

FCC Compliance Statement

for i.roc Ci70 -Ex / Model No. Ci70AN2XX00 / Ci70AQ2XX00

This Statement is part of the User Manual



Caution: This marking indicates that the user should read all included documentation before use. Retain this supplement for future reference

Users of this product are cautioned to use accessories and peripherals approved by ecom instruments GmbH. The use of accessories other than those recommended, or changes to this product that are not approved by ecom instruments GmbH, may void the compliance of this product and may result in the loss of the user's authority to operate the equipment.



Caution: For use with ecom AM Ci70 -Ex only. See battery instructions. No user-serviceable parts. Charge only with the charging devices mentioned in section 4. "Safety Regulations". Use of incorrect charger may present a risk of fire or explosion.

Battery Recycling Information



This product contains or uses a lithium-ion (Li-ion) main battery. When the battery reaches the end of its useful life, the spent battery should be disposed of by a qualified recycler or hazardous materials handler. Do not mix this battery with the solid waste stream. Contact your ecom instruments Service Center for recycling or disposal information.

802.11 Radio Precaution Statement



Caution: Users are responsible for configuring the channels of operation that comply with their country regulatory standards. A Wireless Network Administrator should review the operating restrictions detailed within the Access Point installation manual.

Radiation Exposure Statement



Warning: This equipment complies with International Commission on Non-Ionizing Radiation Protection (ICNIRP), IEEE C95.1, Federal Communications Commission Office of Engineering and Technology (OET) Bulletin 65, Canada RSS-102, and European Committee for Electrotechnical Standardization (CENELEC) limits for exposure to radio frequency (RF) radiation.

If a body worn accessory is not purchased from ecom, the accessory must contain no metal.

U.S.A. Digital Emissions Compliance

For a Class A digital device or peripheral, the user instructions shall include the following or similar statement, placed in a prominent location in the text of the manual:

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 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.

FCC § 15.19 labeling requirements

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). 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.

FCC § 15.21 Information to user

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC § 15.105 Information to user

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 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.

RF Exposure Information (SAR)

This model device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U. S. Government.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on the below

FCC ID: XAM300011GR01

This device is compliant with SAR for general population / uncontrolled exposure limits in SNAI / IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C. Specific Absorption Rate (SAR): 0.471 W/kg

This product has been tested and found to comply with the following standards:

- For the worst case positions, the portable device i.roc Ci70 –Ex is in compliance with the IC RSS 102 Issue 4 (RSS 102) and Federal Communications Commission (FCC) Guidelines (OET 65) for uncontrolled exposure. SAR assessment in body worn was conducted with a distance of 0 mm between the housing of the handheld and the flat phantom.
- EM 62311:2008: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz).

Canadian Digital Apparatus Compliance

This device complies with Industry Canada license-exempt RSS standards. 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.

Industry Canada Statements

Le present 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.

Canada Class A Statement

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations

Cet appareil numérique de la Classe A Respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

For Users in english-speaking regions (en)

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Pour les utilisateurs canadiens (fr)

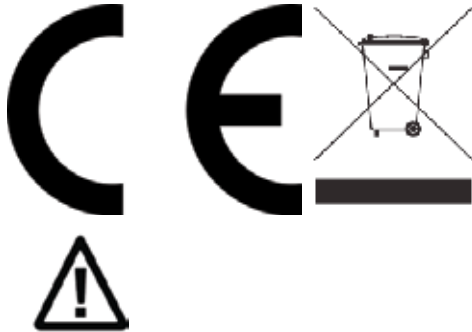
Mise en garde : Ce marquage indique que l'utilisateur doit, avant l'utilisation, lire toute la documentation incluse. Conservez ce supplément pour référence future.

Les utilisateurs de ce produit sont avisés d'utiliser des accessoires et des périphériques approuvés par ecom instruments GmbH. L'utilisation d'accessoires autres que ceux recommandés ou des changements à ce produit qui ne sont pas approuvés par ecom instruments GmbH peuvent annuler la conformité de ce produit et mettre fin au droit qu'a l'utilisateur d'utiliser l'équipement.

802.11a Radio Precaution Statement

- The device for 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;
 - The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and
 - The maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.
 - Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.
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- Les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont 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;
 - Le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;
 - Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.
 - De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

CE Compliance Statement



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If a body worn accessory is not purchased from ecom, the accessory must contain no metal and provide a 1.2 cm (.5 in.) space between the device and the body.

Laser Compliance and Precaution

This product complies with the following standards for laser safety:
IEC 60825-1:2007/EN 60825-1:2008-05: Class 2 (1 mW, 630 – 670 nm)



Caution: 802.11a wireless LAN 5150 to 5350 MHz (5,15 to 5,35 GHz) is limited to indoor use only.

Note: Dynamic Frequency Selection and Transmit Power Control are required on the 5250 to 5350 MHz and 5470 to 5725 MHz frequency range.

EU – R&TTE Declaration

ecom instruments GmbH declares that this device is in accordance with the essential requirements and other provisions of R&TTE Directive (1995/5/EC).

CE 0700 

This product is marked with this logo and uses radio frequency bands that are not harmonized throughout the European Union and other countries as noted in the table below.

This equipment may be operated in the following countries without restriction:

AT, BE, CY, CZ, DK, EE, FI, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, SK, SI, ES, SE, GB, IS, LI, CH, BG, RO, TR

802.11 b/g or Bluetooth Restrictions (Revision ERC/REC 70-03 E 2012-07, Annex3 Band A):

NO: This subsections does not apply for the geographical area within a radius of 20 km from the center for Ny-Ålesund.

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