

### DESCRIPTION

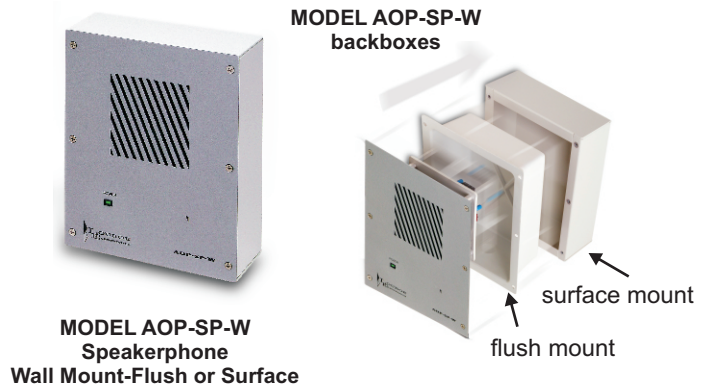
Model AOP-SP-W is a wall mount speakerphone designed to interface with various modes of audio/video transmission systems. They provide bi-directional audio to the receiving device (DVR, PC soundcard, IP Camera, etc.). The AOP-SP-W contains a built-in electret condenser microphone and a 4" speaker. Also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

### APPLICATION

Model AOP-SP-W 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

Companion Model AOP-XD Transceiver Interface can be used for the above applications




## 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
Microphone output	line level (0 dB @ 600Ω)
Microphone element sensitivity	-45 dB
Frequency response	40 Hz to 15kHz ± 1dB

### SPECIFICATIONS (Speaker)

Speaker power output	2W
Speaker impedance	8Ω
Speaker magnet	3 oz. ceramic
Speaker size	4" (101mm)
Power supply	12Vdc, 500mA
Weight, net	3 Lbs. (1.4 Kg)

### SPECIFICATIONS (Mechanical)

Face Plate dimensions for AOP-SP-W	6¼"W x 8"L (159mm W x 203mm L) Aluminum
Surface Mount Backbox	6¼"W x 8"L x 2¾"D (159mm W x 203mm L x 70mm D) Aluminum
Flush Mount BackBox	5"W x 6 "L x 2 "D (127mm W x 175mm L x 67mm D)
Total including flange	6¼"W x 8"L x 2 "D (159mm W x 203mm L x 67mm D)

