# 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 RCA 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. using the connector cables supplied. In addition, the IF-2, IF-4 and IF-8 receive wiring from the Louroe microphones, provide 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

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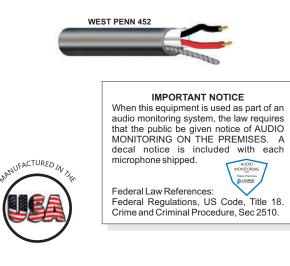
- IP Network Cameras
- DVR's
- Video Servers
- PC soundcard modules
- Other audio receiving devices that accept line level input

## 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

**WEST PENN 452**

MANUFACTURED IN THE USA



**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 cable, RCA to 3.5mm mono connector cable and mono to stereo adapters are included
- Audio test switch with indicator LED to assure presence of audio

## SPECIFICATIONS

| | |
|---|---|
| Input (3-pin terminal block) | Line Level |
| Audio Input Impedance | 20kΩ |
| Audio Output Impedance | IF-2 400Ω  IF-4/8 600Ω @1kHz |
| Audio Output Gain | +10dB |
| Power Requirements | +12 Vdc, 500mA |
| Dimensions (IF-2) | 6 1/8"L x 4 5/8"W x 1 3/8"H |
| Dimensions (IF-4/IF-8) | 11 1/2"L x 4 3/4"W x 1 1/2"H |
| Weight | IF-2  7 oz<br>IF-4  12.5 oz<br>IF-8  13.5 oz |
| Shipping Weight | IF-2  1 lb<br>IF-4  2 lbs<br>IF-8  2 lbs |