

Installation Manual

SATRAD-HE-675

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Kit Contents

Description	Qty
SATRAD-HE-675 handset extender	1
Speaker	1
120Vac power supply	1
#6 Metal screws	4
#6 Flat washers	4

Overview

The handset extender is used for areas where the operator needs to be significantly distant from the transceiver. The maximum distance this unit allows the operator to be from the transceiver is 205m or 675ft.

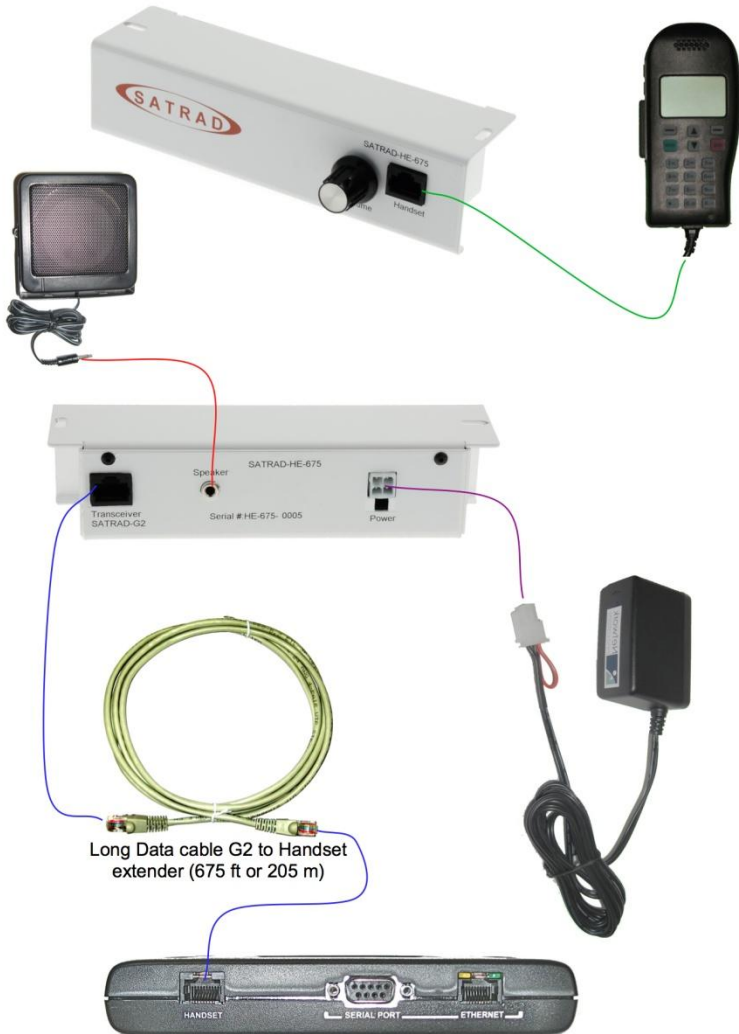
Installation Instructions

1. Ensure that all items in the contents list are present.
2. Check for any visible damage to components.
3. Attach the handset extender in an easily accessible place, using two screws and washers via the mounting slots in the control unit cover.
4. Attach the power supply cable to the power connector (illustrated in red), and the other end in to a standard 120Vac wall socket.
5. Mount the speaker using the mounting bracket. Connect the speaker 3.5 mm connector to the controller external speaker (illustrated in orange) port connector.
6. Connect the data cable from the controller (transceiver SATRAD-G2 port) to the SATRAD transceiver handset port (illustrated in blue).
 - a. The cable is a standard Cat5 Ethernet cable. The devices are not Ethernet compatible.
7. Connect the hand set to the extender's handset port (illustrated in orange).

Trouble Shooting Tips

1. Check the voltage of the power adapter. It must be 12Vdc.
2. Check the data cable and ensure that the cable is properly wired.
3. Check the volume control knob is turned down (fully counter-clockwise is minimum volume).
4. Read the handset display. The unit should display the appropriate talk group, beam, and signal strength greater than 50.
5. Disconnect the hand set and connect it directly to the SATRAD-G2 transceiver. Check for proper communications. Failure at this connection may mean the SATRAD-G2 needs repair.

Wiring Diagram



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