SL30
Network Column Speaker

ZYCOO SL30 is a high-performance SIP-enabled column speaker for SIP paging, notification broadcasting, and streamed high-definition music playback. SL30 has high sensitivity and capacity, providing clear and rich saturation, whether SIP-based propaganda broadcasting or background music playing. SL30 also supports dry contact signal output and switch signal input for various sensors integration. 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

Airpoks

Onjce Buildings

Warehouses

Hotels

Features

▌ SL30 is a triune-speaker driver units design, two low-frequency woofer driver unit, and one high-frequency 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, SL30 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. SL30 is suitable for outdoor installation and operations, even in extreme outdoor environments.

▌ ZYCOO 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 ZYCOO IP Audio Center or other third-party SIP servers. SIP paging using wideband G.722 codec, which provides crystal clear HD voice.

▌ Music playback through ZYCOO 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, SL30 guarantees the full and consistent coverage and audio comfort and the flab.

▌ SL30 supports three lines SIP accounts, in which users may register the endpoint in more than one system for achieving different functionality purposes.

Specifications

Speaker

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
Acoustics	Aluminum film 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	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

Administration

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

Mechanical Properties

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*235mm
Mounting Method	Wall/pole mounted

Environmental

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

Approvals

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