

# HLI-2W2 Interface Module

Digital Partyline Solutions

Linking  
People  
Together



HLI-2W2

## Key Features and Benefits

- 2-wire interface module
- Clear-Com/RTS assignment from HelixNet main station
- Two 3-pin XLR-F connectors per module

HelixNet is a digital partyline system with up to 24 channels of full-duplex audio and program audio over any shielded twisted-pair cable.

## Description

The HLI-2W2 is a 2-wire interface module that enables two channels of Clear-Com and/or RTS intercom to interface with HelixNet intercom channels. It fits within one of the three rear panel interface slots of an HMS-4X main station. The HLI-2W2 connects two 1-channel 2-wire analog audio circuits to HelixNet intercom channels. Two 3-pin XLR-F connectors on the module connect intercom lines, such as Clear-Com or RTS, and can be assigned via the main station menu.

## 2-wire Interface Module Pin-Out

Enables interoperability with Clear-Com wireless systems and both Clear-Com and RTS analog partyline systems.

Pin	Function
1	Ground
2	Power (Option for RTS mode: power and audio)
3	Audio

\*Use HelixNet main station menus to set the module for either Clear-Com or RTS systems. If RTS mode is selected, you can set with Pin 2 for power and audio or Pin 3 for audio.

# HLI-2W2 Interface Module

Digital Partyline Solutions

## Technical Specifications

### Connectors

Intercom Line: (2) 3-pin XLR-F

### Partyline

Maximum Level Before Clipping: 6dBu

Nominal Input Level: -18dBu (C-C), -12dBu (RTS)

Input Impedance: >= 10KΩ bridging

The following specified for a route to four-wire input at 0dBu in:

Frequency Response: 100 Hz - 10 kHz ±3dB

Distortion: <0.2% THD @ 1kHz

Noise: <-55dBu

The following specified for a route from a four-wire output at 0dBu out:

Frequency Response: 40 Hz - 10 kHz ±3dB

Distortion: <0.2% THD @ 1 kHz

Noise: <-75dBu

Auto-nulling and Echo Cancellation

Clear-Com/RTS Selectable

Termination: External

Power: 30V max external

### Dimensions

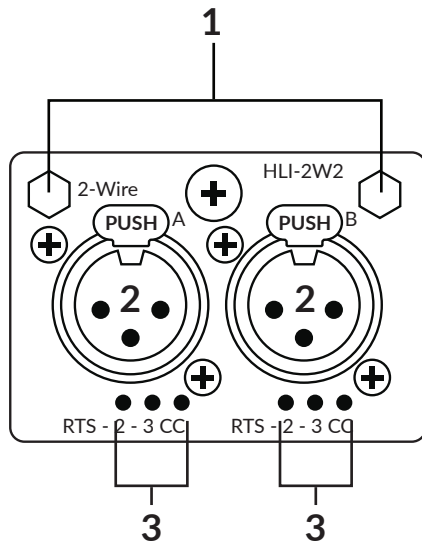
2.2 x 7.4 x 1.5 in (HxWxD)

(57 x 187 x 39 mm)

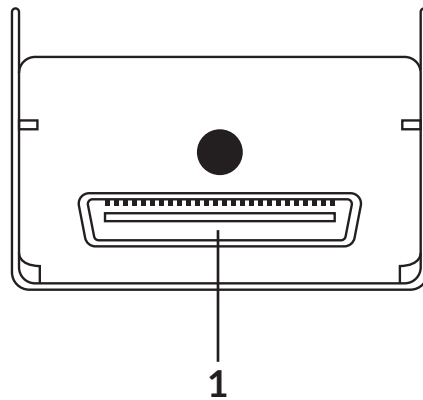
### Weight

13 oz (0.38 kg)

## HLI-2W2 Front



## HLI-2W2 Back



## Legend

### Front

1. Handle Mounting Point
2. 3-pin XLR-F Connectors
3. Status Indicators

### Back

1. Blade Connector to HelixNet Main Station option slot

## Order Code

HLI-2W2