



**SL50**

## Network Column Speaker

ZYCOO SL50 is a high-performance SIP-enabled column speaker used for SIP paging, notification/tone broadcasting, and streamed high-definition music playback. SL50 is equipped with 4 woofer drive units and 1 tweeter drive unit. It has high sensitivity and capacity, giving clear and rich saturation, whether SIP-based propaganda broadcasting or background music playing. SL50 can perfectly analyze various sound effects of human voice and music.

## Applicable Scenarios



Schools



Conference Halls



Shopping Centers



Stations



Government Organization



Cafes



Restaurants



Retail Stores



Airports



Office Buildings



Warehouses



Hotels

## Features

- SL50 is a Dual-speaker driver units design, low-frequency woofer driver unit, and high-frequency tweeter driver unit. It provides premium sound quality, enhances the audience experience.
- 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 o background music.
- Support 4G LTE network communication service.
- Build-in Class-D amplifier with local and server controlled volume output level, SL50 guarantees the full and consistent coverage and audio comfort and the flab.

## Specifications

### Speaker

Speaker Component	Four 3.25" woofer units + one 25ø tweeter unit
Sensitivity	85dB/1m/1W
Max sound pressure level	105dB
Amplifier	Build-in Class D Amplifier
Coverage pattern	135° 50m, maximum effective distance 70m
Rate power	8Ω 50W
Frequency range	100Hz – 20KHz
Material	Aluminum film
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	10/100Mbps
4G LTE modules	Optional
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	DC36V
Casing	Aluminum, white-color rust preventive coating
IP Rating	Ip65
Weight	4.5Kg
Dimension	101.6*100*470mm
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 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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