

AOP-SP70

SPEAKERPHONE CONVERTER

TECHNICAL DATA SHEET

DESCRIPTION

For video transmission systems requiring two-way audio over the network, the Louroe AOP-SP Series of speakerphones are ordinarily utilized for providing bi-directional audio. However, they are not designed for outdoor or high vandalism applications. To accommodate these applications, the AOP-SP70 conversion unit was developed to make Louroe Model TLO outdoor Speaker/Microphone compatible with DVR's, IP Network Cameras, Video Servers, etc.

Along with converting the audio signals for compatibility with IP Camera, DVR, etc., the AOP-SP70 also:

- Provides power to the Louroe TLO unit
- Drives the audio signals into the audio input of DVR, etc.
- Amplifies the audio talkback received from the "speaker out" of the DVR, etc. for broadcast through the TLO speaker
- Contains level controls for microphone input and speaker output
- Built-in 12Vdc power jack

A 120Vac/12Vdc power supply is included.

APPLICATION

Model AOP-SP70 is a conversion unit used only for interfacing with Louroe Speaker/Microphone Model TLO (outdoor type) with :

- DVR's
- IP Network Cameras
- PC Soundcards and soundcard modules
- Video Servers

AOP-SP70 to TLO

WIRING REQUIREMENTS

- 4 Conductor consisting of:
- 2 Conductor **shielded**, 20 gauge with 22 gauge drain (microphone connection)
 - 2 Conductor **unshielded**, 18 gauge (speaker connection)

West Penn 356 or equivalent



AOP-SP70 to IP CAMERA, DVR, ETC

WIRING REQUIREMENTS

- 3 Conductor consisting of:
- 2 Conductor **shielded**, 20 gauge with 22 gauge drain
 - 1 Conductor **unshielded**, 20 gauge

West Penn 358 or equivalent



MODEL AOP-SP70
Speakerphone Conversion Unit

FEATURES

- Contains audio inputs (terminal blocks) for microphone and speaker connection from Louroe Model TLO
- Sends power to speaker/microphone (TLO)
- Drives audio signals into DVR, IP Network Cameras, etc.
- Amplifies talkback from receiving device for broadcast through TLO Speaker
- Contains level controls for listen and talkback
- Contains built-in 12Vdc power jack
- 12Vdc power supply included

SPECIFICATIONS

Audio output impedance	600Ω
Audio input impedance	600Ω
Talkback power output	1W @ 70V
Power Input	12 Vdc, 500 mA
Dimensions	8 3/8"L x 7 3/8"W x 2 3/4"H
Weight	3 lbs 8.5 oz
Shipping Weight	6 lbs

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.