



Radio approval
Funkzulassung
Agrément radio

CR3158

CANlink mobile 3677, Type 3673



English

Read the operating instructions before set-up and keep them for the duration of use.

- According to the manufacturer's indications, the device complies with Directive 2014/53/EU.
- You will find the full text of the EU Declaration of Conformity, technical data, instructions, approvals, contacts and further information at documentation.ifm.com.
- Due to human exposure regulations, a minimum distance of 20 cm must be maintained between the device and persons.
- The device emits radio waves that may interfere with the operation of electronic devices in the vicinity, including pacemakers, hearing aids and defibrillators. If you have a pacemaker or other implanted medical product, do not use the device without first consulting your doctor or the manufacturer of your medical product. Keep a safe distance between the device and your medical products and refrain from further use of the device if you observe permanent impairment of your medical product.
- The device has the following operating frequencies and transmitter powers provided that the max. antenna gain (cable and connector losses taken into account) does not exceed +1.5 dBi:

Radio technology	Frequency bands	max. transmitter power
GSM	B2, B3, B5, B8	33 dBm (GPRS) 27 dBm (Edge)
UMTS/HSPA	B1, B2, B4, B5, B8	24 dBm
LTE	B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B38, B39, B40, B41	23 dBm
Bluetooth 2.1 + EDR	2.402 - 2.480 GHz	9.76 dBm
Bluetooth 5.0		9.98 dBm

Radio technology	Frequency bands	max. transmitter power
WLAN (IEEE 802.11 abgn)	2.400 - 2.4835 GHz	18.58 dBm
	5.150 - 5.725 GHz	19.62 dBm
	5.7251 – 5.825 GHz	13.88 dBm

- When using the wireless LAN channels in the frequency range of 5.150 – 5.350 GHz, the device may only be used in buildings.

Deutsch

Vor Inbetriebnahme die Bedienungsanleitung lesen und während der Einsatzdauer aufbewahren.

- Das Gerät entspricht gemäß den Angaben des Herstellers der Richtlinie 2014/53/EU.
- Der vollständige Text der EU-Konformitätserklärung, Technische Daten, Anleitungen, Zulassungen, Kontakte und weitere Informationen unter documentation.ifm.com.
- Aufgrund der Human-Exposure-Vorschrift einen Mindestabstand zwischen Gerät und Personen von 20 cm einhalten.
- Das Gerät sendet Funkwellen aus, die möglicherweise den Betrieb von elektronischen Geräten in der Nähe beeinträchtigen, darunter Herzschrittmacher, Hörelemente und Defibrillatoren. Wenn Sie einen Herzschrittmacher oder ein anderes implantiertes Medizinprodukt haben, verwenden Sie das Gerät nicht ohne vorherige Rücksprache mit Ihrem Arzt oder dem Hersteller Ihres Medizinprodukts. Halten Sie einen Sicherheitsabstand zwischen dem Gerät und Ihren Medizinprodukten ein und sehen Sie von der weiteren Verwendung des Gerätes ab, wenn Sie eine dauerhafte Beeinträchtigung Ihres Medizinprodukts beobachten.
- Das Gerät hat folgende Arbeitsfrequenzen und Sendeleistungen, wenn der maximale Antennengewinn, einschließlich Kabel- und Steckerverlusten, den Wert von +1,5 dBi nicht überschreitet:

Funktechnologie	Frequenzbänder	max. Sendeleistung
GSM	B2, B3, B5, B8	33 dBm (GPRS) 27 dBm (Edge)

Funktechnologie	Frequenzbänder	max. Sendeleistung
UMTS/HSPA	B1, B2, B4, B5, B8	24 dBm
LTE	B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B38, B39, B40, B41	23 dBm
Bluetooth 2.1 + EDR	2,402 – 2,480 GHz	9,76 dBm
Bluetooth 5.0		9,98 dBm
WLAN (IEEE 802.11 abgn)	2,400 – 2,4835 GHz	18,58 dBm
	5,150 – 5,725 GHz	19,62 dBm
	5,7251 – 5,825 GHz	13,88 dBm

- Bei Nutzung der WLAN-Kanäle im Frequenzbereich 5,150 – 5,350 GHz ist nur der Einsatz im Gebäude zugelassen.

Français

Lire la notice d'utilisation avant la mise en service et la conserver pendant la durée d'utilisation.

- Selon les indications du fabricant, l'appareil correspond à la directive 2014/53/UE.
- Vous trouverez le texte intégral de la déclaration de conformité de l'UE, les données techniques, les instructions, les homologations, les contacts et d'autres informations sur documentation.ifm.com.
- En raison des règlements relatifs à l'exposition humaine, une distance minimale de 20 cm doit être maintenue entre l'appareil et les personnes.
- L'appareil émet des ondes radio qui peuvent interférer avec le fonctionnement des appareils électroniques situés à proximité, notamment les stimulateurs cardiaques, les appareils auditifs et les défibrillateurs. Si vous avez un stimulateur cardiaque ou un autre dispositif médical implanté, n'utilisez pas l'appareil sans avoir consulté au préalable votre médecin ou le fabricant de votre dispositif médical.

Maintenez une distance de sécurité entre l'appareil et vos dispositifs médicaux et ne continuez pas à utiliser l'appareil si vous constatez une déficience permanente de votre dispositif médical.

- L'appareil a les fréquences de travail et les puissances d'émission suivantes si le gain d'antenne maximal (pertes dues aux câbles et aux connecteurs prises en compte) ne dépasse pas +1,5 dBi :

Technologie radio	Bandes de fréquences	Puissance d'émission max.
GSM	B2, B3, B5, B8	33 dBm (GPRS) 27 dBm (Edge)
UMTS/HSPA	B1, B2, B4, B5, B8	24 dBm
LTE	B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B38, B39, B40, B41	23 dBm
Bluetooth 2.1 + EDR	2,402 - 2,480 GHz	9,76 dBm
Bluetooth 5.0		9,98 dBm
Wi-Fi (IEEE 802.11 abgn)	2,400 - 2,4835 GHz	18,58 dBm
	5,150 - 5,725 GHz	19,62 dBm
	5,7251 – 5,825 GHz	13,88 dBm

- En cas d'utilisation des voies Wi-Fi dans la gamme de fréquence de 5,150 – 5,350 GHz, seule une utilisation à l'intérieur est permise.

Great Britain

English

Read the operating instructions before set-up and keep them for the duration of use.

- According to the manufacturer's indications, the device complies with Radio Equipment Regulations 2017 (S.I. 2017/1206).
- You will find the full text of the UK Declaration of Conformity, technical data, instructions, approvals, contacts and further information at documentation.ifm.com.

- Due to human exposure regulations, a minimum distance of 20 cm must be maintained between the device and persons.
- The device emits radio waves that may interfere with the operation of electronic devices in the vicinity, including pacemakers, hearing aids and defibrillators. If you have a pacemaker or other implanted medical product, do not use the device without first consulting your doctor or the manufacturer of your medical product. Keep a safe distance between the device and your medical devices and refrain from further use of the device if you observe permanent impairment of your medical product.
- The device has the following operating frequencies and transmitter powers provided that the max. antenna gain (cable and connector losses taken into account) does not exceed +1.5 dBi:

Radio technology	Frequency bands	max. transmitter power
GSM	B2, B3, B5, B8	33 dBm (GPRS) 27 dBm (Edge)
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Bluetooth 2.1 + EDR	2.402 - 2.480 GHz	9.76 dBm
Bluetooth 5.0		9.98 dBm
WLAN (IEEE 802.11 abgn)	2.400 - 2.4835 GHz	18.58 dBm
	5.150 - 5.725 GHz	19.62 dBm
	5.7251 – 5.825 GHz	13.88 dBm

- When using the wireless LAN channels in the frequency range of 5.150 – 5.350 GHz, the device may only be used in buildings.

Importer to United Kingdom:

ifm electronic ltd. efactor House, Kingsway Business Park, Oldfield Road, Hampton, Middlesex TW12 2HD, Great Britain

English

FCC information:

Model CANlink mobile 3677, Type 3673 (ifm article no.: CR3158)

U.S. Responsible Party

Proemion Corp.

241 Taylor St., Suite 301 / Dayton, Ohio 45402, Phone: +1 937 558 2211

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

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

Changes or modifications to this device that have not been expressly approved by ifm could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B 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.

RF Exposure Info

Due to radio frequency exposure limits this device should be installed and operated with a minimum distance of 20 cm between the device and the body of the user or nearby persons.

The maximum antenna gain including cable and connector loss in a fixed or mobile exposure condition must not exceed +5 dBi for all applicable GSM (850, 1900), WCDMA (2, 4, 5) and LTE (2, 4, 5, 7, 12, 13, 25, 26, 38, 41) bands.

The measurement results comply with the FCC limit per 47 CFR §2.1091 for the uncontrolled RF Exposure of mobile devices.

Canada / Canada

English

ISED note:

This device contains licence-exempt transmitters/receivers that comply with Innovation, Science and Economic Development Canada's licence-exempt RSSs.

Operation is subject to the following two conditions:

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

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and the body of the user or nearby persons.

The maximum antenna gain including cable and connector loss in a fixed or mobile exposure condition must not exceed +5 dBi for all applicable GSM (850, 1900), WCDMA (2, 4, 5) and LTE (2, 4, 5, 7, 12, 13, 25, 26, 38, 41) bands.

Harmful interference:

This device is restricted to indoor operation only in the band 5.150 – 5.250 GHz, to reduce the potential for harmful interference to co-channel mobile satellite systems. However, original equipment manufacturer (OEM) devices, which are installed in vehicles by vehicles manufacturers, are permitted. The high-power radars are allocated as primary users (i.e., priority users) of the bands 5.250 – 5.350 GHz and 5.650 – 5.850 GHz and

that these radars could cause interference and/or damage to this device. This device is not capable of transmitting in the band 5.600-5.650 GHz in Canada.

Français

Avis ISDE:

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement respecte les limites d'exposition aux rayonnements ISDE RSS-102 définies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et le corps de l'utilisateur ou des personnes à proximité.

Le gain d'antenne maximal, y compris les pertes dues aux câbles et aux connecteurs, dans des conditions d'exposition fixe ou mobile, ne doit pas dépasser +5 dBi pour toutes les bandes applicables GSM (850, 1900), WCDMA (2, 4, 5) et LTE (2, 4, 5, 7, 12, 13, 25, 26, 38, 41).

Brouillage préjudiciable :

Cet appareil est limité à un fonctionnement à l'intérieur uniquement dans la bande de 5,150 - 5,250 GHz, afin de réduire le potentiel de brouillage préjudiciable aux systèmes mobiles par satellite co-canaux. Toutefois, les dispositifs des fabricants d'équipements d'origine (OEM), qui sont installés dans les véhicules par les constructeurs, sont autorisés. Les radars de grande puissance sont attribués en tant qu'utilisateurs primaires (c'est-à-dire prioritaires) des bandes de 5,250 - 5,350 GHz et 5,650 - 5,850 GHz et que ces radars pourraient causer des interférences et/ou des dommages à cet appareil.

Cet appareil n'est pas capable de transmettre dans la bande de 5,600 - 5,650 GHz au Canada.