DRAFT

HME®
HOSPITALITY & SPECIALTY COMMUNICATIONS

Quick Reference Installation Guide

RT7000 REMOTE TRANSCEIVER

The RT7000 Remote Transceiver facilitates Base Station to Headset communication. It uses a wired connection to the Base Station but is wireless for Headset communication. Up to four RT7000s can be connected to the Base Station for additional coverage.

TOOLS/EQUIPMENT REQUIRED

- Drill and drill bit set
- Screwdriver (Phillips #2), tape measure, pencil/maker
- Fish stick, cable ties, safety glasses, ladder

INSTALLATION, SETUP, AND OPERATION

1. Survey the premises to determine a good location to mount the RT7000 (see Remote Transceiver RT7000 Notes on the next page).
2. Once a good location is selected, route the Ethernet cable from the Base Station to the RT7000 location.
3. Loosely mount the Remote Transceiver in an optimal location (until range tested with a roving headset using the Installation Wizard via the Base Station in step 5.
4. Connect the Ethernet cable to the RJ45 port on the rear of the RT7000 (see Fig. 2) and the other end to one of the available ports on the Base Station (see Fig. 4 and Table 1).
5. At the Base Station LOG IN to the system, go to SYSTEM, then the ADVANCED tab and select "Installation" from the drop-down menu. Tap the "Start Installation Wizard" button. This opens the Installation Wizard as shown in Fig. 3.

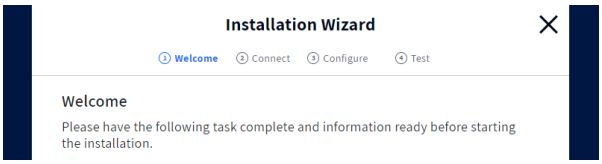

Fig. 3

6. Follow the Transceiver Installation steps that follow. Once you have used a headset in Reception Location Mode to walk the premises to determine the mounting location is good, move on to the next step. If the mounting location is not a good one, move the Remote Transceiver to another location and repeat steps 1 through 6, until a good location is found.
7. Drill two holes 6.625 inches (16.83 cm) apart along a horizontal axis on the wall (avoid electrical or plumbing obstructions).
8. Install the provided hardware but do not tighten, leave a gap (~ $^1/8^{th}$ inch (3.2 mm)) between the screw heads and wall.
9. Align the RT7000 mounting holes with the two screws (Fig. 2).

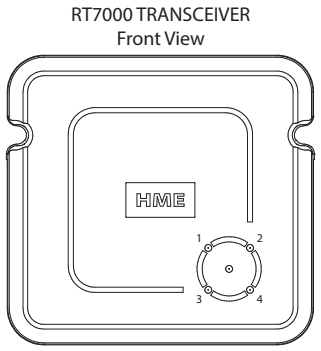

Fig. 1

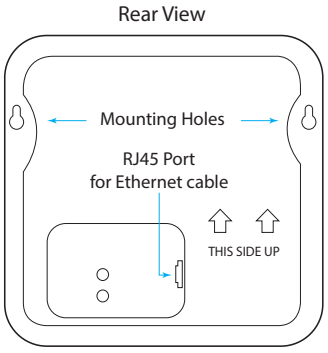

Fig. 2

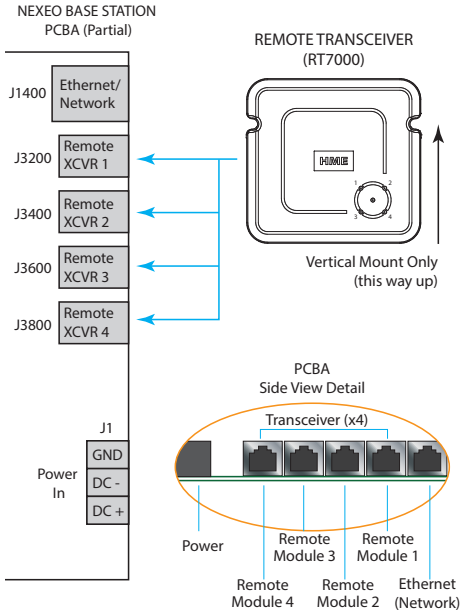

Fig. 4

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HME# PUB - 000xx
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10. Mount the RT7000 over the screw heads until flush against the wall, then slide it down onto the screws to secure it in place and tighten hardware.
11. The other end of the Ethernet cable is connected to the Base Station (see Fig. 4 and the Table 1 for connections).
12. The Base Station provides power to the RT7000. So when connected, the center LED in the circle on the front of the RT7000 turns on solid green.
13. The peripheral LED around the circle initially flashes as the RT7000 completes a scan of the environment. Once the scan is finished, this peripheral LED also turns solid green.
    Note: This LED also flashes blue when the firmware is updating.
14. The RT7000 is now operational. The Base Station HOME screen also provides a color-coded visual status (see "Transceivers" status in Fig. 5).

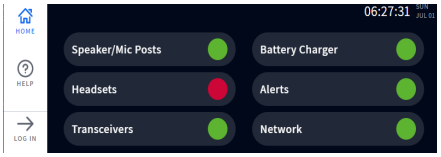

Fig. 5

Tap "Transceivers" on the HOME screen for more details (see Fig. 6).

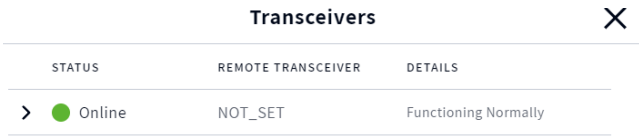

Fig. 6

Remote Transceiver (RT7000) Notes:

- Mount the transceiver high in a central location to headset usage.
- Maximize line of sight between the transceiver and headsets in an area free from obstructions and equipment/materials that can interfere with signal propagation. These include walls, large metal appliances, hoods, and backsplashes, etc.
- Mount the transceiver vertically on a wall in the upright position (see arrow on Transceiver rear). Do **NOT** mount horizontally such as on a ceiling, this will reduce the transceiver's range.
- Signal propagation is strongest directly in front of the Transceiver and then to the sides.
- The RT7000 uses an Ethernet (Cat5 or Cat6) cable. Do not exceed 1000' (304 m).
- Large premises may require more than one Transceiver. Up to four Transceivers are supported by one Base Station.
- Once connected to the Base Station, the LED in the middle of the circle on the transceiver front illuminates to indicate it is turned on. One of the outer LEDs (numbered 1 to 4) around the circle also turns on (depending on which port the Transceiver is connected to on the Base Station, see Fig. 7). This outer LED will initially flash as the Transceiver scans for available channels before turning solid green once a channel is found (on the Base Station HOME screen, the "Transceivers" indicator is yellow while scanning before turning green).

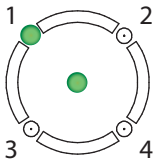

Fig. 7

Base Station RT7000 Ports		
Connector #	**Label**	**To**
J3200	Remote XCVR 1**	First RT7000
J3400*	Remote XCVR 2**	Second RT7000
J3600*	Remote XCVR 3**	Third RT7000
J3800*	Remote XCVR 4**	Fouth RT7000

Table 1

* Only used if more than one RT7000 is required.

** LEDs (1 - 4) on the RT7000 Front (Fig. 7) correspond to the Remote XCVR port number on the Base Station (Table 1 label).

Safety Notice

CAUTION: Wear proper eye, ear, and body protection when grinding, drilling or working with tools. Follow the manufacturer's safety information and operational instructions for tools and materials. Be aware of your surroundings. Failure to heed such precautions can cause injury and/or property damage.

Hygiene, Health, and Safety

Part of this installation requires working within a restaurant/store where food is prepared, and customers dine. Please consult the restaurant/store manager, standard operating procedures and any additional restaurant safety/advisory protocols available before beginning work within the restaurant/store. Follow the instructions and guidelines provided.

A copy of this guide and additional information can be found by scanning this QR code.

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REGULATORY COMPLIANCE

Applicant Name: HM Electronics, Inc.
Applicant Address: 2484 Whiptail Loop, Carlsbad CA 92010, United States
Manufacturer Name: HM Electronics, Inc.
Manufacturer Address: 2484 Whiptail Loop, Carlsbad CA 92010, United States
Country of Origin: USA
Brand: HME

Caution: All products are compliant with regulatory requirements detailed in this document when the user follows all installation instructions and operating conditions per HME specifications.

Caution: Use of accessories and peripherals other than those recommended by HME may void the product's compliance as well as the user's authority to operate the equipment.

Caution: All products are designed for use with the standard, integral or dedicated (external) antenna(s) that are shipped together with the equipment. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

Caution: The use of software or firmware not supported/provided by HME products may result that the equipment is no longer compliant with the regulatory requirements.

FCC NOTICE

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.

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 communication. 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.
Changes or modifications not expressly approved by HME could void the user's authority to operate this equipment.

User Restriction in the 5Ghz band: The device for the band 5150-5250MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

FCC/IC/EC RF EXPOSURE WARNING

This product complies with FCC/IC/EC radiation exposure limits set forth for an uncontrolled environment.

Produits HME sont conformes aux limites IC d'exposition aux rayonnements définies pour un environnement non contrôlé.

This product may not be co-located or operated in conjunction with any other antenna or transmitter.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

To comply with FCC/IC/EC RF exposure requirements, this unit must be installed and operate at least 20 cm (8 inches) from any person.

Produits HME doivent être installés et utilisés avec distance minimum de 20cm entre le radiateur et votre corps.

INDUSTRY CANADA COMPLIANCE STATEMENT

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est soumise aux deux conditions suivantes:
(1) cet appareil ne doit pas provoquer d'interféence, et
(2) cet appareil doit accepter toute interféence radioéectrique subie, mêe si l'interféence est susceptible d'en compromettre le fonctionnement.

Cet éetteur exempt de licence est éuipéd'une antenne intéré. Cet éetteur exempt de licence n'est pas autoriséà-fonctionner avec une autre antenne.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

Cet appareil numérique de la class[A] est conforme à la norme NMB-003 du Canada.

This Class[A] digital device complies with Canadian ICES-003.

Restrictions d'utilisation dans la bande 5 GHz: L'appareil pour la bande de 5150 a 5250MHz est concupour usage a l'interieur seulement afin de reduire le potentiel d interferences pour les systemes mobiles par satellite qui utilisent le meme canal.

User Restriction in the 5Ghz band: The device for the band 5150-5250MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

Jusqu'a nouvel ordre, les appareils faisant l'objet de la presente section ne doivent pas transmettre dans la bande 5600-5650 MHz, afin que les radars meteorologiques d'Environnement Canada fonctionnant dans cette bande soient proteges.

Until further notice, devices subject to this Section shall not be capable of transmitting in the band 5600-5650MHz, so that environmental weather radars operating in this band are protected.

KOREAN NOTICE

A급 기기 (업무용 방송통신기자재)
이 기기는 업무용(A급)으로 전자파적합기기로
서 판매자 또는 사용자는 이 점을 주의하시기
바라며, 가정외의 지역에서 사용하는 것을 목
적으로 합니다.

KCC 2.4Ghz and 5725-5850MHz warning: Life-related safety services cannot be provided because the radio equipment may have radio interference.

해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없음

AUSTRALIA COMPLIANCE STATEMENT

User Restriction in the 5Ghz band: This device is restricted to indoor use only when operating in 5150-5350MHz.

Until further notice, devices subject to this Section shall not be capable of transmitting in the band 5600-5650MHz, so that environmental weather radars operating in this band are protected.

NEW ZEALAND COMPLIANCE STATEMENT

User Restriction in the 5Ghz band: This device is restricted to indoor use only when operating in 5150-5250MHz.

EUROPEAN UNION (CE MARK)

CE

The CE marking indicates compliance with the following directives and standards, whenever applicable to the product in question.

Directives:
- Radio Equipment Directive 2014/53/EU
- Electromagnetic Compatibility Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- RoHS Directive 2011/65/EU and 2015/863/EU

Standards:
- EN55022/EN55032
- EN55024/ EN55035
- IEC/EN62368-1
- EN300328
- EN301893
- EN301489
- EN50581

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

User Restriction in the 5Ghz band: This device is restricted to indoor use only when operating in 5150-5350MHz for below EU member states.

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

Caution: Although Europe allows 5600-5650Mhz band, these DFS channels 120, 124 and 128 must perform a 10 minutes radar scanning (also known as CAC - Channel Availability Check) before becoming an operating channel.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

The European Union (EU) WEEE Directive (2012/19/EU) places an obligation on producers (manufacturers, distributors and/or retailers) to take-back electronic products at the end of their useful life. The WEEE Directive covers

most HME products being sold into the EU as of August 13, 2005. Manufacturers, distributors and retailers are obliged to finance the costs of recovery from municipal collection points, reuse, and recycling of specified percentages per the WEEE requirements.

INSTRUCTIONS FOR DISPOSAL OF WEEE BY USERS IN THE EUROPEAN UNION

The symbol shown below is on the product or on its packaging which indicates that this product was put on the market after August 13, 2005 and must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of the user's waste equipment by handing it over to a designated collection point for the recycling of WEEE. The separate collection and recycling of waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local authority, your household waste disposal service or the seller from whom you purchased the product.