

FCC and Industry Canada Identifications Numbers (and label locations)

FAMILY 3: FCC ID: J5XMXHEM

Industry Canada ID: 5916A-MXHEM



FCC ID: J5XMXHEM

IC: 5916A-MXHEM

FCC Statements

Changes or modifications not expressly approved by the party responsible for compliance 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 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.

Industry Canada Statements

This Class A digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada licence-exempt RSS standard(s). 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.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada. (select the class for your device)

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.

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Model MX900H Micro-Transceiver With USB Connector Installation and User's Information

Only To Be Removed By End User



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USA**

GRACE
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Model MX900H Micro-Transceiver USB Installation and User Information



MX900H attached to laptop computer

Transmit/Receive Indicator LED

USB Connector

Shielded Cable with USB Connector (6 feet)



The MX900H Micro-Transceiver is a compact radio transceiver designed to send and receive signaling data transmissions from Grace Industries telemetry based personal life safety products. The MX900H is powered from its USB connection and is suitable for use inside a vehicle along with other mobile equipment or in a fixed monitoring location such as a security office.

With Proper attention given to these important items, optimum performance can be achieved for most applications:

1. For Vehicle Installation the MX900H must be mounted in an area inside where the antenna has a clear, unobstructed path to the outside environment. A typical location for the MX900H would be on a front or rear window, or a backseat side window inside a vehicle.

2. Fixed Location Installation the MX900H must be mounted in an area where the antenna has a clear, unobstructed path to the environment where the Transmitting PASS (man-down alarm) or SuperCELL® may be used. A typical location for the MX900H would be near an unobstructed office window or mounted outside the office and away from any metal surfaces.

3. The MX900H should also be located as far away as possible from other radio equipment antennas. This includes cell phone boosters, wifi, and other 2-way radio equipment antennas. It is also recommended to keep the MX900H antenna a minimum of six inches away from metal surfaces.

NOTE: Always mount MX900H in a vertical orientation

4. MX900H comes with 6 feet of shielded cable with a USB connection.

5. System Check of the MX900H can be done by viewing the Receive Indicator LED located on the surface of the case. When a SuperCELL® or TPASS® is turned On, Off, or by activating the Alarm, the radio signal will cause the Amber/Yellow Receive LED to flash several times - indicating signals are successfully being received by the MX900H.

MX900H Micro Transceiver Specifications

Size: 2.0 x 3.0 x .75 inches; Antenna 1.7 inches long

Frequency Range: 902-928 MHz (frequency hopping spread spectrum)

FCC ID: J5MXHEM -- Meets FCC Part 15

Industry Canada ID: 5916A-MXHEM -- Complies with Canadian ICES-003

Compatibility: Grace Industries Radio-H SuperCELL® and TPASS®3 personal safety and monitoring products

Data Output: Serial USB 2.0, 38400-bps ASCII encoded numeric data

The MX900H Micro Transceiver data output can be monitored with a PC using a terminal emulation program (such as Windows HyperTerminal) using the following settings: 38400 bps, N-8-1, no flow control, VT100 emulation.

NOTE: Drivers MUST be installed before connecting to PC.