

DESCRIPTION

Model AOPSP-PB is a wall mount speakerphone with a 1" call button. It is designed to interface with various modes of audio/video transmission systems such as IP Network Cameras, Video Encoder that accept audio, DVR's, soundcards, etc. The unit contains a built-in microphone and 4" speaker for providing bi-directional audio with the receiving source (IP network camera, etc.) Also a 1" call button for switch closure activity. Gain adjust potentiometers for listen and talkback are located inside the unit.

AOPSP-PB comes with two back boxes - 1 for surface mounting (metal backbox) and 1 for flush mounting (plastic backbox)

The AOPSP-PB can be used as a stand alone unit or with the companion unit Model AOP-XD. The AOP-XD powers up the unit, drives the audio signals into the audio receiving device, amplifies the talkback feature, and contains both RCA and 3.5mm audio inputs and outputs.



Model AOPSP-PB is for **flush** or **surface** mounting to a wall or flat surface

FEATURES

- Omni-directional electret condenser microphone
- 4" (10cm) speaker
- 1" (2.5cm) red call button for switch closure activity
- Power LED on face plate


APPLICATION

Models AOPSP-PB is used in conjunction with other manufacturer's audio receiving devices such as:

- DVR's
- IP Network cameras (that accept audio)
- PC Soundcards
- Video Encoders (that accept audio)

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.



SPECIFICATIONS (Mechanical)

▪ Dimensions (Face Plate)	6 1/4"H x 8"W metric (158mm H x 203mm W)
▪ Backbox for AOPSP-PB	
Surface Mount Box (metal)	6 1/4"H x 8"W x 2 3/4"D metric (158mm H x 203mm W x 70mm D)
Flush Mount Box (plastic)	
Backbox Portion	5"H x 6 7/8"W x 2 5/8"D metric (127mm H x 175mm W x 67mm D)
Total including flange	6 1/4"H x 8"W x 2 5/8"D metric (158mm H x 203mm W x 67mm D)

SPECIFICATIONS (Microphone)

▪ Type	Electret Condenser
▪ Microphone output	line level (0 dB @ 1kΩ)
▪ Microphone element sensitivity	-45dB
▪ Frequency response	40 Hz to 15 kHz ± 1 dB
▪ Output Impedance	600Ω unbalanced
▪ Supply voltage	12 Vdc

SPECIFICATIONS (Speaker)

▪ Speaker Power output	2W
▪ Speaker Impedance	8Ω
▪ Speaker magnet	3 oz. ceramic
▪ Speaker size	4" (10cm)
▪ Weight, net	3 Lbs. (1.4Kg)

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

