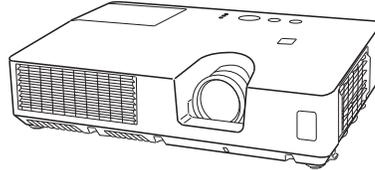


Projector
8755L-RJ/8794H-RJ
8795H-RJ

User's Manual (detailed)
Operating Guide

DUKANE



Thank you for purchasing this projector.

⚠ WARNING ▶ Before using this product, please read all manuals for this product. Be sure to read **Safety Guide** first. After reading them, store them in a safe place for future reference.

About this manual

Various symbols are used in this manual. The meanings of these symbols are described below.

⚠ WARNING This symbol indicates information that, if ignored, could possibly result in personal injury or even death due to incorrect handling.

⚠ CAUTION This symbol indicates information that, if ignored, could possibly result in personal injury or physical damage due to incorrect handling.

NOTICE This entry notices of fear of causing trouble.

 Please refer to the pages written following this symbol.

NOTE • The information in this manual is subject to change without notice.
• The manufacturer assumes no responsibility for any errors that may appear in this manual.
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Introduction

Features

The projector provides you with the broad use by the following features.

- ✓ This projector has a variety of I/O ports that supposedly cover for any business scene. The **HDMI** port can support various image equipment which have digital interface to get clearer pictures on a screen.
- ✓ If you insert a USB storage device, such as a USB memory, into the **USB TYPE A** port and select the port as the input source, you can view images stored in the device.
- ✓ This projector can be controlled and monitored via LAN connection. Furthermore, you can use the designated USB wireless adapter (optional) to establish wireless LAN connection.
- ✓ This compact, lightweight projector uses a front exhaust system that keeps the user comfortable by directing hot air away from the user.

Checking the contents of package

Please see the **Contents of package** section in the **User's Manual (concise)** which is a book. Your projector should come with the items shown there. Require of your dealer immediately if any items are missing.

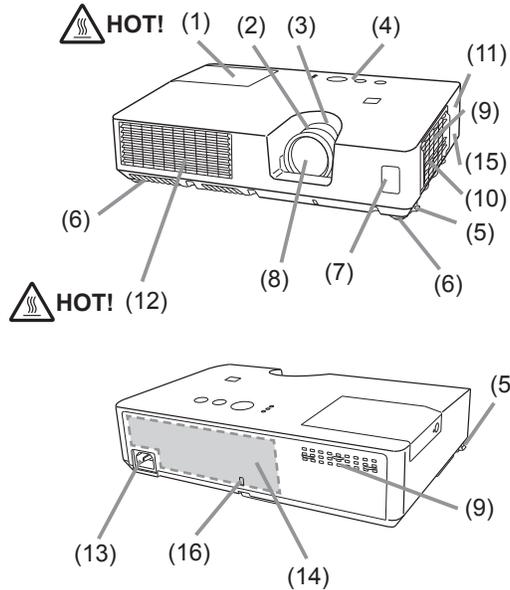
⚠ WARNING ▶ Keep small parts away from children and pets. Take care not to put in the mouth. If swallowed, consult a physician immediately for emergency treatment.

NOTE • Keep the original packing materials, for future reshipment. Be sure to use the original packing materials when moving the projector. Use special caution for the lens.

- The projector may make a rattling sound when tilted, moved or shaken, since a flap to control the air flow inside of the projector has moved. Be aware that this is not a failure or malfunction.

Part names

- (1) Lamp cover (📖93)
The lamp unit is inside.
- (2) **FOCUS** ring (📖24)
- (3) **ZOOM** ring (📖24)
- (4) Control panel (📖5)
- (5) Elevator buttons (x 2) (📖24)
- (6) Elevator feet (x 2) (📖24)
- (7) Remote sensor (📖17)
- (8) Lens (📖97)
- (9) Intake vents
- (10) Filter cover (📖95)
The air filter and intake vent are inside.
- (11) Speaker (📖46)
- (12) Exhaust vent
- (13) **AC IN** (AC inlet) (📖15)
- (14) Rear panel (📖5)
- (15) Security bar (📖16)
- (16) Security slot (📖16)



⚠️ WARNING ▶ Do not open or remove any portion of the product, unless the manuals direct it.

▶ Do not subject the projector to unstable conditions.

▶ Do not apply a shock or pressure to this product.

▶ Do not look into the lens and the openings on the projector while the lamp is on.

⚠️ CAUTION ▶ Do not touch around the lamp cover and the exhaust vents during use or just after use, since it is too hot.

▶ Do not attach anything onto the lens except the lens cover of this projector because it could damage the lens, such as melting the lens.



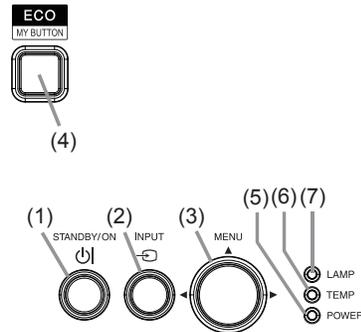
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Part names (continued)**Control panel**

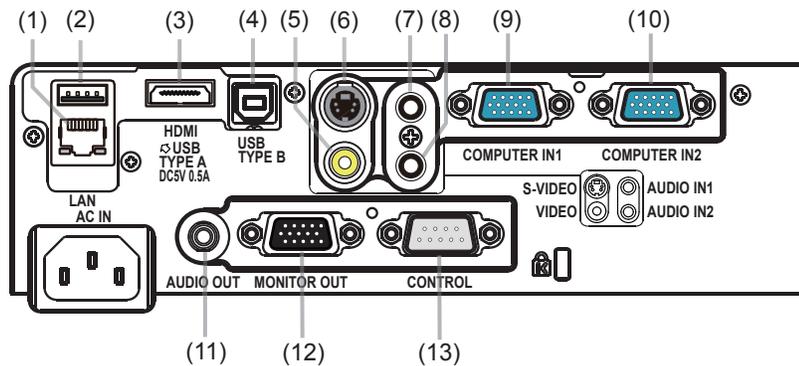
- (1) **STANDBY/ON** button (19)
- (2) **INPUT** button (22, 29)
- (3) **MENU** button (29)

It consists of four cursor buttons.

- (4) **ECO** button (44)
- (5) **POWER** indicator (19, 100)
- (6) **TEMP** indicator (100)
- (7) **LAMP** indicator (100)

**Rear panel (11 ~ 14)**

- | | |
|----------------------------|-------------------------------|
| (1) LAN port | (8) AUDIO IN2 port |
| (2) USB TYPE A port | (9) COMPUTER IN1 port |
| (3) HDMI port | (10) COMPUTER IN2 port |
| (4) USB TYPE B port | (11) AUDIO OUT port |
| (5) VIDEO port | (12) MONITOR OUT port |
| (6) S-VIDEO port | (13) CONTROL port |
| (7) AUDIO IN1 port | |

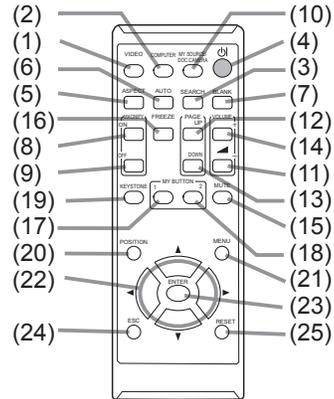


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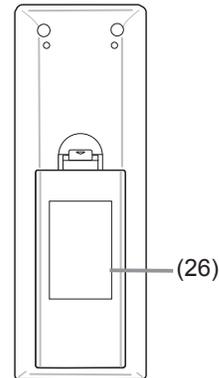
Part names (continued)

Remote control

- (1) VIDEO button (📖22)
- (2) COMPUTER button (📖22)
- (3) SEARCH button (📖23)
- (4) STANDBY/ON button (📖19)
- (5) ASPECT button (📖23)
- (6) AUTO button (📖25)
- (7) BLANK button (📖28)
- (8) MAGNIFY - ON button (📖27)
- (9) MAGNIFY - OFF button (📖27)
- (10) MY SOURCE/DOC.CAMERA button (📖22, 57)
- (11) VOLUME - button (📖21)
- (12) PAGE UP button (📖18)
- (13) PAGE DOWN button (📖18)
- (14) VOLUME + button (📖21)
- (15) MUTE button (📖21)
- (16) FREEZE button (📖28)
- (17) MY BUTTON - 1 button (📖56, 57)
- (18) MY BUTTON - 2 button (📖56, 57)
- (19) KEYSTONE button (📖26)
- (20) POSITION button (📖25, 29)
- (21) MENU button (📖29)
- (22) ▲/▼/◀/▶ cursor buttons (📖29)
- (23) ENTER button (📖29)
- (24) ESC button (📖29)
- (25) RESET button (📖29)
- (26) Battery cover (📖17)



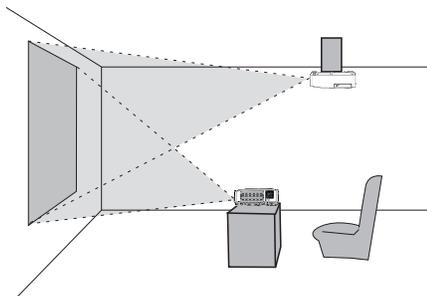
Back of the remote control



Setting up

Install the projector according to the environment and manner the projector will be used in.

For the case of installation in a special state such as ceiling mount, the specified mounting accessories ([Specifications](#) in the **User's Manual (concise)**) and service may be required. Before installing the projector, consult your dealer about your installation.



Arrangement

Refer to tables **T-1** and **T-2** at the back of **User's Manual (concise)** as well as the following to determine the screen size and projection distance.

The values shown in the table are calculated for a full size screen.

- Ⓐ Screen size (diagonal)
- Ⓑ Projection distance ($\pm 10\%$, from the projector's end)
- Ⓒ¹, Ⓒ² Screen height ($\pm 10\%$)

- If the projector is used at an altitude of about 1600 m (5250 feet) or higher, set ALTITUDE of the SERVICE item in the OPTION menu to HIGH ([57](#)). Otherwise, set it to NORMAL. If the projector is used with a wrong setting, it may cause damage to the projector itself or the parts inside.

(continued on next page)

Arrangement (continued)

⚠ WARNING ▶ Install the projector where you can access the power outlet easily. If an abnormality should occur, unplug the projector urgently. Otherwise it could cause a fire or electric shock.

▶ Do not subject the projector to unstable conditions. If the projector falls or topples over, it could result in injury or damage to the projector and the surrounding things. Using a damaged projector could result in a fire and an electric shock.

- Do not place the projector in unstable places, such as an inclined surface, places subject to vibration, on top of a wobbly table or cart, or a surface that is smaller than the projector.
- Do not put the projector on its side, front or rear position.
- Do not attach nor place anything on the projector unless otherwise specified in the manual.
- Do not use any mounting accessories except the accessories specified by the manufacturer. Read and keep the manuals of the accessories used.
- For special installation such as ceiling mounting, be sure to consult your dealer beforehand.

▶ Do not install the projector near thermally conductive or flammable things. Such things when heated by the projector could result in a fire and burns.

- Do not place the projector on a metal stand.

▶ Do not place the projector where any oils, such as cooking or machine oil, are used. Oil may harm the product, resulting in malfunction, or falling from the mounted position.

▶ Do not place the projector in a place where it may get wet. Getting the projector wet or inserting liquid into the projector could cause a fire and an electric shock, and damage the projector.

- Do not place the projector near water, such as in a bathroom, kitchen, or poolside.
- Do not place the projector outdoors or by the window.
- Do not place anything containing liquid near the projector.

(continued on next page)

Arrangement (continued)

⚠ CAUTION ▶ Place the projector in a cool place with sufficient ventilation. The projector may shutdown automatically or may malfunction if its internal temperature is too high.

Using a damaged projector could result in a fire and an electric shock.

- Do not place the projector in direct sunlight or near hot objects such as heaters.
- Do not place the projector where the air from an air conditioner or similar unit will blow on it directly.
- Keep a space of 30 cm or more between a side of the projector and other objects such as walls.
- Do not place the projector on carpet, cushions or bedding.
- Do not stop up, block nor cover the projector's vent holes. Do not place anything around the projector that could be sucked in or stuck to the projector's intake vents.
- Do not place the projector at places that are exposed to magnetic fields, doing so can cause the cooling fans inside the projector to malfunction.

▶ Avoid placing the projector in smoky, humid or dusty place. Placing the projector in such places could cause a fire, an electric shock and malfunction of the projector.

- Do not place the projector near humidifiers. Especially for an ultrasonic humidifier, chlorine and minerals contained in tap water are atomized and could be deposited in the projector causing image degradation or other problems.

NOTICE • Do not place the projector in a smoking area, kitchen, passageway or by the window.

- Position the projector to prevent light from directly hitting the projector's remote sensor.
- Do not place the product in a place where radio interference may be caused.
- Check and correct the setting for ALTITUDE of SERVICE in the OPTION menu according to the usage environment (📖57). If the projector is used with a wrong setting, it may cause damage to the projector itself or the parts inside.
- Keep heat-sensitive things away from the projector. Otherwise, they may be damaged by the heat from the projector.

Connecting with your devices

Before connecting the projector to a device, consult the manual of the device to confirm that the device is suitable for connecting with this projector and prepare the required accessories, such as a cable in accord with the signal of the device. Consult your dealer when the required accessory did not come with the product or the accessory is damaged.

After making sure that the projector and the devices are turned off, perform the connection, according to the following instructions. Refer to the figures in subsequent pages.

Before connecting the projector to a network system, be sure to read **Network Guide** too.

▲ WARNING ► Use only the appropriate accessories. Otherwise it could cause a fire or damage the projector and devices.

- Use only the accessories specified or recommended by the projector's manufacturer. It may be regulated under some standard.
- Neither disassemble nor modify the projector and the accessories.
- Do not use the damaged accessory. Be careful not to damage the accessories. Route a cable so that it is neither stepped on nor pinched out.

▲ CAUTION ► For a cable with a core at only one end, connect the end with the core to the projector. That may be required by EMI regulations.

NOTE • Do not turn on or off the projector while connected to a device in operation, unless that is directed in the manual of the device. Otherwise it may cause malfunction in the device or projector.

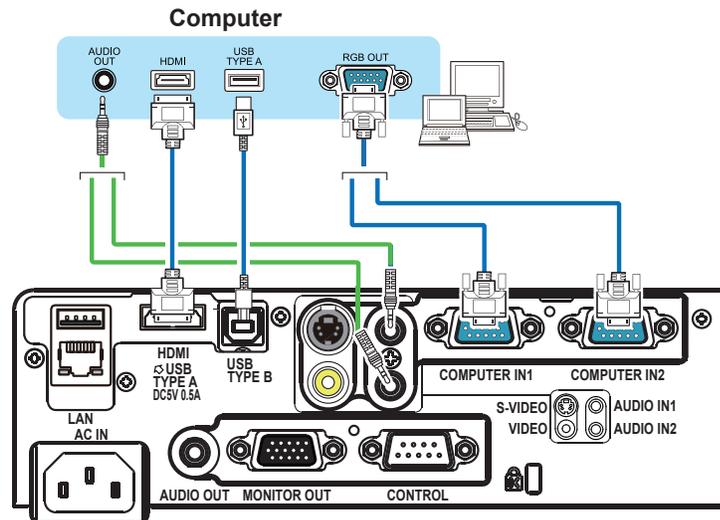
- The function of some input ports can be selected according to your usage requirements. Check the reference page indicated beside each port in the following illustration.
- Be careful not to mistakenly connect a connector to a wrong port. Otherwise it may cause malfunction in the device or projector.
 - When connecting a connector to a port, make sure that the shape of the connector fits the port.
 - Tighten the screws to connect a connector equipped with screws to a port.
 - Use the cables with straight plugs, not L-shaped ones, as the input ports of the projector are recessed.

About Plug-and-Play capability

- Plug-and-Play is a system composed of a computer, its operating system and peripheral equipment (i.e. display devices). This projector is VESA DDC 2B compatible. Plug-and-Play can be used by connecting this projector to a computer that is VESA DDC (display data channel) compatible.
 - Take advantage of this feature by connecting a computer cable to the **COMPUTER IN1** port (DDC 2B compatible). Plug-and-Play may not work properly if any other type of connection is attempted.
 - Please use the standard drivers in your computer as this projector is a Plug-and-Play monitor.

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Connecting with your devices (continued)



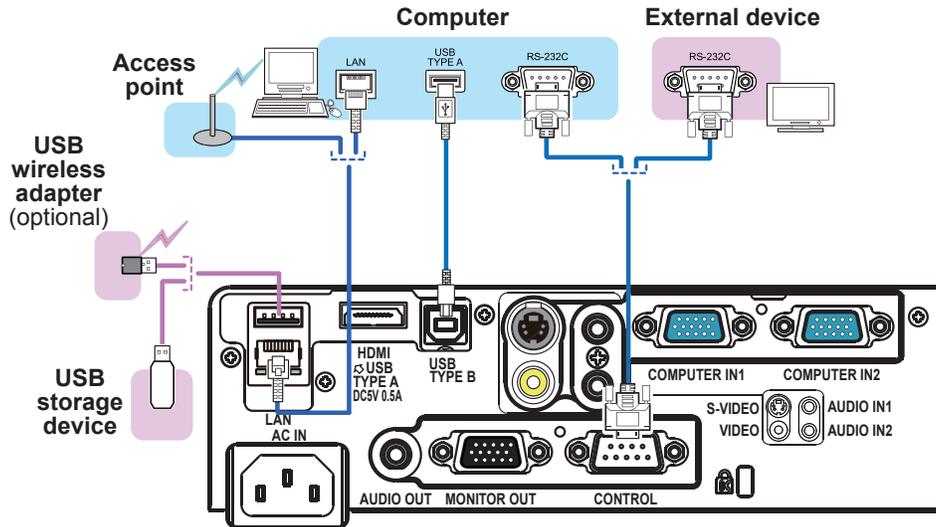
NOTE • Before connecting the projector to a computer, consult the computer's manual and check the compatibility of the signal level, the synchronization methods and the display resolution output to the projector.

- Some signal may need an adapter to input this projector.
- Some computers have multiple screen display modes that may include some signals which are not supported by this projector.
- Although the projector can display signals with resolution up to UXGA (1600x1200), the signal will be converted to the projector's panel resolution before being displayed. The best display performance will be achieved if the resolutions of the input signal and the projector panel are identical.
- If you connect this projector and a notebook computer, you need output the display to an external monitor, or output simultaneously to the internal display and an external monitor. Consult the computer's manual for the setting.
- Depending on the input signal, the automatic adjustment function of this projector may take some time and not function correctly.
- Note that a composite sync signal or sync-on-green signal may confuse the automatic adjustment function of this projector (41).
- If the automatic adjustment function does not work correctly, you may not see the dialog to set the display resolution. In such a case, use an external display device. You may be able to see the dialog and set an appropriate display resolution.

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Setting up

Connecting with your devices (continued)

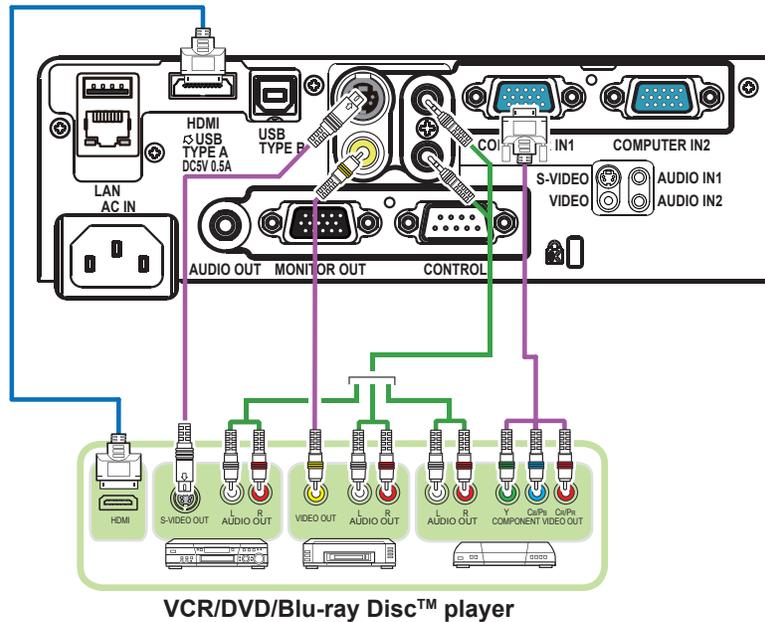


- ⚠ CAUTION** ▶ Before connecting the projector to a network system be sure to obtain the consent of the administrator of the network.
- ▶ Do not connect the **LAN** port to any network that might have the excessive voltage.
 - ▶ The designated USB wireless adapter that is sold as an option is required to use the wireless network function of this projector.
 - ▶ Before removing the USB storage device from the port of the projector, be sure to use the REMOVE USB function on the thumbnail screen to secure your data (83).
 - ▶ Do not use any extension cable or device when connecting the adapter to the projector. Before you insert or pull out the USB wireless adapter from the projector, turn off the power of the projector and pull out the power cord's plug from the outlet. Do not touch the USB wireless adapter while the projector is receiving AC power.
 - ▶ To connect both the LAN cable and USB device to the projector, use a LAN cable that is flat on the side where the plug's wire is visible. Otherwise, both of them cannot be connected correctly, or the wire may break (malfunction).

NOTE • If an oversized USB storage device blocks the **LAN** port, use a USB extension cable to connect the USB storage device.

(continued on next page)

Connecting with your devices (continued)



NOTE • The **HDMI** port of this model is compatible with HDCP (High-bandwidth Digital Content Protection) and therefore capable of displaying a video signal from HDCP compatible DVD players or the like.

- The **HDMI** supports the following signals.

Video signal : 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60

Audio signal : Format Linear PCM

Sampling frequency 48kHz / 44.1kHz / 32kHz

- This projector can be connected with another equipment that has **HDMI™** connector, but with some equipment the projector may not work properly, something like no video.

- Be sure to use an **HDMI™** cable that has the **HDMI™** logo.

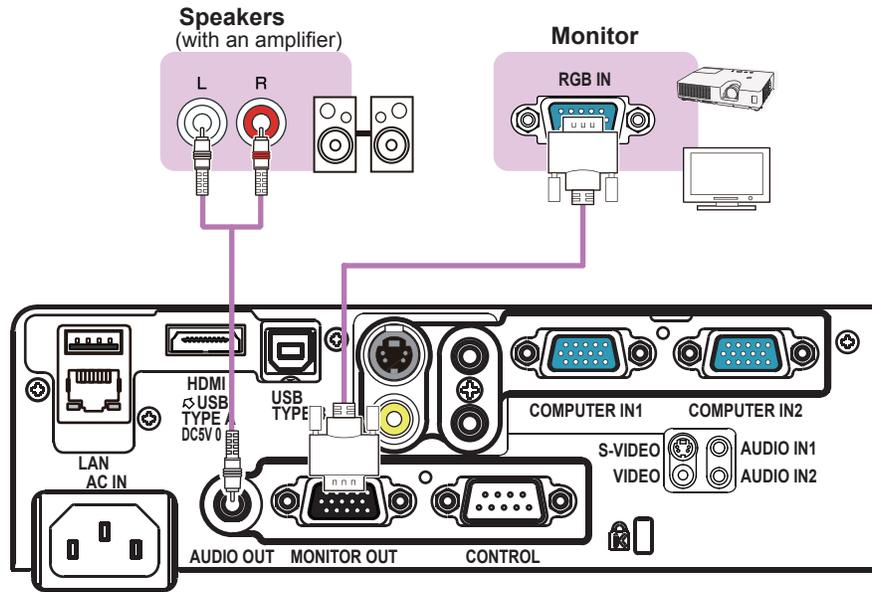
- Use a Category 2-certified **HDMI™** cable to input 1080p@50/60 signal to the projector.

- When the projector is connected with a device having DVI connector, use a DVI to **HDMI™** cable to connect with the **HDMI** input.

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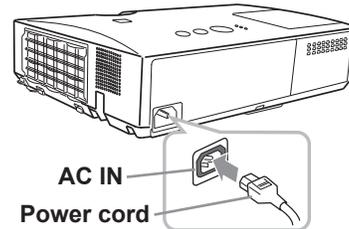
Setting up

Connecting with your devices (continued)



Connecting to a power supply

1. Put the connector of the power cord into the **AC IN** (AC inlet) of the projector.
2. Firmly plug the power cord's plug into the outlet. In a couple of seconds after the power supply connection, the **POWER** indicator will light up in steady orange.



Please remember that when the DIRECT POWER ON function activated (53), the connection of the power supply make the projector turn on.

⚠ WARNING ► Please use extra caution when connecting the power cord, as incorrect or faulty connections may result in fire and/or electrical shock.

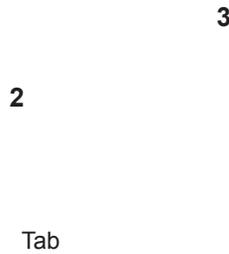
- Do not touch the power cord with a wet hand.
- Only use the power cord that came with the projector. If it is damaged, consult your dealer to get a new one. Never modify the power cord.
- Only plug the power cord into an outlet whose voltage is matched to the power cord. The power outlet should be close to the projector and easily accessible. Remove the power cord for complete separation.
- Do not distribute the power supply to multiple devices. Doing so may overload the outlet and connectors, loosen the connection, or result in fire, electric shock or other accidents.
- Connect the ground terminal for the AC inlet of this unit to the ground terminal of the building using an appropriate power cord (bundled).

NOTICE ► This product is also designed for IT power systems with a phase-to-phase voltage of 220 to 240 V.

Fastening the adapter cover

Use the supplied adapter cover to prevent the USB wireless adapter from coming off easily.

1. Loosen the screw (marked with triangle) on the bottom right of the **USB TYPE A** port.
2. Insert the tab of the cover into the hole at the upper left of the **USB TYPE A** port in the direction of the arrow.
3. Align the screw holes on the projector and the cover. Then insert the screw removed from the projector into the hole and tighten the screw.



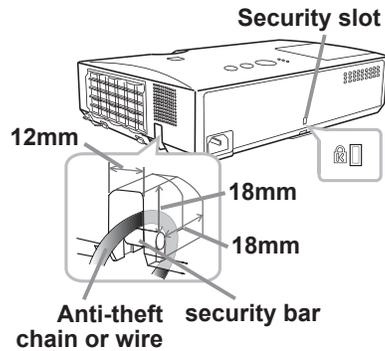
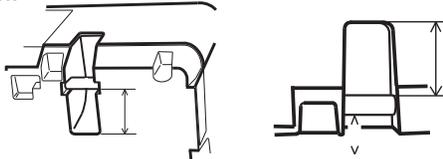
⚠ WARNING ▶ Keep small parts away from children and pets. Take care not to put in the mouth.

Using the security bar and slot

A commercially available anti-theft chain or wire can be attached to the security bar on the projector. Refer to the figure to choose an anti-theft chain or wire.

Also this product has the security slot for the Kensington lock.

For details, see the manual of the security tool.



⚠ WARNING ▶ Do not use the security bar and slot to prevent the projector from falling down, since it is not designed for it.

⚠ CAUTION ▶ Do not place anti-theft chain or wire near the exhaust vents. It may become too hot.

NOTE • The security bar and slot is not comprehensive theft prevention measures. It is intended to be used as supplemental theft prevention measure.

ERROR: rangecheck
OFFENDING COMMAND: .buildshading3

STACK:

-dictionary-
-dictionary-