COMMUNICATIONS - WIRED

CLEAR-COM HELIXNET HMS-4X 4 CH. MASTERSTATION



The HelixNets HMS-4X main station is a combination of a system host and an intercom user station with XLR Powerline connections to user stations. HMS-4X
hosts up to three HLI interface modules for external connectivity including Ethernet, 2 and 4 wire.

HMS-4X manages all endpoint connections and Ethernet routing of incoming audio to all listening user stations and interfaces where the audio is locally mixed. HelixNet's 12 channels of partyline intercom and Program Audio are available at
any HelixNet user station or interface port regardless of where they connect to the system.

HMS-4X features two XLR Powerlines each capable of supporting up to 10 user stations. Powerline allows digital connection using standard XLR cables and supports various cabling topologies and passive splitting, similar to analog partyline cabling. HMS-4X also supports endpoint connectivity over mix of
Powerline and Ethernet with the optional HLI-ET2 Ethernet module. HelixNet supports up to 64 endpoints, user stations or interface ports. User stations may be added and removed dynamically without configuration and assigned to any channel without restrictions. HMS-4X hosts firmware for endpoints and automatically matches versions upon endpoint connection.

Up to five additional HMS-4X main stations can be linked to the system host HMS-4X over Ethernet networks for a total of six linked HMS-4X.
Link groups of multiple HMS-4X seamlessly form a distributed HelixNet system, allowing local connectivity using HLI interface modules and XLR Powerlines to user stations.

HMS-4X front panel provides four keysets assignable to any intercom channel. The user station comes with a headset connection, gooseneck mic connector and a loudspeaker in addition to All Call, Stage Announce, Remote Mic Kill and Program Audio level controls. Expansion mode allows up to six HMS or HRM user stations to be combined, with each expanded station having up to 24 channels.
The keysets form unique waterfall menus allowing tactile system management. Browser-based Core Configuration Manager (CCM) allows networked system management using the optional HLI-ET2 Ethernet module.

HMS-4X can host three HLI interface modules for external analog audio and intercom connectivity, Ethernet linking and system control. HLI-modules include: HLI-ET2 network interface for system control, HLI-4W2 dual 4-wire analog line-level interfacing, and HLI-2W2 dual 2-wire interface for analog partyline cabling.

Orbital Sound Ltd, 57 Acre Lane,
Brixton, London, SW2 5TN,
United Kingdom,
Tel: +44 207 501 6868
hire@orbitalsound.com
www.orbitalsound.com