

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, pre-amp, amplifier 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

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

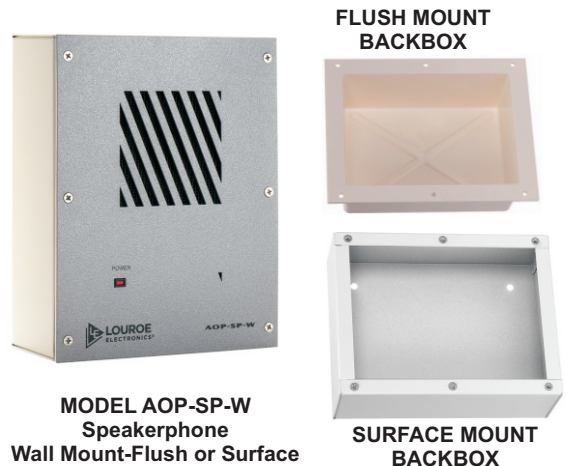
3 Conductor consisting of:

- 2 Conductor **shielded**, 20 gauge with 22 gauge drain
- 1 Conductor **unshielded**, 20 gauge

All in the same jacket

West Penn 358 or equivalent





MODEL AOP-SP-W
Speakerphone
Wall Mount-Flush or Surface

FLUSH MOUNT
BACKBOX

SURFACE MOUNT
BACKBOX

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	<table border="0"> <tr> <td>Faceplate</td> <td>8" H x 6 1/4" W</td> </tr> <tr> <td>Metal Backbox</td> <td>8" H x 6 1/4" W x 2 3/4" D</td> </tr> <tr> <td>Plastic Backbox</td> <td>8" H x 6 1/4" W x 2 5/8" D</td> </tr> </table>	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
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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						