HelixNet Partyline
Quick Start Guide

The following quick start guide provides basic installation instructions for your HelixNet Partyline system. It also provides a quick reference to possible topologies and cable capacitance.

Tip: *For in-depth information about HelixNet Partyline, see the **HelixNet Partyline User Guide**.*

1.1 Before installing

To ensure that HelixNet Partyline delivers the desired performance, review the cable specifications for the venue or application space before installing. To safely interface two-wire and four-wire audio source with HelixNet Partyline, use the optional two-wire (HLI-2W2) and four-wire (HLI-4W2) interface modules for the HMS-4X Main Station.
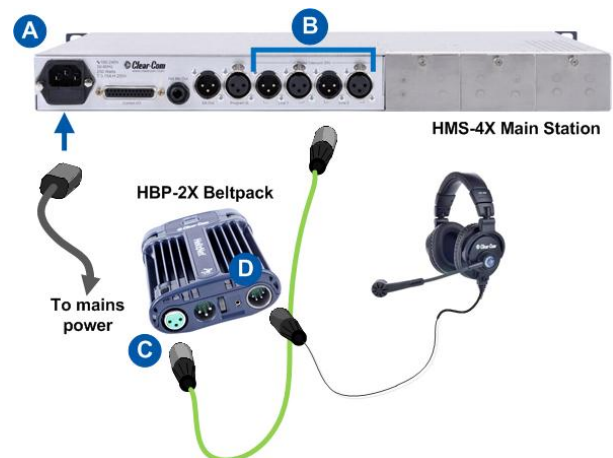
⚠️ **Warning:** *HelixNet Partyline operates at a different voltage than two-wire partyline systems (such as Clear-Com Encore or PL-Pro). Do **not** connect any analog two-wire partyline equipment to the Main Station powerlines as severe damage may occur.*

1.2 Installing HelixNet Partyline

To install HelixNet Partyline:

1. Connect the supplied power cord to the HMS-4X Main Station power connector **(A)**.

2. Connect the power cord to mains power.

3. Connect the cable from a powerline port to the XLR-3 port on the HBP-2X Beltpack **(C)**.

4. Connect the headset to the HBP-2X Beltpack **(D)**.

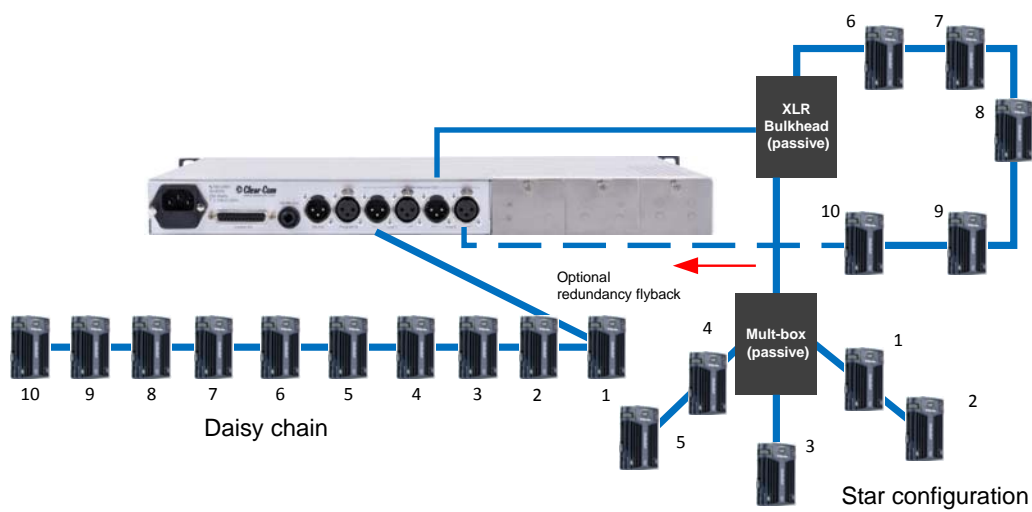## 1.3 Installing Interface Modules

To install either a two-wire (HLI-2W2) or four-wire (HLI-4W2) 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.

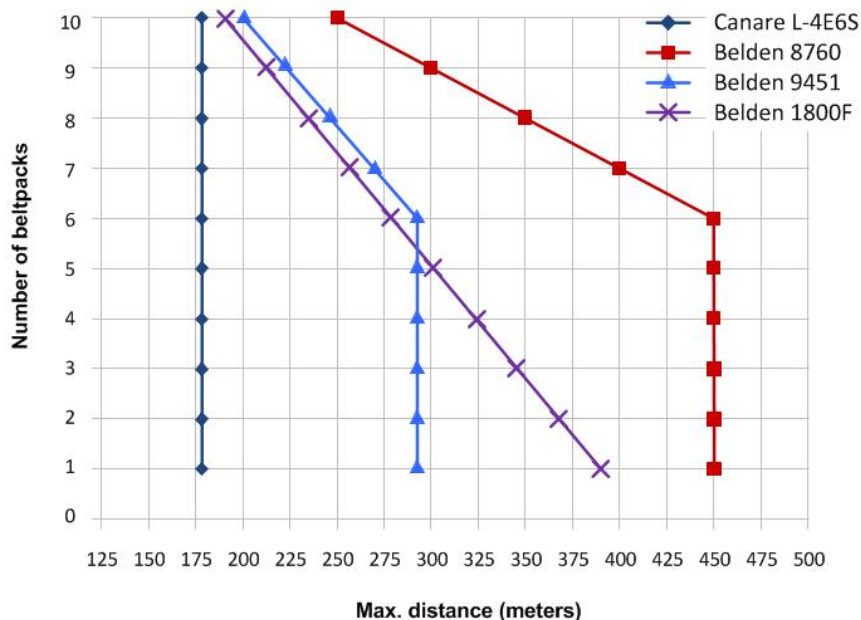3. Reconnect the HMS-4X Main Station to mains power.

To configure the interface module, navigate to **Menu > Module Settings**.

1.4 Quick reference to topologies

Daisy chain

Star configuration

1.5 Quick reference to cable capacitance

Manufacturer	Cable type	Gauge (AWG)	Style	Attenuation / 100m
Belden	8760	18	Std	11 dB
Canare	L-4E6S	21	Star Quad	56 dB
Belden	9451	22	Std	33 dB
Belden	1800F	24	Std	23 dB

Tip: *The attenuation of a cable increases with distance, and this can impact audio quality. If your priority is audio quality, experiment with attaching one or two fewer beltpacks than the maximum permitted (10) to each line. For in-depth cabling advice, contact your Clear-Com representative.*

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