



PAR Clear Transceiver Installation Guide



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Transceiver Installation

Tools and Materials Required

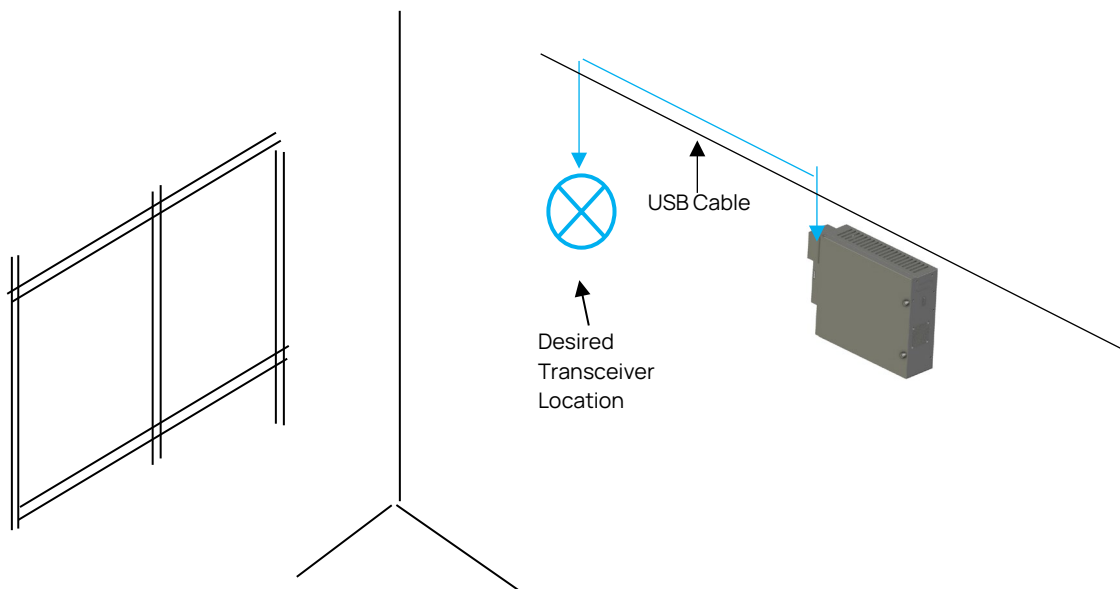
- Assortment of sheet metal screws or wall anchors and screws as required by site
- Basic tool kit- screwdrivers, hand drill, drill bits, etc.
- Conduit as needed

Designing the Installation

The Transceiver should be placed in a location that has the desired range and coverage for the site. Survey the site as needed and test the transmission coverage prior to finalizing the location.

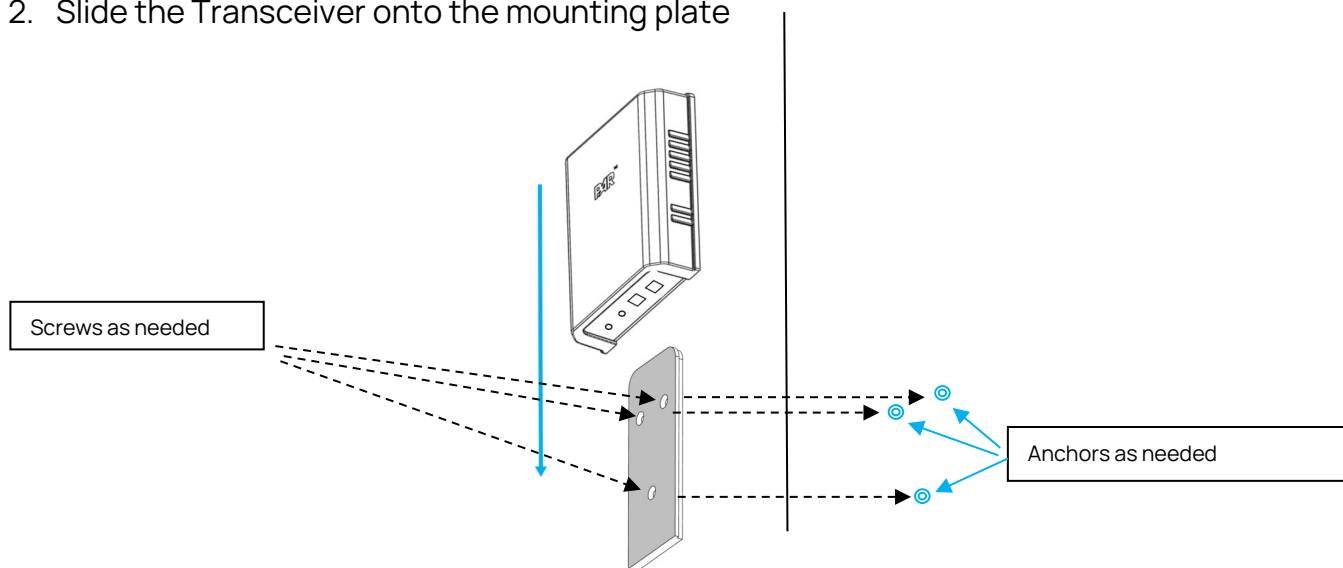
Note: WMT mounting should be at least 20cm away from any human contact.

1. Choose the desired location for the Transceiver making sure:
 - a. USB cable has enough length to reach the basestation
 - b. Use conduit as needed, depending on site

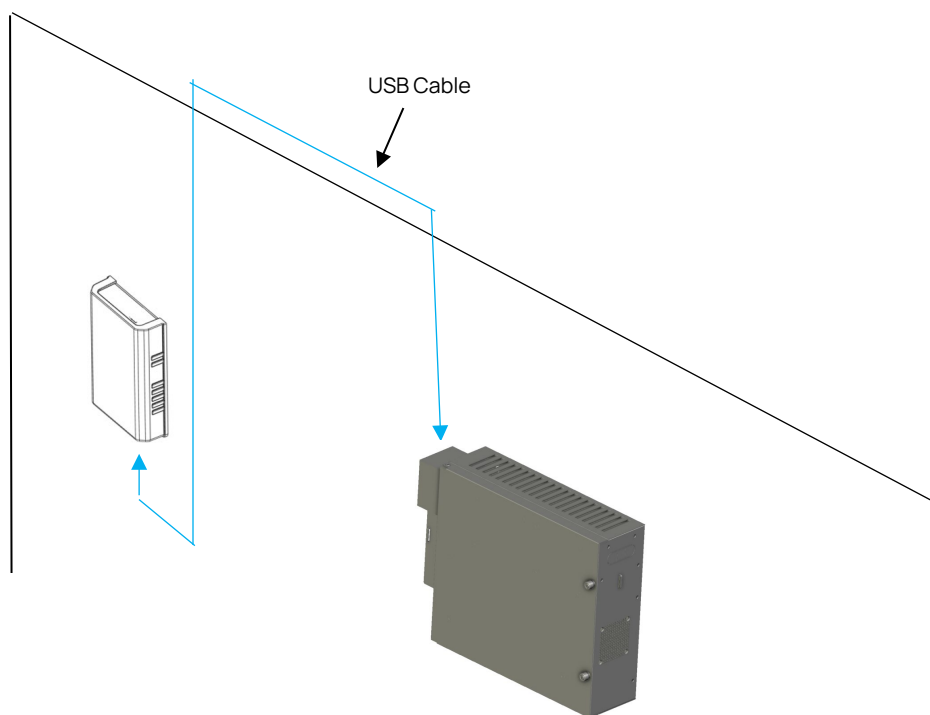


Installing the Transceiver

1. Mount the mounting plate of the Transceiver after range has been tested using screws or anchors as needed, do not yet tighten screw all the way.
2. Slide the Transceiver onto the mounting plate

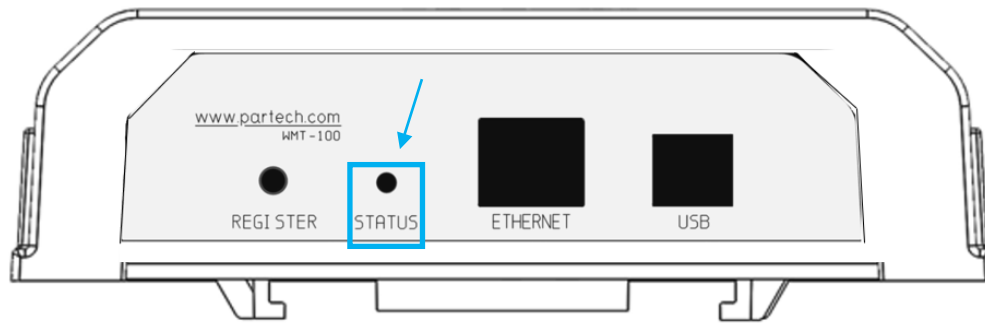


3. Plug the USB cable into the transceiver and the other end of the USB cable into the basestation (ensure the basestation is powered off)



Connecting the Transceiver

1. Power on the basestation.
2. Observe the LED status of the Transceiver, it will **blink red** repeatedly out of the box and when no headsets have been registered with the Transceiver. After a headset has been registered, it will **flash green** and will be on standby mode. When there is activity from a headset to the Transceiver, the LED will turn **solid green**.

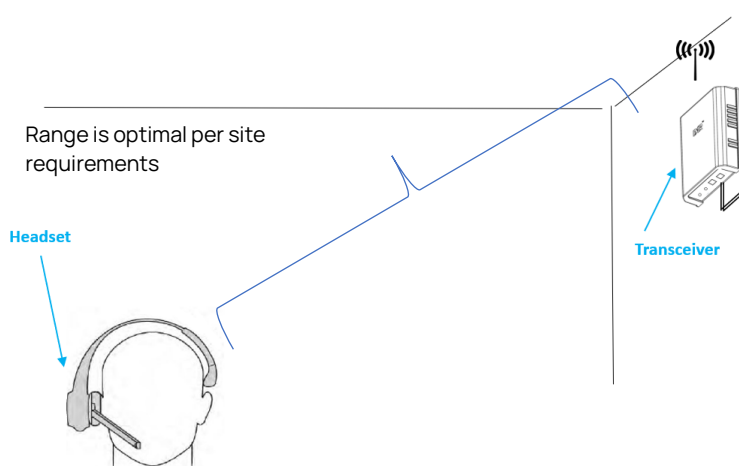


3. Log into the webpage/portal with the provided link and credentials. The Transceiver should automatically be discovered.
4. To confirm connection, go to '**Devices**' on the left panel, and select your Basestation. Click on the '**Actions**' ellipsis and select '**Settings**'.
5. Go to the '**Volume & Devices**' then to the '**Connected Devices**' section. It should show under '**Transceiver**', '**Connected**'.

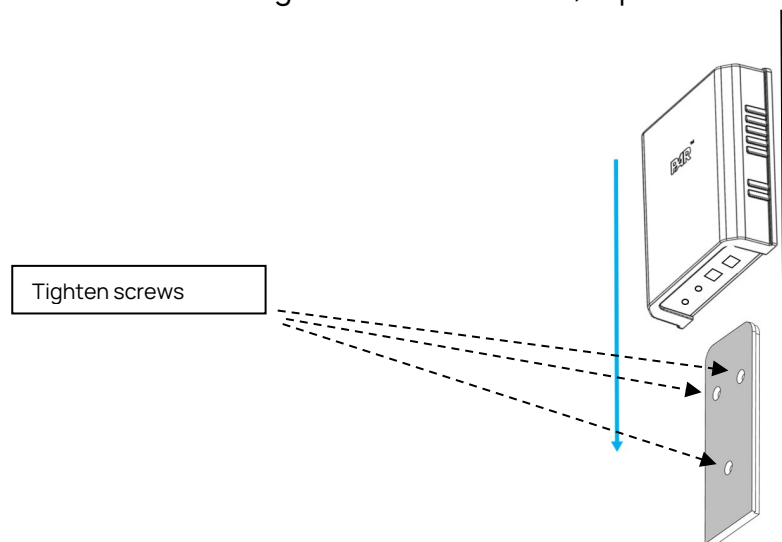
Testing the Transceiver and Finalizing Install

1. Use a registered headset and test the range of the system. (Use the other quick reference guides as needed for the Headset, LAi, and Basestation)

Important: Ensure basestation, LAi, speaker, and microphone are installed.



2. If the system audio and range tests are optimal, proceed to tighten down the screws on the Transceiver mounting plate by sliding the Transceiver out and sliding it back on once the screws are tightened. Otherwise, repeat the steps above.



Transceiver Specifications

Physical

Parameter	Specification or Requirement
Dimensions (l x w x d)	6 5/8" L x 4 7/8" W x 1 3/8" D
Weight	0.3 kg

Electrical

Parameter	Specification or Requirement
Input Power	USB Type B, 5VDC
Radio Frequency	DECT
Maximum Output Power	DECT Per Region

Functional

Parameter	Specification or Requirement
Indicator	Red, Green and Blue LED
Operating Altitude	= < 2000 meters
Operating Temperature	0 to 60 C

FCC Compliance Statement

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.

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

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ISED non-interference disclaimer

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). 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 device complies with the Canadian ICES-003 Class A specifications. CAN ICES-003(B) / NMB-003 (A).

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 exempt 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 appareil numérique de la Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

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Version History

Date	Version	Notes
9/27/24	A	Initial Release
11/25/24	B	General formatting/layout updates
12/20/24	C	Updated portal screenshots
03/05/25	D	General formatting/layout updates