

WiFi & GSM Modules

For Pulse Input & Communication Unit

Safety Manual

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Changes

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For details, please visit the Barco website at: <http://www.barco.com/AboutBarco/weee>

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1 Safety

About this document

Read this document attentively. It contains important information on the WiFi & GSM module kits for the Pulse Input & Communication unit. This document does not contain installation information. The latest edition of the installation manuals can be downloaded from the Barco website.

1.1 Compliance FCC

Federal Communication Commission Interference Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

1.2 Compliance IC

Radio Frequency (RF) exposure information

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Industry Canada statement

This device complies with Industry Canada's license-exempt RSSs

Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. For the frequency 5600-5650 MHz, no operation is permitted".

Industry Canada class A emission compliance statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Canadian ICES-003.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Informations concernant l'exposition aux fréquences radio (RF)

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Avis d'industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Pour la fréquence 5600-5650 MHz, aucune opération est autorisée

Avis de conformité a la réglementation d'Industrie Canada

Cet appareil numérique de la classe A est conforme a la norme NMB-003 du Canada.

1.3 CE Certification

CE Certification

Pulse Input & Communication unit is fit for use in all European Union countries, Norway and Switzerland.



Image 1-1

AT	BE	BG	CH	CY
CZ	DK	DE	EE	IE
EL	ES	FI	FR	HR
HU	IS	IT	LI	LV
LT	LU	NL	NO	PL
PT	RO	SE	SI	SK
UK				

The Pulse Input & Communication unit are restricted to indoor use only when operating in the 5150 to 5250 Mhz frequency range.

Hereby, Barco NV declares that the Pulse Input & Communication unit are in compliance with the Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: (Correct link to be provided).

WiFi & GSM module

For WLAN:

- Frequency: 2402 MHz - 2482 Mhz
- Max EIRP: 19 dBm
- Frequency: 5150 – 5350 MHz / 5470 – 5725 Mhz
- Max EIRP: 23 dBm

For UMTS:

- Band 1:
 - Frequency: 2100 MHz
 - Max EIRP: 24 dBm
- Band 8:
 - Frequency: 900 MHz
 - Max EIRP: 24 dBm

For GSM:

- E-GSM:
 - Frequency: 900 MHz
 - Max EIRP: 33.5 dBm
- EDGE:
 - Frequency: 900 MHz
 - Max EIRP: 28 dBm
- DCS:
 - Frequency: 1800 MHz
 - Max EIRP: 30.5 dBm
- EDGE:
 - Frequency: 1800 MHz
 - Max EIRP: 27 dBm

