

HLI-4W2 Interface Module



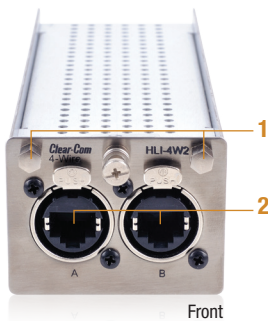
The HLI-4W2 Interface Module enables 4-wire audio paths, such as matrix ports, cameras and telephone circuits to interface with HelixNet intercom channels.

DESCRIPTION

The HLI-4W2 is a 4-wire interface module that fits within one of the three rear panel interface slots of a HelixNet Main Station (HMS-4X). The HLI-4W2 connects two 4-wire analog audio circuits to HelixNet intercom channels. Two RJ-45 connectors on the module connect the external 4-wire circuits and can be assigned via the main station menu. Each of the two ports utilizes both transformer and electrical balancing for hum and noise-free audio paths.

KEY FEATURES AND BENEFITS

- 4-wire interface module
- Matrix port, camera and telephone circuit assignment from HelixNet Main Station
- Two RJ-45 connectors per module



Interface Module Front

1. Handle Mounting Point
2. RJ-45 Connector

Interface Module Rear

3. Blade Connector to HelixNet Main Station option slot

TECHNICAL SPECIFICATIONS

Connectors

Intercom Line: (2) RJ-45 (Ethernet)

Four-wire Option Module Inputs

Maximum Level

Before Clipping: 18dBu

Nominal Input Level: 0dBu (selectable)

Input Impedance: $\geq 10\text{K}\Omega$

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

Frequency Response: 20Hz - 10kHz $\pm 3\text{dB}$

Distortion: $< 0.2\%$ THD @ 1kHz

Noise: $< -65\text{dBu}$

Four-wire Option Module Outputs

Maximum Level

Before Clipping: 18dBu

Nominal Output Level: 0dBu (selectable)

Output Impedance: $\leq 100\Omega$

The following specified for a route from a dynamic headset:

Frequency Response: 300 Hz - 12 kHz $\pm 3\text{dB}$

Distortion: $< 0.1\%$ THD @ 1 kHz

Noise: $< -55\text{dBu}$

Dimensions

7.36 in. W x 2.24 in. H x 1.54 in. D
(187 mm x 57 mm x 39 mm)

Weight

13oz (0.38kg)

Notice About Specifications

While Clear-Com makes every attempt to maintain the accuracy of the information contained in its data sheets, that information is subject to change without notice. Performance specifications included in this data sheet are design-center specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary.