	35h	38h	32h	33h	35h	39h
Character	2	3	5	7	2	3	5	8	2	3	5	9

■Response (Callback)

In the period when the command can be accepted

In the period when the command can be accepted											
Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	43h	53h	*1	
Character		V	X	X	:	S	C	C	S	*2	
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	*13	*15	*17	03h
Character	=	+	*4	*6	*8	*10	*12	*14	*16	*18	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.116. ECO MANAGEMENT - AUTO POWER SAVE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	30h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	30h
Character		V	X	X	:	E	C	O	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.117. ECO MANAGEMENT - AMBIENT LIGHT DETECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	31h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	31h
Character		V	X	X	:	E	C	O	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.118. ECO MANAGEMENT - SIGNAL DETECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	32h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	32h
Character		V	X	X	:	E	C	O	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.119. ECO MANAGEMENT - AV MUTE DETECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	33h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	3	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	33h
Character		V	X	X	:	E	C	O	I	3
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.120. NO SIGNAL SHUT-OFF

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	46h	3Ah
Character		A	D	Z	Z	:	O	A	F	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	DISABLE		10 min		20 min		30 min		40 min	
Hexadecimal	30h	30h	31h	30h	32h	30h	33h	30h	34h	30h
Character	0	0	1	0	2	0	3	0	4	0
	50 min		60 min		70 min		80 min		90 min	
Hexadecimal	35h	30h	36h	30h	37h	30h	38h	30h	39h	30h
Character	5	0	6	0	7	0	8	0	9	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	41h	46h	3Ah	*1	03h
Character		O	A	F	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.121. STANDBY MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	53h	54h	4Dh	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	T	M	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NORMAL					ECO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	4Dh	49h	30h
Character		V	X	X	:	S	T	M	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	o	o	o	o	o	o

2.122. ADJUST CLOCK - DATE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	54h	53h	44h	3Ah
Character		A	D	Z	Z	:	T	S	D	:
Hexadecimal	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character										

■Parameters

*y1~*y4: Year (4 digits)

*m1~*m2: Month (2 digits)

*d1~*d2: Day (2 digits)

*w: Day of the week (Mon = 1, Tue = 2, Wed = 3, Thu = 4, Fri = 5, Sat = 6, Sun = 7)

Set it by UTC (Coordinated Universal Time).

Example: Tuesday, August 17, 2010

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w
Hexadecimal	32h	30h	31h	30h	30h	38h	31h	37h	32h
Character	2	0	1	0	0	8	1	7	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	54h	53h	44h	3Ah	*y1	*y2	
Character		T	S	D	:			
Hexadecimal	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character								

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.123. ADJUST CLOCK - TIME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	54h	53h	54h	3Ah
Character		A	D	Z	Z	:	T	S	T	:
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	03h			
Character										

■Parameters

*h1~*h2: Hour (2 digits)

*m1~*m2: Minute (2 digits)

*s1~*s2: Second (2 digits)

Set it by UTC (Coordinated Universal Time).

Example: 3 seconds at 3:45 p.m.

	*h1	*h2	*m1	*m2	*s1	*s2
Hexadecimal	31h	35h	34h	35h	30h	33h
Character	1	5	4	5	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	54h	53h	54h	3Ah		
Character		T	S	T	:		
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	03h
Character							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

2.124. ADJUST CLOCK - NTP SYNCHRONIZATION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	4Eh	54h	50h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	N	T	P	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	54h	50h	49h	30h
Character		V	X	X	:	N	T	P	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	x	o	o

■Note:

- When the setting of the NTP server is not considered , the NTP SYNCHRONIZATION setting is not changed.

2.125. OSD – INPUT GUIDE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	49h	44h	3Ah	*1	03h
Character		A	D	Z	Z	:	O	I	D	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	49h	44h	3Ah	*1	03h
Character		O	I	D	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.126. OSD - WARNING MESSAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	:	V	X	X	:
Hexadecimal	57h	4Dh	44h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	W	M	D	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	57h	4Dh	44h	49h	30h
Character		V	X	X	:	W	M	D	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	o	x	o	o	x	o	o

2.127. OSD - DESIGN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	4Fh	44h	3Ah	*1	03h
Character		A	D	Z	Z	;	M	O	D	:	*2	

■Parameters(*1,*2)

	1	2	3	4	5	6
Hexadecimal	30h	31h	32h	33h	34h	35h
Character	0	1	2	3	4	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Fh	44h	3Ah	*1	03h
Character		M	O	D	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.128. OSD - POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	D	P	:	*2	

■Parameters(*1,*2)

	Top left	Left center	Bottom left	Top center	Center	Bottom center
Hexadecimal	31h	32h	33h	34h	35h	36h
Character	1	2	3	4	5	6
	Top right	Right center	Bottom right			
Hexadecimal	37h	38h	39h			
Character	7	8	9			

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	50h	3Ah	*1	03h
Character		O	D	P	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.129. OSD - MEMORY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Fh	4Dh	59h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	O	M	Y	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Fh	4Dh	59h	49h	30h
Character		V	X	X	:	O	M	Y	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.130. STARTUP LOGO

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		A	D	Z	Z	;	M	L	O	:	*2	

■Parameters(*1,*2)

	NONE	LOGO1	LOGO2
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		M	L	O	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.131. BACK COLOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	42h	43h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	B	C	:	*2	

■Parameters(*1,*2)

	BLUE	BLACK	LOGO1	LOGO2
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	42h	43h	3Ah	*1	03h
Character		O	B	C	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	o	x	o	o	o	o	o

2.132. CLOSED CAPTION SETTING

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	43h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	C	C	:	*2	

■Parameters(*1,*2)

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	43h	3Ah	*1	03h
Character		O	C	C	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	x	x	x	o

2.133. WIRELESS LAN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Eh	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	N	S	:	*2	

■Parameters(*1,*2)

	DISABLE	1	2	3	4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4
	USER1	USER2	USER3	S-MAP	
Hexadecimal	35h	36h	37h	38h	
Character	5	6	7	8	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Eh	53h	3Ah	*1	03h
Character		O	N	S	:	*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	o	o	o	o	o

2.134. Query Power

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	57h	03h
Character		A	D	Z	Z	;	Q	P	W	

■Response (Callback)

OFF

Hexadecimal	02h	30h	30h	31h	03h
Character		0	0	0	

ON

Hexadecimal	02h	30h	30h	31h	03h
Character		0	0	1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	o	o	o	o	o	o	o

2.135. Query FREEZE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	5Ah	03h
Character		A	D	Z	Z	;	Q	F	Z	

■Response (Callback)

OFF

Hexadecimal	02h	31h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

2.136. Query AV MUTE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	48h	03h
Character		A	D	Z	Z	;	Q	S	H	

■Response (Callback)

OFF

Hexadecimal	02h	31h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.137. Query INPUT SELECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	4Eh	03h
Character		A	D	Z	Z	;	Q	I	N	

■Response (Callback)

RGB1

Hexadecimal	02h	52h	47h	31h	03h
Character		R	G	1	

RGB2

Hexadecimal	02h	52h	47h	32h	03h
Character		R	G	2	

VIDEO

Hexadecimal	02h	56h	49h	44h	03h
Character		V	I	D	

S- VIDEO

Hexadecimal	02h	53h	56h	44h	03h
Character		S	V	D	

DVI

Hexadecimal	02h	44h	56h	49h	03h
Character		D	V	I	

HDMI

Hexadecimal	02h	48h	44h	31h	03h
Character		H	D	1	

NETWORK

Hexadecimal	02h	4Eh	57h	50h	03h
Character		N	W	P	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.138. Query TEST PATTERN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	53h	03h
Character		A	D	Z	Z	;	Q	T	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

■Parameters(*1,*2,*3,*4)

	OFF		White		Black		Flag		Reversed Flag	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	Window		Reversed Window		Focus		Color bar (V)		Lamp	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	30h	39h
Character	0	5	0	6	0	7	0	8	0	h
	Red		Green		Blue		White 10%I		White 5%	
Hexadecimal	32h	32h	32h	33h	32h	34h	32h	35h	32h	36h
Character	2	2	2	3	2	4	2	5	2	6
	Cyan		Magenta		Yellow		CW INDEX		Color bar (H)	
Hexadecimal	32h	38h	32h	39h	33h	30h	34h	31h	35h	31h
Character	2	8	2	9	3	0	4	1	5	1
	White 20%		White 30%							
Hexadecimal	35h	33h	35h	34h						
Character	5	3	5	4						

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

2.139. Query ON SCREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	53h	03h
Character		A	D	Z	Z	;	Q	O	S	

■Response (Callback)

OFF

Hexadecimal	02h	31h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

2.140. Query INSTALLATION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	50h	03h
Character		A	D	Z	Z	;	Q	S	P	

■Response (Callback)

Front / Floor

Hexadecimal	02h	30h	03h
Character		0	

Rear / Floor

Hexadecimal	02h	31h	03h
Character		1	

Front / Ceiling

Hexadecimal	02h	32h	03h
Character		2	

Rear / Ceiling

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.141. Query COOLING CONDITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	52h	03h
Character		A	D	Z	Z	;	Q	D	R	

■Response (Callback)

Floor Setting

Hexadecimal	02h	30h	03h
Character		0	

Ceiling Setting

Hexadecimal	02h	31h	03h
Character		1	

Vertical Up Setting

Hexadecimal	02h	32h	03h
Character		2	

Vertical Down Setting

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.142. Query HIGH ALTITUDE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	4Dh	03h
Character		A	D	Z	Z	;	Q	F	M	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	32h	03h
Character		1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.143. Query PROJECTOR RUNTIME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	54h	03h
Character		A	D	Z	Z	;	Q	S	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	*9	03h
Character		*2	*4	*6	*8	*10	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0h					1h				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	99998h					99999h				
Hexadecimal	39h	39h	39h	39h	38h	39h	39h	39h	39h	39h
Character	9	9	9	9	8	9	9	9	9	9

2.144. Query LAMP RUNTIME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	24h	4Ch	03h
Character		A	D	Z	Z	;	Q	\$	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

Response (Callback) time = (Lamp runtime in NORMAL power) + ((Lamp runtime in ECO power)×2÷3)

	0 h					1 h				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	31h	
Character	0	0	0	0	0	0	0	0	1	
	9998 h					9999 h				
Hexadecimal	39h	39h	39h	38h	39h	39h	39h	39h	39h	
Character	9	9	9	8	9	9	9	9	9	

2.145. Query LAMP STATUS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	24h	53h	03h
Character		A	D	Z	Z	;	Q	\$	S	

■Response (Callback)

Lamp OFF

Hexadecimal	02h	30h	03h
Character		0	

In turning ON

Hexadecimal	02h	31h	03h
Character		1	

Lamp ON

Hexadecimal	02h	32h	03h
Character		2	

In Turning OFF (Cooling)

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

2.146. Query LAMP POWER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	50h	03h
Character		A	D	Z	Z	;	Q	L	P	

■Response (Callback)

Normal

Hexadecimal	02h	30h	03h
Character		0	

ECO

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

2.147. Query LAMP ON - OFF

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	53h	03h
Character		A	D	Z	Z	;	Q	L	S	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

2.148. Query FUNCTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	46h	4Eh	43h	49h	*1					
Character	F	N	C	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	4Eh	43h	49h	*1	3Dh	2Bh
Character		F	N	C	I	*2	=	+
Hexadecimal	*3	*5	*7	*9	*11	03h		
Character	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	DISABLE					PICTURE menu					POSITION menu				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	ADVANCED menu					LANGUAGE menu					DISPLAY OPTION menu				
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5
	PROJECTOR SETUP menu					TEST PATTERN menu					SIGNALL LIST menu				
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h	30h	30h	30h	30h	38h
Character	0	0	0	0	6	0	0	0	0	7	0	0	0	0	8
	SECURITY menu					NETWORK menu					PICTURE MODE				
Hexadecimal	30h	30h	30h	30h	39h	30h	30h	30h	31h	30h	30h	30h	30h	31h	31h
Character	0	0	0	0	9	0	0	0	1	0	0	0	0	1	1
	CONTRAST					BRIGHTNESS					COLOR				
Hexadecimal	30h	30h	30h	31h	32h	30h	30h	30h	31h	33h	30h	30h	30h	31h	34h
Character	0	0	0	1	2	0	0	0	1	3	0	0	0	1	4
	TINT					COLOR TEMPERATURE					WHITE GAIN				
Hexadecimal	30h	30h	30h	31h	35h	30h	30h	30h	31h	36h	30h	30h	30h	31h	37h
Character	0	0	0	1	5	0	0	0	1	6	0	0	0	1	7

	SHARPNESS					NOISE REDUCTION					AI				
Hexadecimal	30h	30h	30h	31h	38h	30h	30h	30h	31h	39h	30h	30h	30h	32h	30h
Character	0	0	0	1	8	0	0	0	1	9	0	0	0	2	0
	DAYLIGHT VIEW					SYSTEM SELECTOR					SHIFT				
Hexadecimal	30h	30h	30h	32h	31h	30h	30h	30h	32h	32h	30h	30h	30h	32h	33h
Character	0	0	0	2	1	0	0	0	2	2	0	0	0	2	3
	ASPECT					ZOOM					CLOCK PHASE				
Hexadecimal	30h	30h	30h	32h	34h	30h	30h	30h	32h	35h	30h	30h	30h	32h	36h
Character	0	0	0	2	4	0	0	0	2	5	0	0	0	2	6
	KEYSTONE					ZOOM mode					ZOOM INTERLOCKED				
Hexadecimal	30h	30h	30h	32h	37h	30h	30h	30h	32h	39h	30h	30h	30h	32h	39h
Character	0	0	0	2	7	0	0	0	2	8	0	0	0	2	9
	ZOOM VERTICAL					ZOOM HORIZONTAL					ZOOM BOTH(H/V)				
Hexadecimal	30h	30h	30h	33h	30h	30h	30h	30h	33h	31h	30h	30h	30h	33h	32h
Character	0	0	0	3	0	0	0	0	3	1	0	0	0	3	2
	KEYSTONE					SUB KEYSTONE					LINEARITY				
Hexadecimal	30h	30h	30h	33h	33h	30h	30h	30h	33h	34h	30h	30h	30h	33h	35h
Character	0	0	0	3	3	0	0	0	3	4	0	0	0	3	5
	DIGITAL CINEMA REALITY					BLANKING					INPUT RESOLUTION				
Hexadecimal	30h	30h	30h	33h	36h	30h	30h	30h	33h	37h	30h	30h	30h	33h	38h
Character	0	0	0	3	6	0	0	0	3	7	0	0	0	3	8
	CLAMP POSITION					FRAME RESPONSE					RASTER POSITION				
Hexadecimal	30h	30h	30h	33h	39h	30h	30h	30h	34h	30h	30h	30h	30h	34h	31h
Character	0	0	0	3	9	0	0	0	4	0	0	0	0	4	1
	BLANKING (top)					BLANKING (bottom)					BLANKING (left)				
Hexadecimal	30h	30h	30h	34h	32h	30h	30h	30h	34h	33h	30h	30h	30h	34h	34h
Character	0	0	0	4	2	0	0	0	4	3	0	0	0	4	4
	BLANKING (right)					TOTAL DOTS					DISPLAY DOTS				
Hexadecimal	30h	30h	30h	34h	35h	30h	30h	30h	34h	36h	30h	30h	30h	34h	37h
Character	0	0	0	4	5	0	0	0	4	6	0	0	0	4	7
	TOTAL LINES					DISPLAY LINES					COLOR MATCHING				
Hexadecimal	30h	30h	30h	34h	38h	30h	30h	30h	34h	39h	30h	30h	30h	35h	30h
Character	0	0	0	4	8	0	0	0	4	9	0	0	0	5	0
	COLOR CORRECTION					SCREEN SETTING					WAVEFORM MONITOR				
Hexadecimal	30h	30h	30h	35h	31h	30h	30h	30h	35h	32h	30h	30h	30h	35h	33h
Character	0	0	0	5	1	0	0	0	5	2	0	0	0	5	3
	AUTO SIGNAL					AUTO SETUP					RGB IN				
Hexadecimal	30h	30h	30h	35h	34h	30h	30h	30h	35h	35h	30h	30h	30h	35h	36h
Character	0	0	0	5	4	0	0	0	5	5	0	0	0	5	6
	DVI-D IN					HDMI IN					ON-SCREEN DISPLAY				
Hexadecimal	30h	30h	30h	35h	37h	30h	30h	30h	35h	38h	30h	30h	30h	35h	39h
Character	0	0	0	5	7	0	0	0	5	8	0	0	0	5	9
	CLOSED CAPTION SETTING					BACK COLOR					STARTUP LOGO				
Hexadecimal	30h	30h	30h	36h	30h	30h	30h	30h	36h	31h	30h	30h	30h	36h	32h
Character	0	0	0	6	0	0	0	0	6	1	0	0	0	6	2
	SUB MEMORY LIST					FREEZE					SIDE BY SIDE				
Hexadecimal	30h	30h	30h	36h	33h	30h	30h	30h	36h	34h	30h	30h	30h	36h	35h
Character	0	0	0	6	3	0	0	0	6	4	0	0	0	6	5
	SCREEN FORMAT					SCREEN POSITION					AUTO SETUP mode				
Hexadecimal	30h	30h	30h	36h	36h	30h	30h	30h	36h	37h	30h	30h	30h	36h	38h
Character	0	0	0	6	6	0	0	0	6	7	0	0	0	6	8
	POSITION ADJUST					SIGNAL LEVEL ADJUST					RGB1 SYNC TERMINAL				
Hexadecimal	30h	30h	30h	36h	39h	30h	30h	30h	37h	30h	30h	30h	30h	37h	31h
Character	0	0	0	6	9	0	0	0	7	0	0	0	0	7	1
	RGB2 SYNC TERMINAL					DVI EDID					DVI SIGNAL LEVEL				
Hexadecimal	30h	30h	30h	37h	32h	30h	30h	30h	37h	33h	30h	30h	30h	37h	34h
Character	0	0	0	7	2	0	0	0	7	3	0	0	0	7	4
	HDMI SIGNAL LEVEL					OSD POSITION					OSD DESIGN				
Hexadecimal	30h	30h	30h	37h	35h	30h	30h	30h	37h	36h	30h	30h	30h	37h	37h
Character	0	0	0	7	5	0	0	0	7	6	0	0	0	7	7
	OSD MEMORY					INPUT GUIDE					WARNING MESSAGE				
Hexadecimal	30h	30h	30h	37h	38h	30h	30h	30h	37h	39h	30h	30h	30h	38h	30h
Character	0	0	0	7	8	0	0	0	7	9	0	0	0	8	0
	CLOSED CAPTION ON/OFF					CLOSED CAPTION mode					PROJECTOR ID				
Hexadecimal	30h	30h	30h	38h	31h	30h	30h	30h	38h	32h	30h	30h	30h	38h	33h
Character	0	0	0	8	1	0	0	0	8	2	0	0	0	8	3
	INSTALLATION					COOLING CONDITION					HIGH ALTITUDE MODE				
Hexadecimal	30h	30h	30h	38h	34h	30h	30h	30h	38h	35h	30h	30h	30h	38h	36h
Character	0	0	0	8	4	0	0	0	8	5	0	0	0	8	6
	LAMP POWER					ECO MANAGEMENT					SCHEDULE				
Hexadecimal	30h	30h	30h	38h	37h	30h	30h	30h	38h	38h	30h	30h	30h	38h	39h
Character	0	0	0	8	7	0	0	0	8	8	0	0	0	8	9

	RS-232C					REMOTE mode					AUDIO SETTING				
Hexadecimal	30h	30h	30h	39h	30h	30h	30h	30h	39h	31h	30h	30h	30h	39h	32h
Character	0	0	0	9	0	0	0	0	9	1	0	0	0	9	2
	STATUS					DATE and TIME					AUTO POWER SAVE				
Hexadecimal	30h	30h	30h	39h	33h	30h	30h	30h	39h	34h	30h	30h	30h	39h	35h
Character	0	0	0	9	3	0	0	0	9	4	0	0	0	9	5
	AMBIENT LIGHT DETECTION					SIGNAL DETECTION					AV MUTE DETECTION				
Hexadecimal	30h	30h	30h	39h	36h	30h	30h	30h	39h	37h	30h	30h	30h	39h	38h
Character	0	0	0	9	6	0	0	0	9	7	0	0	0	9	8
	NO SIGNAL SHUT-OFF					STANDBY MODE					BAUDRATE				
Hexadecimal	30h	30h	30h	39h	39h	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	0	9	9	0	0	1	0	0	0	0	1	0	1
	PARITY					EMULATE					VOLUME				
Hexadecimal	30h	30h	31h	30h	32h	30h	30h	31h	30h	33h	30h	30h	31h	30h	34h
Character	0	0	1	0	2	0	0	1	0	3	0	0	1	0	4
	AUDIO BALANCE					AUDIO in STANDBY mode					AUDIO IN SELECT (VIDEO)				
Hexadecimal	30h	30h	31h	30h	35h	30h	30h	31h	30h	36h	30h	30h	31h	30h	37h
Character	0	0	1	0	5	0	0	1	0	6	0	0	1	0	7
	AUDIO IN SELECT (S-VIDEO)					AUDIO IN SELECT (RGB1)					AUDIO IN SELECT (RGB2)				
Hexadecimal	30h	30h	31h	30h	38h	30h	30h	31h	30h	39h	30h	30h	31h	31h	30h
Character	0	0	1	0	8	0	0	1	0	9	0	0	1	1	0
	AUDIO IN SELECT (DVI-D)					AUDIO IN SELECT (HDMI)					AUDIO IN SELECT (NETWORK)				
Hexadecimal	30h	30h	31h	31h	31h	30h	30h	31h	31h	32h	30h	30h	31h	31h	33h
Character	0	0	1	1	1	0	0	1	1	2	0	0	1	1	3
	TIME ZONE					ADJUST CLOCK					PROJECTOR NAME				
Hexadecimal	30h	30h	31h	31h	34h	30h	30h	31h	31h	35h	30h	30h	31h	31h	36h
Character	0	0	1	1	4	0	0	1	1	5	0	0	1	1	6
	WIRED LAN					WIRELESS LAN					LIVE MODE CUT IN				
Hexadecimal	30h	30h	31h	31h	37h	30h	30h	31h	31h	38h	30h	30h	31h	31h	39h
Character	0	0	1	1	7	0	0	1	1	8	0	0	1	1	9
	NETWORK PASSWORD					NETWORK PASSWORD CHANGE					LIVE MODE CUT IN				
Hexadecimal	30h	30h	31h	32h	30h	30h	30h	31h	32h	31h	30h	30h	31h	32h	32h
Character	0	0	1	2	0	0	0	1	2	1	0	0	1	2	2
	COMPUTER SEARCH					MULTI-LIVE					NETWORK STATUS				
Hexadecimal	30h	30h	31h	32h	33h	30h	30h	31h	32h	34h	30h	30h	31h	32h	35h
Character	0	0	1	2	3	0	0	1	2	4	0	0	1	2	5

2.149. Query SUB MEMORY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	42h	03h
Character		A	D	Z	Z	;	Q	S	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4)

When do not use sub memory, ER401 is returned.

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

2.150. Query PICTURE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	4Dh	03h
Character		A	D	Z	Z	;	Q	P	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	NATURAL			STANDARD			DYNAMIC		
Hexadecimal	4Eh	41h	54h	4Eh	41h	54h	4Eh	41h	54h
Character	N	A	T	N	A	T	N	A	T

	CINEMA			GRAPHIC			DICOM SIM.		
Hexadecimal	43h	49h	4Eh	43h	49h	4Eh	43h	49h	4Eh
Character	C	I	N	C	I	N	C	I	N
	REC709								
Hexadecimal	37h	30h	39h						
Character	7	0	9						

2.151. Query COLOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	43h	03h
Character		A	D	Z	Z	;	Q	V	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.152. Query TINT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	54h	03h
Character		A	D	Z	Z	;	Q	V	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.153. Query COLOR TEMPERATURE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	45h	03h
Character		A	D	Z	Z	;	Q	T	E	

■Response (Callback)

DEFAULT

Hexadecimal	02h	31h	30h	03h
Character		1	0	

MIDDLE

Hexadecimal	02h	31h	03h
Character		1	

HIGH

Hexadecimal	02h	32h	03h
Character		2	

USER

Hexadecimal	02h	34h	03h
Character		4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

2.154. Query WHITE BALANCE LOW - RED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	52h	03h
Character		A	D	Z	Z	;	Q	O	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	124			125			126		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.155. Query WHITE BALANCE LOW - GREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	47h	03h
Character		A	D	Z	Z	;	Q	O	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	31h	30h	30h	31h
Character	0	0	1	0	0	1	0	0	1
	124			125			126		
Hexadecimal	32h	35h	33h	32h	35h	33h	32h	35h	33h
Character	2	5	3	2	5	3	2	5	3

2.156. Query WHITE BALANCE LOW - BLUE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	42h	03h
Character		A	D	Z	Z	;	Q	O	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	31h	30h	30h	31h
Character	0	0	1	0	0	1	0	0	1
	124			125			126		
Hexadecimal	32h	35h	33h	32h	35h	33h	32h	35h	33h
Character	2	5	3	2	5	3	2	5	3

2.157. Query WHITE BALANCE HIGH - RED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	52h	03h
Character		A	D	Z	Z	;	Q	H	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.158. Query WHITE BALANCE HIGH - GREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	47h	03h
Character		A	D	Z	Z	;	Q	H	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.159. Query WHITE BALANCE HIGH - BLUE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	42h	03h
Character		A	D	Z	Z	;	Q	H	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.160. Query CONTRAST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	52h	03h
Character		A	D	Z	Z	;	Q	V	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.161. Query BRIGHTNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	42h	03h
Character		A	D	Z	Z	;	Q	V	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.162. Query WHITE GAIN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	57h	48h	03h
Character		A	D	Z	Z	;	Q	W	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
x	x	x	x	o	x	o	o

■Parameters(*1,*2,*3,*4,*5,*6)

	0		1		2	
Hexadecimal	30h	30h	30h	31h	30h	32h
Character	0	0	0	1	0	2
	8		9		10	
Hexadecimal	30h	38h	30h	39h	31h	30h
Character	0	8	0	9	1	0

2.163. Query DAYLIGHT VIEW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Ch	56h	49h	30h	03h				
Character	D	L	V	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	56h	49h	30h	3Dh	2Bh
Character		D	L	V	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	o	o	o	o	o

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF				AUTO				1 (Low)			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	2 (Medium)				3 (High)							
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h		
Character	0	0	0	0	3	0	0	0	0	4		

2.164. Query SHARPNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	53h	03h
Character		A	D	Z	Z	;	Q	V	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
o	x	x	x	o	o	o	o

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	13			14			15		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

2.165. Query NOISE REDUCTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Eh	53h	03h
Character		A	D	Z	Z	:	Q	N	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	ECO STANDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2)

	OFF	1 (Low)	2 (Medium)	3 (High)
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.166. Query AI

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	49h	03h
Character		A	D	Z	Z	.	Q	A	I	

Character	
■ Response (Callback)	

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	ECO STANDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

- Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.167. Query DIGITAL CINEMA REALITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	44h	03h
Character		A	D	Z	Z	:	Q	P	D	

■ Response (Callback)	
-----------------------	--

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

- Parameters(*1,*2)

	AUTO	OFF	30p or 25p FIXED
Hexadecimal	30h	31h	31h
Character	0	1	1

2.168. Query TV SYSTEM

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	47h	03h
Character		A	D	Z	Z	:	Q	S	G	

Character:	
■Response (Callback)	

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	AUTO			NTSC					
Hexadecimal	41h	54h	31h	4Eh	54h	53h			
Character	A	T	1	N	T	S			
	NTSC4.43			PAL			PAL-M		
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh
Character	N	4	4	P	A	L	P	A	M
	PAL-N			SECAM			PAL60		
Hexadecimal	50h	41h	4Eh	53h	45h	43h	50h	36h	30h
Character	P	A	N	S	E	C	P	6	0

2.169. Query SHIFT - Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	48h	03h
Character		A	D	Z	Z	;	Q	T	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

2.170. Query SHIFT - Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	56h	03h
Character		A	D	Z	Z	;	Q	T	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	1				2				3			
Hexadecimal	30h	30h	30h	31h	30h	30h	30h	32h	30h	30h	30h	33h
Character	0	0	0	1	0	0	0	2	0	0	0	3
	4092				4093				4095			
Hexadecimal	34h	30h	39h	32h	34h	30h	39h	33h	34h	30h	39h	35h
Character	4	0	9	2	4	0	9	3	4	0	9	5

2.171. Query RASTER POSITION - Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	52h	48h	03h
Character		A	D	Z	Z	;	Q	R	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

2.172. Query RASTER POSITION – Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	52h	56h	03h
Character		A	D	Z	Z	;	Q	R	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3

	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

2.173. Query ASPECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	45h	03h
Character		A	D	Z	Z	;	Q	S	E	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STNDBY	ECO SYNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4)

Input terminal: VIDEO, Input signal: NTSC

	VID AUTO	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

Input terminal: VIDEO, Input signal: Except NTSC

	STANDARD	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

Input terminal: S-VIDEO, Input signal: NTSC

	VID AUTO	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT	S1 AUTO	VID AUTO	
Hexadecimal	39h	31h	30h	32h	30h
Character	9	1	0	2	0

Input terminal: S-VIDEO, Input signal: Except NTSC

	STANDARD	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

Input terminal: Except VIDEO/S-VIDEO

	STANDARD	4:3	16:9	THROUGH	HV FIT
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6
	H FIT	V FIT			
Hexadecimal	39h	31h	30h		
Character	9	1	0		

2.174. Query ZOOM - Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	48h	03h
Character		A	D	Z	Z	;	Q	Z	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	×	○

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

2.175. Query ZOOM - Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	56h	03h
Character		A	D	Z	Z	;	Q	Z	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	×	○

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

2.176. Query ZOOM – H/V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	4Fh	03h
Character		A	D	Z	Z	;	Q	Z	O	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	×	○

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

2.177. Query ZOOM - INTERLOCKED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	53h	03h
Character		A	D	Z	Z	;	Q	Z	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	×	○

■Parameters(*1,*2)

	OFF		ON	
Hexadecimal	30h		31h	
Character	0		1	

2.178. Query ZOOM NODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	54h	03h
Character		A	D	Z	Z	;	Q	Z	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	×	○

■Parameters(*1,*2)

	INTERNAL		FULL	
Hexadecimal	30h		31h	
Character	0		1	

2.179. Query CLOCK PHASE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	43h	50h	03h
Character		A	D	Z	Z	;	Q	C	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY		NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN		REMOTE2
○	x	x		x	○	○	○		○
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _{R1}	YP _B P _{R2}	DVI	HDMI	NETWORK	
x	x	○	○	○	○	x	x	x	

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	61			62			63		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.180. Query INPUT RESOLUTION – TOTAL DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	44h	03h
Character		A	D	Z	Z	;	Q	T	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY		NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN		REMOTE2
○	x	x		x		○	○		○
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _{R1}	YP _B P _{R2}	DVI	HDMI	NETWORK	
x	x	○	○	x	x	x	x	x	

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	330				331			
Hexadecimal	30h	33h	33h	30h	30h	33h	33h	31h
Character	0	3	3	0	0	3	3	1
	4095				4096			
Hexadecimal	34h	30h	39h	35h	34h	30h	39h	36h
Character	4	0	9	5	4	0	9	6

2.181. Query INPUT RESOLUTION – DISPLAY DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	44h	03h
Character		A	D	Z	Z	;	Q	D	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY		NO SIGNAL		AV MUTE		FREEZE		TEST PATTERN		REMOTE2	
○	x	x		x		○		○		○		○	
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _{R1}		YP _B P _{R2}		DVI	HDMI	NETWORK			
x	x	○	○	x		x		x	x	x			

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	2065				2066			
Hexadecimal	32h	30h	36h	35h	32h	30h	36h	36h
Character	2	0	6	5	2	0	6	6

2.182. Query INPUT RESOLUTION – TOTAL LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	4Ch	03h
Character		A	D	Z	Z	;	Q	T	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY		NO SIGNAL		AV MUTE		FREEZE		TEST PATTERN		REMOTE2	
○	×	×		×		○		○		○		○	
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _{R1}		YP _B P _{R2}		DVI		HDMI		NETWORK	
×	×	○	○	×		×		×		×		×	

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	306				307			
Hexadecimal	30h	33h	30h	36h	30h	33h	30h	37h
Character	0	3	0	6	0	3	0	7
	2046				2047			
Hexadecimal	32h	30h	34h	36h	32h	30h	34h	37h
Character	2	0	4	6	2	0	4	7

2.183. Query INPUT RESOLUTION – DISPLAY LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	4Ch	03h
Character		A	D	Z	Z	;	Q	D	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY		NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN		REMOTE2
○	x	x		x	○	○	○		○
VIDEO	S-VIDEO	RGB1	RGB2	YP _B P _R 1	YP _B P _R 2	DVI	HDMI	NETWORK	
x	x	○	○	x	x	x	x	x	

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	1199				1200			
Hexadecimal	31h	31h	39h	39h	31h	32h	30h	30h
Character	1	1	9	9	1	2	0	0

2.184. Query BLANKING - Top

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	55h	03h
Character		A	D	Z	Z	;	Q	L	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	x	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT-DZ570

	597			598			599		
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

PT-DX500

	381			382			383		
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

PT-DW530

	397			398			399		
Hexadecimal	33h	39h	37h	33h	39h	31h	33h	39h	39h
Character	3	9	7	3	9	1	3	9	9

2.185. Query BLANKING - Bottom

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	42h	03h
Character		A	D	Z	Z	;	Q	L	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT-DZ570

	597			598			599		
Hexadecimal	35h	39h	37h	35h	39h	37h	35h	39h	37h
Character	5	9	7	5	9	7	5	9	7

PT-DX500

	381			382			383		
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

PT-DW530

	397			398			399		
Hexadecimal	33h	39h	37h	33h	39h	31h	33h	39h	39h
Character	3	9	7	3	9	1	3	9	9

2.186. Query BLANKING - Right

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	52h	03h
Character		A	D	Z	Z	;	Q	L	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

PT-DZ570

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

PT-DX500

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

PT-DW530

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

2.187. Query BLANKING - Left

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	4Ch	03h
Character		A	D	Z	Z	;	Q	L	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

PT-DZ570

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

PT-DX500

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

PT-DW530

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

2.188. Query FRAME RESPONSE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	46h	44h	59h	49h	30h	03h				
Character	F	D	Y	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	44h	59h	49h	30h	3Dh	2Bh
Character		F	D	Y	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NORMAL					FAST				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.189. Query COLOR MATCHING

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	4D4h	41h	49h	30h	03h				
Character	C	M	A	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	4D4h	41h	49h	30h	3Dh	2Bh
Character		C	M	A	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					3COLORS					7COLORS				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
30hCharacter	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	MEASURED														
Hexadecimal	30h	30h	30h	30h	34h										
Character	0	0	0	0	4										

2.190. Query COLOR CORRECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	43h	03h
Character		A	D	Z	Z	;	Q	M	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	×	○

■Parameters(*1,*2)

	OFF	USER
Hexadecimal	30h	31h
Character	0	1

2.191. Query CLAMP POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	54h	03h
Character		A	D	Z	Z	;	Q	L	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY		NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN		REMOTE2
○	×	×		×	○	○	○		○
VIDEO	S-VIDEO	RGB1	RGB2	YP _B PR1	YP _B PR2	DVI	HDMI	NETWORK	
×	×	○	○	○	○	×	×	×	

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.192. Query KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Bh	53h	03h
Character		A	D	Z	Z	;	Q	K	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	+125			+126			+127		
Hexadecimal	32h	35h	32h	32h	35h	33h	32h	35h	34h
Character	2	5	2	2	5	3	2	5	4

2.193. Query SUB KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Bh	03h
Character		A	D	Z	Z	;	Q	S	K	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-63			-62			-61		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	+61			+62			+63		
Hexadecimal	31h	32h	34h	31h	32h	35h	31h	32h	36h
Character	1	2	4	1	2	5	1	2	6

2.194. Query LINEARITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	49h	03h
Character		A	D	Z	Z	;	Q	L	I	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	+125			+126			+127		
Hexadecimal	32h	35h	32h	32h	35h	33h	32h	35h	34h
Character	2	5	2	2	5	3	2	5	4

2.195. Query DISPLAY LANGUAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	47h	03h
Character		A	D	Z	Z	;	Q	L	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4Ah	50h	4Eh
Character	E	S	P	I	T	L	J	P	N
	Chinese			Russian			Korean		
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h
Character	C	H	I	R	U	S	K	O	R

2.196. Query SCREEN FORMAT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	46h	03h
Character		A	D	Z	Z	;	Q	S	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	16:10		16:9		4:3	
Hexadecimal	30h		31h		32h	
Character	0		1		2	

2.197. Query SCREEN POSITION Vertical

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	56h	53h	50h	49h	30h	03h				
Character	V	S	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	50h	49h	30h	3Dh	*1	*3	*5
Character		V	S	P	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

PT-DZ570

	-60						-59					
Hexadecimal	2Dh	30h	30h	30h	36h	30h	2Dh	30h	30h	30h	35h	39h
Character	—	0	0	0	6	0	—	0	0	0	5	9
	59						60					
Hexadecimal	2Bh	30h	30h	30h	35h	39h	2Bh	30h	30h	30h	36h	30h
Character	+	0	0	0	5	9	+	0	0	0	6	0

PT-DX500

	-96						-95					
Hexadecimal	2Dh	30h	30h	30h	39h	36h	2Dh	30h	30h	30h	39h	35h
Character	—	0	0	0	9	6	—	0	0	0	9	5
	95						96					
Hexadecimal	2Bh	30h	30h	30h	39h	35h	2Bh	30h	30h	30h	39h	36h
Character	+	0	0	0	9	5	+	0	0	0	9	6

PT-DW530

	-40						-39					
Hexadecimal	2Dh	30h	30h	30h	34h	30h	2Dh	30h	30h	30h	33h	39h
Character	—	0	0	0	4	0	—	0	0	0	3	9
	39						40					
Hexadecimal	2Bh	30h	30h	30h	33h	39h	2Bh	30h	30h	30h	34h	30h
Character	+	0	0	0	3	9	+	0	0	0	4	0

2.198. Query SCREEN POSITION Horizontal

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	48h	53h	50h	49h	30h	03h				
Character	H	S	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	53h	50h	49h	30h	3Dh	*1	*3	*5
Character		H	S	P	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

PT-DZ570

	-160						-159					
Hexadecimal	2Dh	30h	30h	31h	36h	30h	2Dh	30h	30h	31h	35h	39h
Character	—	0	0	1	6	0	—	0	0	1	5	9
	159						160					
Hexadecimal	2Bh	30h	30h	31h	35h	39h	2Bh	30h	30h	31h	36h	30h
Character	+	0	0	1	5	9	+	0	0	1	6	0

■Note:

- If specifying it for PT-DW530*/DX500*, ER401 is returned.

2.199. Query TEMPERATURE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	Q	T	M	:	*2	

■Parameters(*1,*2)

	INTAKE AIR TEMP			AROUND LAMP TEMP			OPTICS MODULE TEMP		
Hexadecimal	30h			31h			32h		
Character	0			1			2		

■Response (Callback)

For -20□

		Deg C						Deg F				
Hexadecimal	02h	2Dh	30h	32h	30h	2Fh	2Dh	30h	30h	34h	03h	
Character		-	0	2	0	/	-	0	0	4		

For 120□

		Deg C						Deg F				
Hexadecimal	02h	30h	31h	32h	30h	2Fh	30h	32h	34h	38h	03h	
Character		0	1	2	0	/	0	2	4	8		

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.200. Query DATE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	44h	03h
Character		A	D	Z	Z	;	Q	G	D	

■Response (Callback)

Hexadecimal	02h	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character											

■Parameters

*y1~*y4: Year (4 digits)

*m1~*m2: Month (2 digits)

*d1~*d2: Day (2 digits)

*w: Day of the week (Mon = 1, Tue = 2, Wed = 3, Thu = 4, Fri = 5, Sat = 6, Sun = 7)

Set it by UTC (Coordinated Universal Time).

Example: Tuesday, August 17, 2010

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w
Hexadecimal	32h	30h	31h	30h	30h	38h	31h	37h	32h
Character	2	0	1	0	0	8	1	7	2

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.201. Query TIME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	54h	03h
Character		A	D	Z	Z	;	Q	G	T	

■Response (Callback)

Hexadecimal	02h	*h1	*h2	*m1	*m2	*s1	*s2	03h
Character								

■Parameters

*h1~*h2: Hour (2 digits)

*m1~*m2: Minute (2 digits)

*s1~*s2: Second (2 digits)

Set it by UTC (Coordinated Universal Time).

Example: 3 seconds at 3:45 p.m.

	*h1	*h2	*m1	*m2	*s1	*s2
Hexadecimal	31h	35h	34h	35h	30h	33h
Character	1	5	4	5	0	3

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

2.202. Query CLOCK - NTP SYNCHRONIZATION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Eh	54h	50h	49h	30h	03h				
Character	N	T	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Eh	54h	50h	49h	30h	3Dh	2Bh
Character		N	T	P	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.203. Query MODEL NAME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	44h	03h
Character		A	D	Z	Z	;	Q	I	D	

■Response (Callback)

In the period when the command can be accepted

PT-DZ570

Hexadecimal	02h	44h	5Ah	35h	37h	30h	03h
Character		D	Z	5	7	0	

PT-DX500

Hexadecimal	02h	44h	58h	35h	30h	30h	03h
Character		D	X	5	0	0	

PT-DW530

Hexadecimal	02h	44h	57h	35h	33h	30h	03h
Character		D	W	5	3	0	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

2.204. Query SYSTEM SELECTOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	52h	46h	03h
Character		A	D	Z	Z	;	Q	R	F	

■Response (Callback)

VGA60

Hexadecimal	02h	30h	03h
Character		0	

YPbPr/YCbCr

Hexadecimal	02h	31h	03h
Character		1	

480pRGB

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	x	○	○	○	○

2.205. Query WAVEFORM MONITOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	4Dh	03h
Character		A	D	Z	Z	;	Q	W	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2)

	OFF	Y - LINE	R - LINE	G-LINE	B - LINE
Hexadecimal	30h	35h	36h	37h	38h
Character	0	5	6	7	8

■Note:

- If specifying it for PT-DW530*/DX500*, ER401 is returned.

2.206. Query WAVEFORM MONITOR - Line position

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	57h	4Dh	4Ch	49h	30h	03h				
Character	W	M	L	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	57h	4Dh	4Ch	49h	30h	3Dh	2Bh
Character		W	M	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	1198					1199				
Hexadecimal	30h	31h	31h	39h	38h	30h	31h	31h	39h	39h
Character	0	1	1	9	8	0	1	1	9	9

■Note:

- If specifying it for PT-DW530*/DX500*, ER401 is returned.

2.207. Query AUTO SIGNAL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	41h	53h	49h	30h	03h				
Character	A	A	S	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	41h	53h	49h	30h	3Dh	2Bh
Character		A	A	S	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.208. Query AUTO SETUP - MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	4Dh	03h
Character		A	D	Z	Z	;	Q	A	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	x	○	○	○	○	○

■Parameters(*1,*2)

	USER	DEFAULT	WIDE
Hexadecimal	30h	31h	32h
Character	0	1	2

2.209. Query AUTO SETUP - DISPLAY DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	44h	03h
Character		A	D	Z	Z	;	Q	A	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	+2065				+2066			
Hexadecimal	32h	30h	36h	35h	32h	30h	36h	36h
Character	2	0	6	5	2	0	6	6

2.210. Query AUTO SETUP - POSITION ADJUST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	50h	41h	49h	30h	03h				
Character	A	P	A	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	50h	41h	49h	30h	3Dh	2Bh
Character		A	P	A	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.211. Query AUTO SETUP - SIGNAL LEVEL ADJUST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	53h	4Ch	49h	30h	03h				
Character	A	S	L	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	53h	4Ch	49h	30h	3Dh	2Bh
Character		A	S	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.212. Query RGB SYNC TERMINAL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	54h	52h	49h	*1	03h				
Character	S	T	R	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	52h	49h	*1	3Dh	2Bh
Character		S	T	R	I	*2	=	+
Hexadecimal	*3	*5	*7	*9	*11	03h		
Character	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	RGB1	RGB2
Hexadecimal	30h	31h
Character	0	1

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	LOW					HIGH				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.213. Query DVI EDID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	45h	44h	03h
Character		A	D	Z	Z	;	Q	E	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	EDID1	EDID2(PC)	EDID3
Hexadecimal	31h	32h	33h
Character	1	2	3

2.214. Query DVI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	56h	49h	49h	30h	03h				
Character	D	V	I	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	56h	49h	49h	30h	3Dh	2Bh
Character		D	V	I	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-255:PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.215. Query HDMI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	48h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	48h	53h	4Ch	49h	30h	03h				
Character	H	S	L	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	53h	4Ch	49h	30h	3Dh	2Bh
Character		H	S	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.216. Query SIDE BY SIDE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	50h	03h
Character		A	D	Z	Z	;	Q	P	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	×	○	○

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Note:

- If specifying it for PT-DX500*, ER401 is returned.

2.217. Query SIDE BY SIDE – MAIN INPUT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	4Dh	03h
Character		A	D	Z	Z	;	Q	I	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○	○

■Parameters(*1,*2, *3, *4, *5, *6)

	RGB1			RGB2			Video		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h
Character	R	G	1	R	G	2	V	I	D
	S-Video			DVI			HDMI		
Hexadecimal	53h	56h	44h	44h	56h	49h	48h	44h	30h
Character	S	V	D	D	V	I	H	D	1
	NETWORK								
Hexadecimal	4Eh	57h	50h						
Character	N	W	P						

■Note:

- If specifying it for PT-DX500*, ER401 is returned.

2.218. Query SIDE BY SIDE – SUB INPUT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	53h	03h
Character		A	D	Z	Z	;	Q	I	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	x	○	○

■Parameters(*1,*2, *3, *4, *5, *6)

	RGB1			RGB2			Video		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h
Character	R	G	1	R	G	2	V	I	D
	S-Video			DVI			HDMI		
Hexadecimal	53h	56h	44h	44h	56h	49h	48h	44h	30h
Character	S	V	D	D	V	I	H	D	1
	NETWORK								
Hexadecimal	4Eh	57h	50h						
Character	N	W	P						

■Note:

- If specifying it for PT-DX500*, ER401 is returned.

2.219. Query SIDE BY SIDE – SUB INPUT CLOCK PHASE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	43h	50h	49h	30h	03h				
Character	S	C	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	50h	49h	30h	3Dh	2Bh	*1	*3
Character		S	C	P	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	x	x	○	○	x	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	62					63				
Hexadecimal	30h	30h	30h	36h	32h	30h	30h	30h	36h	33h
Character	0	0	0	6	2	0	0	0	6	3

■Note:

- In the case of PT-DX500, ER401 is returned.

2.220. Query SIDE BY SIDE - MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	42h	4Dh	49h	30h	03h				
Character	S	B	M	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	42h	4Dh	49h	30h	3Dh	2Bh	*1	*3
Character		S	B	M	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	2					3				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■Note:

- If specifying it for PT-DX500*, ER401 is returned.

2.221. Query AUDIO SETTING - VOLUME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	56h	03h
Character		A	D	Z	Z	;	Q	A	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	□	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	61			62			63		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Note:

- During standby, it is effective in the case of AUDIO SETTING IN STANDBY MODE "ON".
Except this case, ER401 is returned.

2.222. Query AUDIO SETTING - BALANCE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	42h	4Ch	03h
Character		A	D	Z	Z	;	Q	B	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	□	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6)

	-16			-15			-14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
Character	—	1	6	—	1	5	—	1	4
	14			15			16		
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

■Note:

- During standby, it is effective in the case of AUDIO SETTING IN STANDBY MODE "ON".
Except this case, ER401 is returned.

2.223. Query AUDIO SETTING – IN STANDBY MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	:	Q	V	X	:
Hexadecimal	41h	53h	42h	49h	30h	03h				
Character	A	S	B	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	48h	49h	30h	3Dh	2Bh	*1	*3
Character		S	C	H	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.224. Query AUDIO SETTING - IN SELECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	:	Q	V	X	:
Hexadecimal	41h	49h	4Eh	49h	*1	03h				
Character	A	I	N	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	49h	4Eh	49h	*1	3Dh	2Bh	*3	*5
Character		A	I	N	I	*2	=	+	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	Video	S-Video	RGB1	RGB2	DVI-D	HDMI	NETWORK
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Input terminal: VIDEO/S-VIDEO/RGB1/RGB2/DVI-D

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

Input terminal:HDMI

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3					HDMI 音声入力				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

Input terminal:NETWORK

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3					NETWORK AUDIO IN				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

2.225. Query SCHEDULE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	:	Q	V	X	:
Hexadecimal	53h	43h	48h	49h	30h	03h				
Character	S	C	H	I	O					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	48h	49h	30h	3Dh	2Bh	*1	*3
Character		S	C	H	I	O	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.226. Query SCHEDULE - Program

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	:	Q	V	X	:
Hexadecimal	53h	50h	47h	49h	*1	03h				
Character	S	P	G	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	47h	49h	*1	3Dh	2Bh	*3	*5
Character		S	P	G	I	*2	=	+	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	SUN	MON	TUE	WED	THU	FRI	SAT
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	OFF					Program1					Program2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	Program3					Program4					Program5				
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5
	Program6					Program7									
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h					
Character	0	0	0	0	6	0	0	0	0	7					

2.227. Query SCHEDULE - COMMAND

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	:	Q	V	X	:
Hexadecimal	53h	43h	43h	53h	*1	3Dh	*3	*5	03h	
Character	S	C	C	S	*2	=	*4	*6		

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	43h	53h	*1	3Dh	2Bh	*3	*5
Character		S	C	C	S	*2	=	+	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	*17	03h			
Character	*8	*10	*12	*14	*16	*18				

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	Program1		Program 2		Program 3		Program 4	
Hexadecimal	31h		32h		33h		34h	
Character	1		2		3		4	
	Program 5		Program 6		Program 7			
Hexadecimal	35h		36h		37h			
Character	5		6		7			

■Parameters(*3, *4, *5, *6)

	Program1		Program 2		Program 3		Program 4	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	Program 5		Program 6		Program 7		Program 5	
Hexadecimal	31h	33h	31h	34h	31h	35h	31h	36h
Character	1	3	1	4	1	5	1	6

■Parameters(*7, *8, *9, *10)

	COMMAND Delete		STANDBY		POWER ON		AV MUTE OFF		AV MUTE ON	
Hexadecimal	30h	30h	31h	30h	31h	31h	32h	30h	32h	31h
Character	0	0	1	0	1	1	2	0	2	1
	INPUT RGB1		INPUT RGB2		INPUT Video		INPUT S-Video		INPUT DVI	
Hexadecimal	33h	31h	33h	32h	34h	31h	34h	32h	35h	31h
Character	3	1	3	2	4	1	4	2	5	1
	INPUT HDMI		INPUT NETWORK							
Hexadecimal	35h	35h	36h	31h						
Character	5	5	6	1						
	LAMP POWER NORMAL		LAMP POWER ECO							
Hexadecimal	37h	30h	37h	31h						
Character	7	0	7	1						
	SIDE BY SIDE MODE OFF		SIDE BY SIDE MODE 1		SIDE BY SIDE MODE 2		SIDE BY SIDE MODE 3			
Hexadecimal	39h	30h	39h	31h	39h		32h	39h	33h	
Character	9	0	9	1	9		2	9	3	
	IN STANDBY MODE (AUDIO) OFF		IN STANDBY MODE (AUDIO) ON							
Hexadecimal	41h	30h	41h	31h						
Character	A	0	A	1						
	VOLUME 0		VOLUME1		VOLUME 1		VOLUME 2			
Hexadecimal	43h	30h	43h	31h	43h	32h	43h	33h		
Character	C	0	C	1	C	2	C	3		
	VOLUME 60		VOLUME 61		VOLUME 62		VOLUME 63			
Hexadecimal	46h	43h	46h	44h	46h	45h	46h	46h		
Character	F	C	F	D	F	E	F	F		

■Parameters(*11, *12, *13, *14, *15, *16, *17, *18)

	00:00				00:01				00:02			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	23:57				23:58				23:59			
Hexadecimal	32h	33h	35h	37h	32h	33h	35h	38h	32h	33h	35h	39h
Character	2	3	5	7	2	3	5	8	2	3	5	9

2.228. Query ECO MANAGEMENT - AUTO POWER SAVE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	30h	03h				
Character	E	C	O	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	30h	3Dh	2Bh	*1	*3
Character		E	C	O	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.229. Query ECO MANAGEMENT - AMBIENT LIGHT DETECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	31h	03h				
Character	E	C	O	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	31h	3Dh	2Bh	*1	*3
Character		E	C	O	I	1	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.230. Query ECO MANAGEMENT - SIGNAL DETECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	32h	03h				
Character	E	C	O	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	32h	3Dh	2Bh	*1	*3
Character		E	C	O	I	2	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.231. Query ECO MANAGEMENT - AV MUTE DETECTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	33h	03h				
Character	E	C	O	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	33h	3Dh	2Bh	*1	*3
Character		E	C	O	I	3	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.232. Query NO SIGNAL SHUT-OFF

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	46h	03h
Character		A	D	Z	Z	;	Q	A	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4)

	DISABLE		10 min		20 min		30 min		40 min	
Hexadecimal	30h	30h	31h	30h	32h	30h	33h	30h	34h	30h
Character	0	0	1	0	2	0	3	0	4	0
	50 min		60 min		70 min		80 min		90 min	
Hexadecimal	35h	30h	36h	30h	37h	30h	38h	30h	39h	30h
Character	5	0	6	0	7	0	8	0	9	0

2.233. Query STANDBY MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	54h	4Dh	49h	30h	03h				
Character	S	T	M	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	4Dh	49h	30h	3Dh	2Bh	*1	*3
Character		S	T	M	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NORMAL					ECO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

2.234. Query OSD - INPUT GUIDE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	49h	03h
Character		A	D	Z	Z	;	Q	D	I	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.235. Query OSD - WARNING MESSAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	57h	4Dh	44h	49h	30h	03h				
Character	W	M	D	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	4Dh	44h	49h	30h	3Dh	2Bh	*1	*3
Character		W	M	D	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	×	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.236. Query OSD - DESIGN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	44h	03h
Character		A	D	Z	Z	;	Q	O	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	x	○	○	○	○	○

■Parameters(*1,*2)

	1	2	3	4	5	6
Hexadecimal	30h	31h	32h	33h	34h	35h
Character	0	1	2	3	4	5

2.237. Query OSD - POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	50h	03h
Character		A	D	Z	Z	;	Q	D	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	x	○	○	○	○	○

■Parameters(*1,*2)

	Top left	Left center	Bottom left	Top center	Center	Bottom center
Hexadecimal	31h	32h	33h	34h	35h	36h
Character	1	2	3	4	5	6
	Top right	Right center	Bottom right			
Hexadecimal	37h	38h	39h			
Character	7	8	9			

2.238. Query OSD - MEMORY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Fh	4Dh	59h	49h	30h	03h				
Character	O	M	Y	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	59h	49h	30h	3Dh	2Bh	*1	*3
Character		O	M	Y	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	x	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

2.239. Query STARTUP LOGO

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	4Fh	03h
Character		A	D	Z	Z	;	Q	L	O	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	x	○	○	○	○	○

■Parameters(*1,*2)

	NONE	LOGO1	LOGO2
Hexadecimal	30h	31h	32h
Character	0	1	2

2.240. Query BACK COLOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	42h	43h	03h
Character		A	D	Z	Z	;	Q	B	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○	○

■Parameters(*1,*2)

	BLUE	BLACK	LOGO1	LOGO2
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.241. Query CLOSED CAPTION SETTING

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	43h	43h	03h
Character		A	D	Z	Z	;	Q	C	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	×	×	×	○	○	○	○

■Parameters(*1,*2)

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

2.242. Query SERIAL NUMBER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Eh	03h
Character		A	D	Z	Z	;	Q	S	N	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	~	*21	*23	03h
Character		*2	*4		*22	*24	

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4 ~*21,*22,*23,*24)

The set serial number is returned.

Example: Serial number unsetting

Hexadecimal	02h	03h
Character		

Example: When SW0101234 is set to the serial number

Hexadecimal	02h	53h	57h	30h	31h	30h	31h	32h	33h	34h	03h
Character		S	W	0	1	0	1	2	3	4	

2.243. Query Query Lamp unit Part No.

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:

Hexadecimal	4Ch	4Dh	4Eh	53h	30h	03h
Character	L	M	N	S	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	4Dh	4Eh	53h	30h	3Dh	*1	*3	*5
Character		L	M	N	S	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	*17	03h			
Character	*8	*10	*12	*14	*16	*18				

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4 ~*15,*16, *17, *18)

The set lamp unit part number is returned.

Example: For PT-DZ570*/DW530*/DX500*

Hexadecimal	45h	54h	2Dh	4Ch	41h	44h	36h	30h	41h
Character	E	T	—	L	A	D	6	0	A

2.244. Query MAIN-CPU Software Version

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	30h	03h				
Character	S	V	R	S	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	4Dh	49h	30h	3Dh	*1	*3	*5
Character		S	T	M	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12,*13,*14,*15,*16)

Example: Ver 1.00

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

■Note:

- Response a parameter of the undefined length.

2.245. Query NETWORK-CPU Software Version

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	31h	03h				
Character	S	V	R	S	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	4Dh	49h	31h	3Dh	*1	*3	*5
Character		S	T	M	I	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Example: Ver 1.00

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

■Note:

- Response a parameter of the undefined length.

2.246. Query SUB-CPU Software Version

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	32h	03h				
Character	S	V	R	S	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	4Dh	49h	32h	3Dh	*1	*3	*5
Character		S	T	M	I	2	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Example: Ver 1.00.00

Hexadecimal	30h	31h	30h	30h	30h	30h
Character	0	1	0	0	0	0

■Note:

- Response a parameter of the undefined length.

3. Extended Control Command

Start (STX)	ID	Command	Parameters	End (ETX)
1 byte	1 byte	1 byte or 2 bytes	Undefined length	1 byte

ID of the extended control command

ID	Hexadecimal (1 byte)	ID	Hexadecimal (1 byte)	ID	Hexadecimal (1 byte)
ID オール	00	ID23	17	ID46	2E
ID1	01	ID24	18	ID47	2F
ID2	02	ID25	19	ID48	30
ID3	03	ID26	1A	ID49	31
ID4	04	ID27	1B	ID50	32
ID5	05	ID28	1C	ID51	33
ID6	06	ID29	1D	ID52	34
ID7	07	ID30	1E	ID53	35
ID8	08	ID31	1F	ID54	36
ID9	09	ID32	20	ID55	37
ID10	0A	ID33	21	ID56	38
ID11	0B	ID34	22	ID57	39
ID12	0C	ID35	23	ID58	3A
ID13	0D	ID36	24	ID59	3B
ID14	0E	ID37	25	ID60	3C
ID15	0F	ID38	26	ID61	3D
ID16	10	ID39	27	ID62	3E
ID17	11	ID40	28	ID63	3F
ID18	12	ID41	29	ID64	40
ID19	13	ID42	2A		
ID20	14	ID43	2B		
ID21	15	ID44	2C		
ID22	16	ID45	2D		

3.1. SELF CHECK Information

Hexadecimal	02h	*1	FEh	03h
Remarks	STX	ID	Command	ETX

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*5	FEh	*2	*3	*4	*5	*6	*7	*8	*9	03h
	STX	ID		Parameters1				Parameters2				ETX

Acceptability

SECURITY	STNDBY	ECO STNDBY	NO SIGNAL	AV MUTE	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○	○

■Parameters1 (*2,*3,*4,*5)

	*2					*3					*4					*5							
Bit	31				24	23					16	15					8	7					0

Bit	Name	Description	Condition of Clear Bit
bit31	Main CPU error	The main CPU circuit is abnormal. It is a breakdown when not recovering even if the power is turned on again.	Power ON
bit30	Fan error	The fan and/or fan drive circuit is abnormal. It is a breakdown when not recovering even if the power is turned on again.	Power ON
bit29	Optical module temperature error	Abnormally high temperature is detected inside this projector and the shutdown has occurred. - The ventilation holes may be closed.	Power ON
bit28	Intake air temperature error	- The ambient temperature in the place of use may be too high. - The air filter may accumulate dust.	Power ON
bit27	Lamp surroundings temperature error		Power ON
bit26			
bit25			
bit24	LAMP time error (Shutdown)	The lamp ON time exceeds specified cumulative usage time, and becomes a period when the lamp unit is replaced.	LAMP reset
bit23			
bit22	LAMP turning ON failure	It fails in the turning ON the lamp. - The power may have been turned on straight away after it was turned off.	LAMP1 ON success or Power ON
bit21			
bit20			
bit19	Optical module thermosensor disconnected	The thermosensor in this projector has breaking of wire, or connector A13 is disconnected.	MAIN POWER ON
bit18	Intake air thermosensor disconnected	The intake air thermosensor has breaking of wire, or connector A10 is disconnected.	MAIN POWER ON
bit17	Lamp surroundings thermosensor disconnected	The lamp surroundings thermosensor has breaking of wire, or connector A11 is disconnected.	MAIN POWER ON
bit16	Warning of battery for clock	It is necessary to replace the battery (CR2032) on the battery holder B1401.	Battery replacement
bit15	Warning of optical module low temperature	The ambient temperature in the place of use may be 0°C or lower. If the temperature inside this projector does not rise within 5 minutes after the turning on the lamp, the shutdown occurs.	- Becomes higher than the warning release temperature during power-on. - Power ON

Bit	Name	Description	Condition of Clear Bit
bit14	Warning of optical module high temperature	The temperature inside this projector has become high. If the temperature rises any further, the shutdown occurs. - The ventilation holes may be closed. - The ambient temperature in the place of use may be too high. - The air filter may accumulate dust.	- Becomes lower than the warning release temperature during power-on. - Power ON
bit13	Warning of intake air high temperature		
bit12	Warning of exhaust air or lamp surroundings high temperature		
bit11	For test	The value is undefined.	—
bit10	Clogged filter warning		
bit09			
bit08			
bit07			
bit06	LAMP time warning	It becomes a period when the lamp unit is replaced. Prepare a new lamp unit. The shutdown will occur within 200 hours.	LAMP reset
bit05			
bit04			
bit03	Airflow sensor disconnected	The airflow sensor has breaking of wire, or connector A12 is disconnected.	MAIN POWER ON
bit02	Color wheel rotation error	The color wheel and/or color wheel drive circuit is abnormal. It is a breakdown when not recovering even if the power is turned on again.	MAIN POWER ON
bit01			
bit00			

■Parameters2(*6,*7,*8,*9)

For extension, the value is undefined.