

HXII-DPL Powerline Device

Quick Start Guide

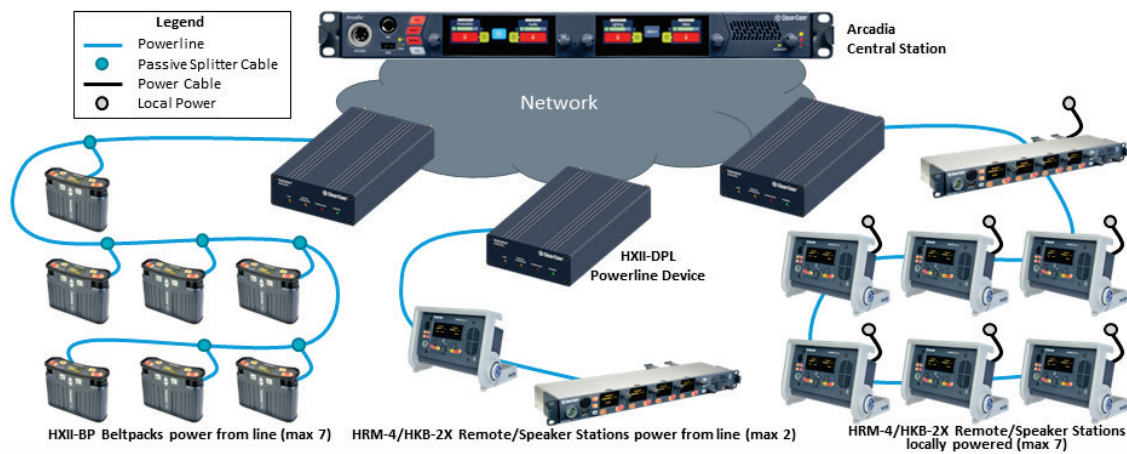
Important! Before use please verify:

- System firmware is up to date



The HXII-DPL Powerline device connects HelixNet® user stations, beltacks, speaker stations and remote stations to the Arcadia® Central Station or legacy HelixNet HMS-4X using standard 3-pin XLR cabling. The Powerline device can be added to any network supporting HelixNet.

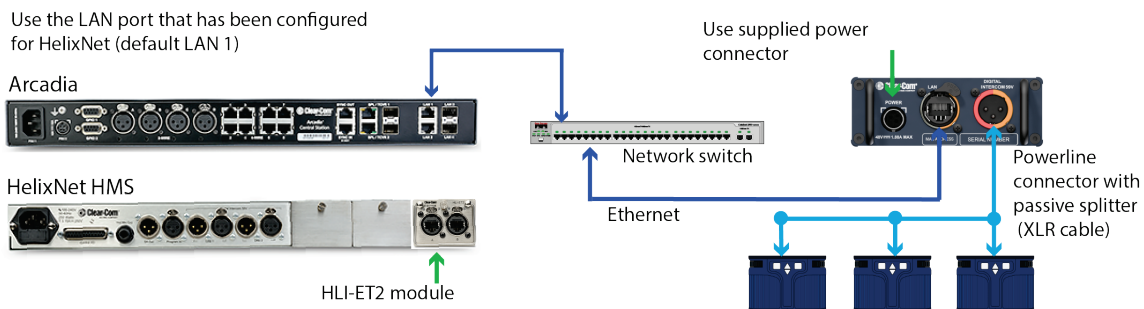
- Up to 24 Powerline devices can be connected to Arcadia or HMS-4X with an HLI-ET2 module.
- Up to 7 HelixNet beltacks (or power equivalent remote and speaker stations) per Powerline.



Note: Do not connect analog partyline or interface devices to Powerline (+/- 28.5V DC). Connecting Powerlines to devices it is not intended for may cause damage.

Connect HXII-DPL Powerline device(s) to your Arcadia or HMS-4X

HXII-DPL Powerline device connects to your Arcadia or HMS-4X via network and must be powered using the supplied power supply (PSU-EXT-005). Multiple HXII-DPL Powerline devices can be added to a system either at a central location, or, for best performance, locally where connections to HelixNet user stations are needed.



Connect HelixNet user stations via the HXI-DPL Powerline device

Connect the HXII-DPL Powerline device to HelixNet user stations using 3-pin XLR cabling, via passive splits or daisy chaining as appropriate.

Note: Clear-Com offers the SP-3 splitter cable that allows a Powerline output to be split three ways and the SP-2 which is intended to provide pass-through along a line.

Note: Use the *HelixNet Powerline Calculator* from the [HelixNet Knowledge Center](#) to validate cable length and power limits.

Pair HelixNet user stations to Arcadia or HMS-4X

Once physically connected and powered, the HelixNet user stations must be paired to the Arcadia or HMS-4X system host.

Note: HelixNet user stations must run HelixNet firmware v. 4.5 (included with Arcadia 2.11+) before use with the HXII-DPL Powerline device.

Pairing can be done in two ways:

- Centrally: device discovery and pairing in the CCM (Arcadia only)
 - From the CCM, navigate to: **Hardware>Resources** and select **Add Resource**
 - Select **Wired** tab
 - Select the HelixNet user stations found on the network and **Add** those to your system
- Locally: connect using the HelixNet beltpack, speaker or remote stations' front panel menu
 - From the HelixNet user station front panel **Networking** menu:
 - Select **Preferences**, set IP address (or use DHCP) in the same range as the Arcadia or HMS-4X
 - Select **Pair to Station > By Name** or **By IP Address**

Once connected the HelixNet user station will update its firmware to the host system (Arcadia or HMS-4X). When updated, the user station will connect to the first **HelixNet Enabled** channels in the system. Please consult the system user manual for further configuration.

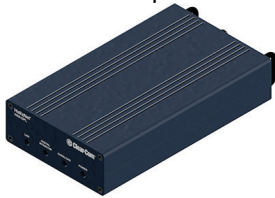
Upgrade HelixNet endpoints running older, non-supported firmware

HelixNet user stations must be upgraded to HelixNet v. 4.5+ before use with the HXII-DPL powerline device. The upgrade will be initiated automatically on connection to the Arcadia or HMS-4X system host.

Install HXII-DPL Powerline device as portable, surface mounted or rack mounted

The HXII-DPL Powerline device is a portable unit that includes screw socket mounting provisions on the bottom of the unit (VESA 75 standard). These can be used to attach the unit to the optional SM-100 surface mount or an RK-100 rack mount shelf that takes up to four HXII-DPL devices. Industrial Velcro is included for optional PSU mounting. The Velcro should be used on a clean (not labelled) surface and left to cure for 24 hours before use.

HXII-DPL portable



SM-100 surface mount



RK-100 rack mount



Information and Links

General

[Arcadia Knowledge Center](#)
[HelixNet Knowledge Center](#)
[HelixNet Powerline Calculator](#)

Support

[Solution Finder](#)
[Email Preferences](#)
[Support Requests](#)