

AOP-530/540

FULL DUPLEX SPEAKERPHONE

TECHNICAL DATA SHEET

DESCRIPTION

Model AOP-530 and 540 are wall mount speaker phones. The AOP-530 integrates a 5/8" illuminated call button. They are capable of full duplex communication and electronic noise cancellation. They are 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 units contain a built-in microphone and 2" speaker for providing bi-directional audio with the receiving source (IP network camera, etc.). Speaker volume adjustment potentiometer is located inside the unit. The AOP-530 and 540 are designed to fit into most 3-gang box enclosures and use spring clamp quick connect terminal blocks for ease of wiring and installation.

APPLICATION

Models AOP-530/540 are 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)



AOP-530



AOP-540

FEATURES

- + Omni-directional electret condenser microphone
- + 2" (5 cm) speaker
- + 5/8" Vandal resistant call button for switch closure activity (AOP-530)

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	4Ω
Speaker magnet	Neodymium
Speaker size	2"
Current Drain	200mA
Supply Voltage	12Vdc
Dimensions	6.5" H x 4.8" W x 1.9" D
Weight	1lb 7 oz
Shipping Weight	3 lbs

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

