

IF-2/IF-4/IF-8

AUDIO INTERFACE ADAPTERS

TECHNICAL DATA SHEET

DESCRIPTION

Louroe Model IF-2, IF-4 and IF-8 are audio interface adapters designed for connecting up to two (IF-2), four (IF-4) or eight (IF-8) Louroe microphones to a DVR or other recording devices that have multiple audio inputs. The units contain dual outputs (per microphone) for accommodating either an RCA input or a 3.5mm (mini jack) input connection to a DVR, IP network camera, video server, etc. In addition, the IF-2, IF-4 and IF-8 receive wiring from the Louroe microphones, provide phantom power and contain a variable gain adjust per output to prevent the overdriving of the DVR, etc. All Louroe microphones are compatible with these three units.

AUDIO TEST SWITCH

Its function is to indicate the presence of audio and to assure that the IF-2/IF-4/IF-8 is driving the audio signals into the input of the audio receiving device. The audio indicator LED illuminates when audio is present.

APPLICATION

As part of a Louroe audio system, the IF-2, IF-4 and IF-8 are used for connecting microphones to:

- IP Network Cameras
- DVR's
- Video Servers
- PC soundcard modules
- Other audio receiving devices that accept line level input

WIRING REQUIREMENTS

Between Louroe Microphone and IF-2/IF-4/IF-8:
2 Conductor shielded cable, 22 gauge with a 24 gauge drain wire.
West Penn 452, Belden 8451 or equivalent



IF-2 Interface Adapter



IF-4 Interface Adapter



IF-8 Interface Adapter

FEATURES

- Compatible with all Louroe microphones
- Contains terminal blocks for microphone connections
- Supplies 12Vdc power to the microphones
- Dual outputs (per microphone) to accommodate either an RCA input or 3.5mm input connection to DVR, IP Network Camera, etc.
- Gain adjust (each output) to prevent overdriving or underdriving the audio signal
- 12 Vdc power supply included
- RCA connector cables and 3.5mm mono connector cables (with stereo adapter) included
- Audio test switch with indicator LED to assure presence of audio

SPECIFICATIONS

■ Input (3-pin terminal block)	Line Level (0dB@1KΩ)
■ Audio Input Impedance	5kΩ
■ Audio Output Impedance	600Ω
■ Audio Output Gain	+10dB
■ Power Requirements	+12 Vdc, 500mA
■ Dimensions (IF-2)	6 1/8" L x 4 1/2" W x 1 1/4" H
■ Dimensions (IF-4/IF-8)	11 1/2" L x 4 3/4" W x 1 1/4" H
■ Weight, net including power supply & cables	IF-2 1.7 lbs (0.8 Kg) IF-4 2 lbs (0.9 Kg) IF-8 2.5 lbs (1.1 Kg)



IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped.



Federal Law References:
Federal Regulations, US Code, Title 18.
Crime and Criminal Procedure, Sec 2510.