



ASH30

Network Horn Speaker

Admoveo ASH30 is a SIP enabled horn speaker which provides exceptionally clear and intelligible voice for SIP paging, notification/tone broadcasting and streamed background music. It is suitable to be deployed in outdoor and other open spaces for public notifications and public safety purposes.

Applicable Scenarios



Schools

Industrial
Facilities

Plazas

Train/Bus
Stations

Warehouses



Playgrounds

Manufacture
Facilities

Stadiums

Sports
Stadiums

Parks



Scenic Areas



Warehouses

Features

- Built-in 30W amplifier, 400Hz to 8KHz frequency range and 117dB max sound pressure level, the audibility and intelligibility of voice paging are guaranteed even in noisy and large spaces.
- With IP65 protection rating and well thermal durability. ASH30 is suitable for outdoor installation and operations, even in extreme outdoor environments.
- Admoveo IP Audio Center auto provisioning support, large-scale installations (local or remote) will be extremely easy and time-saving.
- Built-in SIP support, can be integrated with Admoveo IP Audio Center or third-party SIP server, SIP paging using wideband G.722 codec which provides crystal clear HD voice.
- Music playback through Admoveo IP Audio Center using streamed media. HD MP3 audio files supported for superior quality of background music.
- Standard PoE (IEEE 802.3at) support, simple and easy installation with a single network cable. External power supply can be used if required.
- ASH30 supports three lines SIP accounts, in which users may register the endpoint in more than one system for achieving different functionality purposes.
- ASH30 is compatible with ONVIF-supported Video Management Software (VMS), enabling collaboration with IP cameras for functions such as paging, emergency notifications, real-time announcements, and event linkage, enhancing both security and functionality.

Specifications

Speaker

Speaker component	2"midrange driver unit
Sensitivity	105dB/1m/1W
Max sound pressure level	117dB
Amplifier	Built-in 30W Class D Amplifier
Rated power	DC: 8Ω 30W or PoE: 8Ω 18W
Frequency range	400Hz – 8KHz
Coverage Pattern	50°H 50°V, effective distance 70m
Acoustics	Mono

Audio

Audio codecs	G.722, G.711 A-law, G.711 U-law, Opus
Audio streaming	MP3 sampling rate 8 – 48KHz, bit rate 64 – 320kbps, mono or Stereo

Network

Interface	RJ45 10BASE-T/100BASE-TX PoE
Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH

Administration

Configuration	Web interface or auto provisioning server.
Provisioning method	MQTT IoT Protocol

Mechanical Properties

Memory	128MB RAM, 256MB Flash
Power input	PoE IEEE802.3at/DC24V2A
Casing	Surface-treated 1060 aluminium
IP Rating	IP65
Color	Grey
Weight	2.68KG (5.9lb)
Dimension	Ø276.07 x 276.6 mm (10.87 x 10.89 in)
Mounting method	Wall/pole mounted
Key	Press and hold for 3 seconds to announce IP address; Press and hold for 10 seconds to reset device to factory defaults.

Environmental

Installation environment	Outdoor
Operating temperature	-30°C - 70°C (-22°F - 158°F)
Storage temperature	-40°C - 70°C (-40°F - 158°F)
Humidity	10% - 95% RH Non-condensing

Approvals

Approvals	EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 62368-1:2014+A11:2017, FCC Part 15B Class A
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Frequency Response Curve

