

AOP-SP-E

SPEAKERPHONE

TECHNICAL DATA SHEET

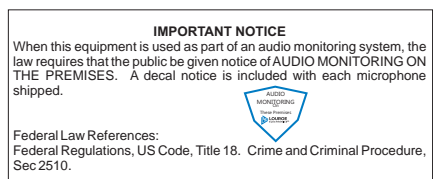
DESCRIPTION

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



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



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)

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