

# 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



#### 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.



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)