HelixNet® Partyline

Quick Start Guide

The following quick start guide provides basic installation instructions for linking two or more HelixNet Main Stations over Ethernet. It also provides a quick reference to possible network topologies.

Note: *For information about the HelixNet Remote Station, HelixNet Speaker Station with S-Mount bracket, HelixNet beltpacks and HelixNet 2W and 4W optional modules, see the* **HelixNet Partyline User Guide**.

Before Installing

In order to link two or more HMS-4X Main Stations over Ethernet or Fiber you need to ensure that all HMS-4X are updated to a 1.1.x or more recent software. The most recent HelixNet software can be found in the Support area of the Clear-Com web page (www.clearcom.com).

Note: Linked devices must be running the same version of software.

Installing Linking Modules

Warning: The interface modules are not hot pluggable. Ensure that the Main Station is powered down before inserting or removing modules.

To install either an Ethernet (HLI-ET2) or a Fiber (HLI-FBS) interface module to the HMS-4X Main Station:

1. Disconnect the HMS-4X Main Station from mains power.

2. Remove the blanking plate **(E)** and insert the interface module **(F)** into the module bay.

3. Reconnect the HMS-4X Main Station to mains power.

To configure the networking preferences, navigate to **Menu > Networking**.
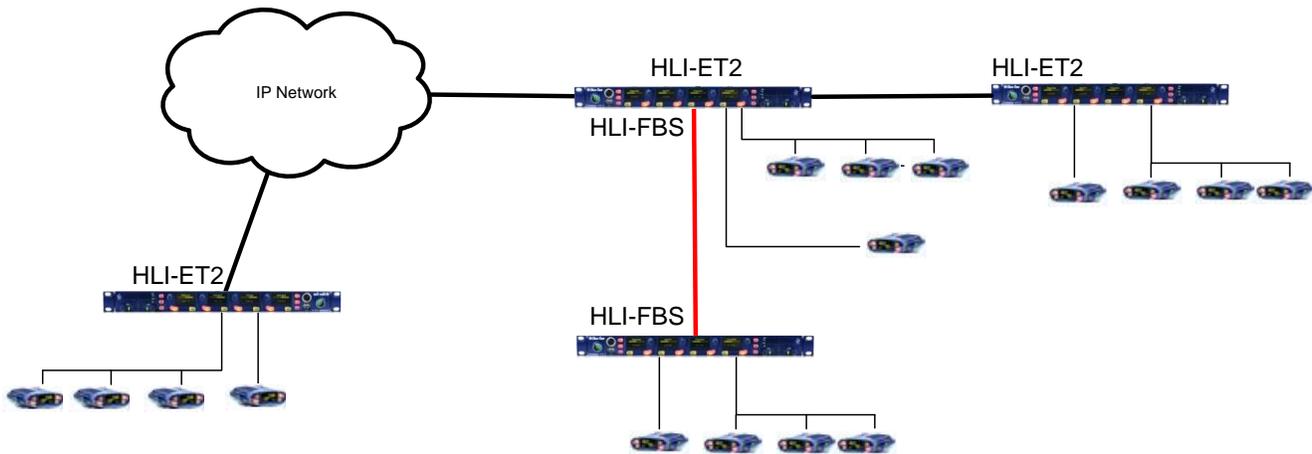
Quick Setup with HLI-ET2 Ethernet

1. Connect Cat5 or Cat6 cable from one HLI-ET2 port on one Main Station to one HLI-ET2 port on another Main Station.

2. On one Main Station navigate to **Menu > Networking > Linking > Link Mode > Master** and select **Enabled**. (To set a local static IP address, go to **Networking > Preferences** and set the IP address and subnet mask.)

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3. On up to two other Main Stations, navigate to **Menu Networking > Linking -> Link Mode -> Member**. This will bring you to **Networking > Link to Master -> By Name** menu where you can select the Link Master you configured in step 2.

Quick Setup with HLI-FBS Fiber

1. Connect Fiber cable from one HLI-FBS port on one Main Station to one HLI-FBS port on another Main Station.

2. On one Main Station navigate to **Menu > Networking > Linking > Link Mode > Master** and select **Enabled**.

3. On up to two other Main Stations, navigate to **Menu Networking > Linking -> Link Mode -> Member**. This will bring you to **Networking > Link to Master -> By Name** menu where you can select the Link Master you configured in step 2.

Quick Reference to Topologies

Quick Reference to Cable Distances

Cable type	Distance
Cat5 or Cat6	100 m
Multi Mode Fiber and Clear-Com Multi Mode SFP	2 km
Single Mode Fiber and Clear-Com Single Mode SFP	10 km