



## ASL30

## Network Column Speaker

Admoveo ASL30 is a high-performance SIP-enabled column speaker for SIP paging, notification broadcasting, and streamed high-definition music playback. ASL30 has high sensitivity and capacity, providing clear and rich saturation, whether SIP-based propaganda broadcasting or background music playing. ASL30 also supports dry contact signal output and switch signal input for various sensors integrations. Meanwhile, the support of PoE+ makes installation much easier and more effort-less.

## Applicable Scenarios



Schools



Health Care



Shopping Centers



Train/Bus  
Stations



Government  
Offices



Indoor  
Carparks



Residential



Retail Shops



Airports



Office  
Buildings



Warehouses



Hotels

## Features

- ASL30 is a triune-speaker driver units design, two low-frequency woofer driver unit, and one highfrequency tweeter driver unit. It provides premium sound quality, enhances the audience experience.
- Standard PoE+ (IEEE 802.3at) support, simple and easy installation with a single network cable. External power supply can be used if required.
- With the 3.5mm audio input jack, ASL30 can collect external audio sources from devices such as mobile phones, computers, mp3, etc. and playback through its own speakers.
- Various sensors can be integrated, like smoke sensors, infrared sensors, or alarm light.
- With IP65 protection rating and well thermal durability. ASL30 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 straightforward and time-saving.
- Standard SIP protocol supported can be integrated with Admoveo IP Audio Center or other thirdparty SIP servers. SIP paging using wideband G.722 codec, which provides crystal clear HD voice.
- Music playback through Admoveo IP Audio Center using streaming media. HD MP3 audio files supported for superior quality of background music.
- Support Multicast and Peer-to-Peer (P2P) to share data between devices without a central server while the devices use under the same local network.
- Build-in Class-D amplifier with local and server controlled volume output level, ASL30 guarantees the full and consistent coverage and audio comfort and the flab.
- ASL30 supports three lines SIP accounts, in which users may register the endpoint in more than one system for achieving different functionality purposes.
- ASL30 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

<b>Speaker</b>	
Speaker Component	Two 3.25" woofer units + one 1" tweeter unit
Sensitivity	82dB/1m/1W
Max sound pressure level	97dB
Amplifier	Build-in Class D Amplifier
Coverage pattern	135°, Optimal distance 50m
Rate power	4Ω 30W
Frequency range	100Hz - 20KHz
Material	Aluminum film
Acoustics	Mono
<b>Audio</b>	
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
<b>Network</b>	
Interface	10/100Mbps, Support PoE IEEE 802.3at
Network protocol	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH
<b>Administration</b>	
Configuration	Web interface or auto provisioning server
Provisioning method	MQTT IoT Protocol
<b>Mechanical Properties</b>	
Memory	128MB RAM, 256MB Flash
Power Input	PoE IEEE 802.3at or DC 24V-2A
Casing	Aluminum, white-color rust preventive coating
IP Rating	IP65
Weight	2.5Kg
Dimension	100*100*331mm
Mounting Method	Wall/pole mounted
<b>Environmental</b>	
Installation environment	Indoor/Outdoor
Operating temperature	-20°C - 50°C (-4°F - 122°F)
Storage temperature	-40°C- 70°C (-40°F - 158°F)
Humidity	10%-95% RH Non-condensing
<b>Approvals</b>	
Approvals	EN IEC 62368-1:2020+A11:2020 EN 55032:2015/A11:2020/EN 55035:2017/A11:2020/ENIEC61000-3-2:2019/EN61000-3-3:2013/A1:2019 FCC Part 15B

## Frequency Response Curve

