



# Tempest Remote Transceiver Line Extender

## Quick Start Guide

### What's in each box:

- Remote Transceiver Line Extender (TMA-RTEXT-01)
- Power Supply
- International blades for mains connection (x2)

### What else you may need:

- Tempest2400 or Tempest900 BaseStation
- Tempest Remote Transceiver (RT)
- 100% copper twisted pair CAT-5 cable
- Tempest BeltStations with headsets attached

### Important things you need to know:

- Maximum distance of cable run from BaseStation to RT is 1500 ft.
- Maximum distance of cable run from RT Line Extender to RT is 1500 ft.
- Maximum distance of cable run from BaseStation to RT Line Extender is 3000 ft. when using one RT Line Extender
- Maximum distance allowable using multiple RT Line Extenders is 2000 ft. from BaseStation to RT Line Extender and to each additional RT Line Extender, to a maximum of 3.
- Maximum distance allowable from BaseStation to RT is 7500 ft. by way of a maximum of three RT Line Extenders.



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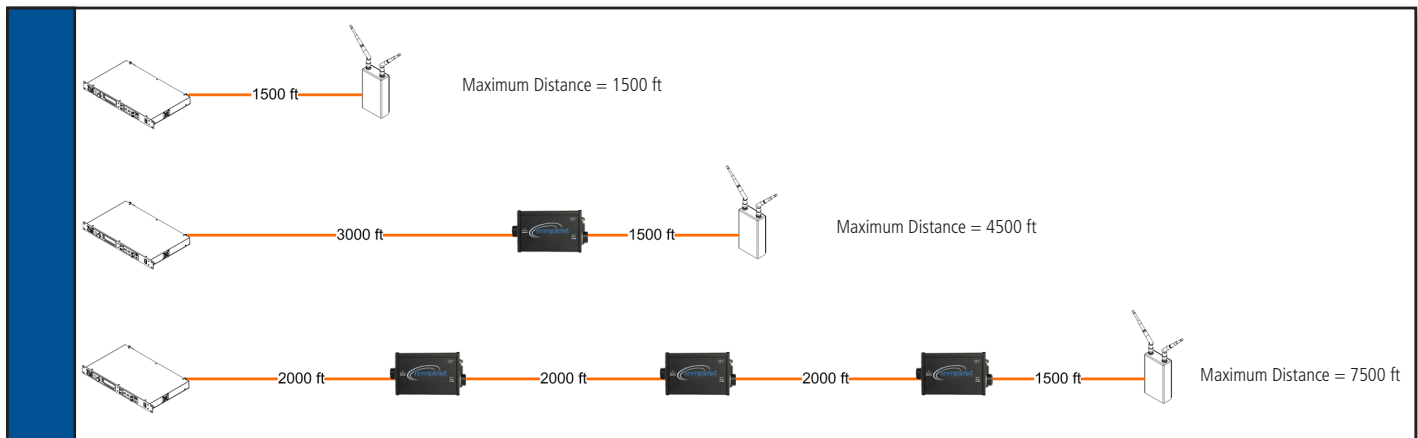
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RTLineExtenderQSG\_D0000161\_C

**Note:** Unit requires local power for proper operation.



## Setup Instructions

**\*\* With the BaseStation(s) powered off \*\***

1. Select Location of BaseStation/RT Line Extender/RT.
2. Connect Cat5 cable from BaseStation "Transceiver" port to RT Line Extender "from Base" port.
3. Connect Cat5 cable from RT Line Extender "to Remote" port to RT "BaseStation link" port on RT.
4. Connect power to RTLEx.
5. Power on BaseStation.
6. Check power and TX lights on RT Line Extender and Power, Sync, and TX lights on RT to insure system operation.
7. Power on BeltStations and walk-test your system to confirm performance.

**Note:** The RX light on the RT Line Extender and RT will only be lit when a BeltStation is logged in.

## Tips

- Water tight operation is possible for the Cat5 connections on the RT Line Extender. Please contact TE at <http://www.te.com/> and reference part number 1738607-1 for more information.
- Distances discussed and shown on the diagram are approximate and have been tested using 100% copper twisted pair Cat5 cable.
- Use of copper clad solid aluminum-core Cat5 cable significantly reduces distances and/or performance quality of your system.
- Use caution when mounting, especially near foot traffic areas; never mount directly overhead.
- Use installation template provided for assistance installing securely & accurately.
- If using ZSync, ensure all BaseStations are powered on and all RT Line Extenders and RTs are powered on and operational at all times.
- For multiple BaseStations, roaming installations, and detailed synchronization considerations, contact Pliant for more information.

