

HelixNet[®] Linking

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 belt packs and HelixNet 2W and 4W optional modules, see the **HelixNet Partyline User Guide**.

1.1 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).

1.2 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**.

1.3 Quick Setup with HLI-ET2 Ethernet

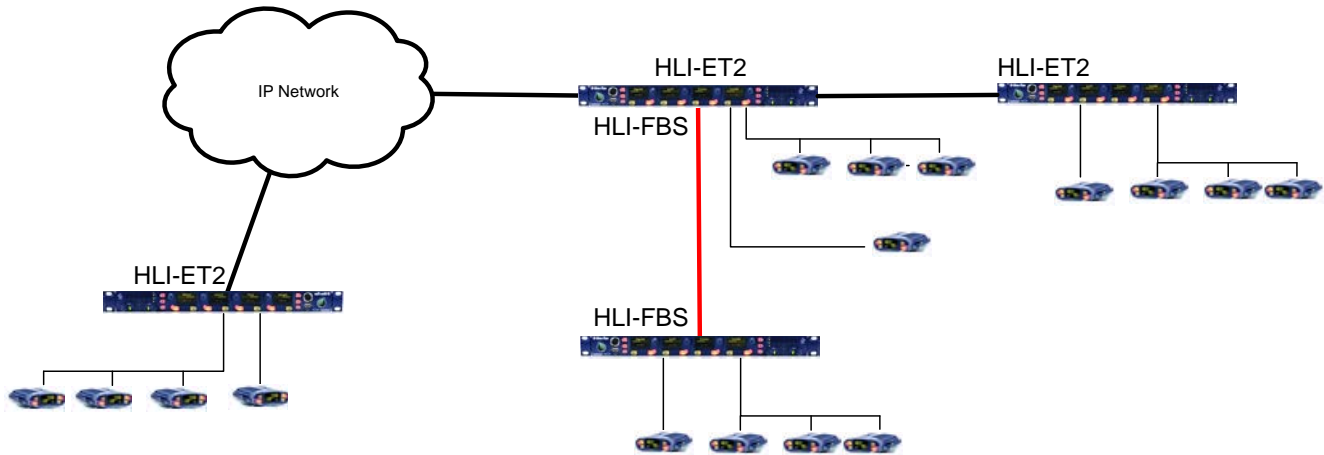
1. Connect Cat5 or Cat6 cable from one HLI-ET2 port on one Main Station to one HLI-ET2 port on another Main Station.
2. On each Main Station navigate to **Menu > Networking > Linking > Link Station** and select **Enabled**. (To set a local static IP address, go to **Networking > Preferences** and set the IP address and subnet mask.)

... **OR**

1.4 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 each Main Station navigate to **Menu > Networking > Linking > Link Station** and select **Enabled**.

1.5 Quick Reference to Topologies



1.6 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