

AOP-SP-E

SPEAKERPHONE

TECHNICAL DATA SHEET

DESCRIPTION

Model AOP-SP-E is a wall mount speakerphone designed to interface with various modes of audio/video transmission systems. They provide bi-directional audio to the receiving device (DVR, PC soundcard, IP Camera, etc.). The AOP-SP-E contains a built-in electret condenser microphone and a 4" speaker. Also it has control potentiometers for adjusting the sensitivity of both transmitted and received audio. AOP-SP-E comes with both back boxes for Flush and Surface mounting to a wall. The unit is weather resistant and maybe used for outdoor applications.

APPLICATION

Model AOP-SP-E has the electronics to provide two-way/talk-listen audio with the following transmission systems:

- DVR's
- PC Soundcards and soundcard modules
- Audio over IP Camera
- Wireless video systems that accept audio
- Video Servers




FEATURES

- Omni-directional microphone and 4" speaker
- Hands free operation
- External controls for adjusting volume of both listen and talkback
- Power LED on faceplate
- Aluminum face plate
- Backboxes (included)
 - Surface mount (Metal)
 - Flush Mount (Plastic)

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.

WIRING REQUIREMENTS

- 3 Conductor consisting of:
- 2 Conductor **shielded**, 20 gauge with 22 gauge drain
 - 1 Conductor **unshielded**, 20 gauge
- All in the same jacket

West Penn 358 or equivalent



SPECIFICATIONS (Microphone)

Type	Electret Condenser
Audio output	Line level (0 dB @ 600Ω) unbalanced
Microphone element sensitivity	-45 dB
Frequency response	40 Hz - 15 kHz
Audio Input Impedance	600Ω

SPECIFICATIONS (Speaker)

Speaker power output	1W
Speaker impedance	8Ω
Speaker magnet	1.73 oz ceramic
Speaker size	4"
Current Drain	200mA
Supply Voltage	12Vdc
Dimensions	Faceplate 8" H x 6 1/4" W Metal Backbox 8" H x 6 1/4" W x 2 3/4" D Plastic Backbox 8" H x 6 1/4" W x 2 5/8" D
Weight	1lb 6 oz
Shipping Weight	6 lbs