ZYCOO

SC15

Network Ceiling Speaker

ZYCOO SC15 is a compact high-performance SIP enabled ceiling speaker which can be used for SIP paging, notification/tone broadcasting and streamed high definition music playback. The high efficient, full-range drive units will provide you with a uniquely advanced listening experience.

Applicable Scenarios

Schools

Health Care

Shopping Centers

Train/Bus Stations

Government Offices

Indoor Carparks

Buildings

Retail Shops

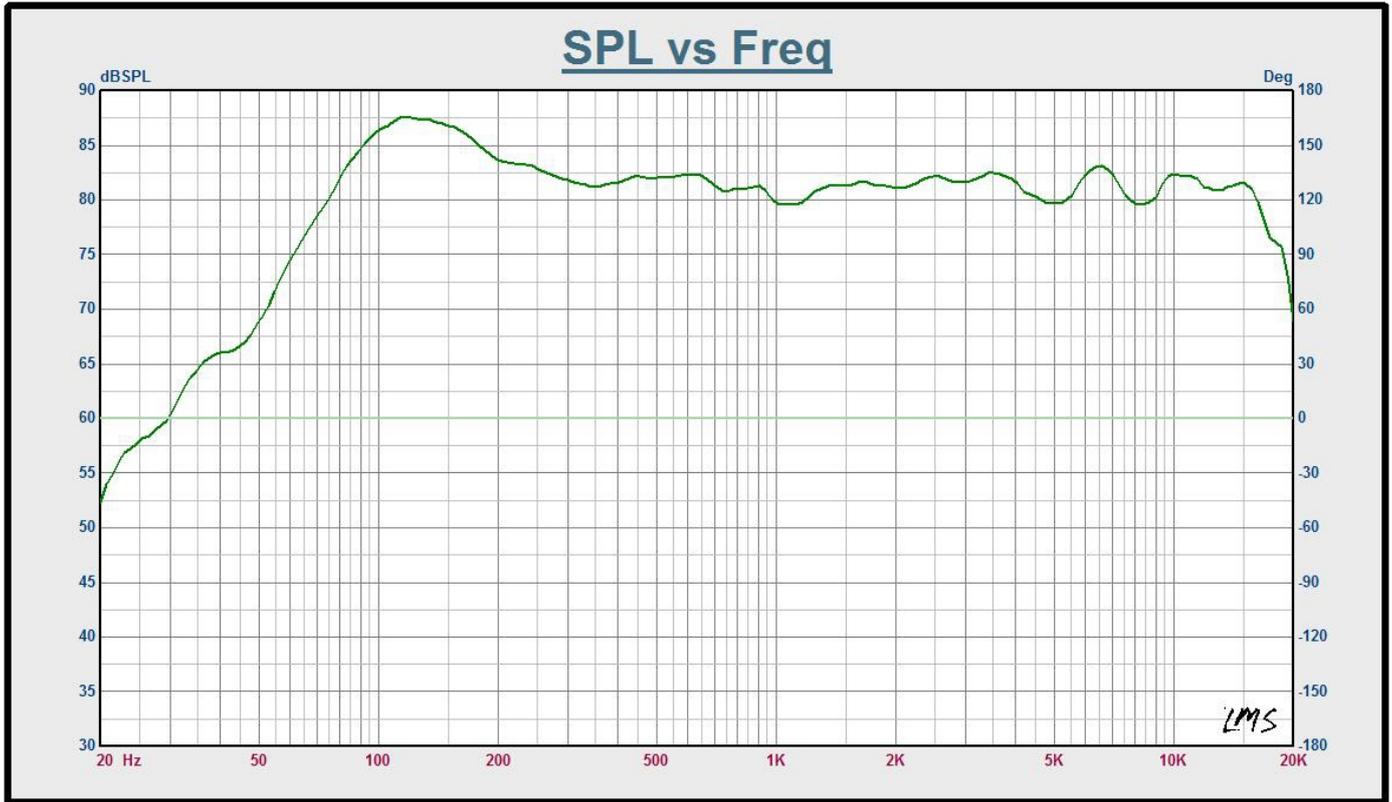Airports

Office Buildings

Warehouses

Hotels

Features

▌ Dual-speaker driver design – low frequency bass driver unit and high-frequency tweeter driver unit. Provides premium sound quality, enhances the audience experience.

▌ Support ZYCOO BM11 Mic w/ Push-to-Talk Button, easy connection with the BM11 to achieve the talk-back functionality.

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

▌ Music playback through ZYCOO 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.

▌ 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.

▌ Built-in amplifier with local or server controlled volume output level, SC15 guarantees full and consistent coverage and also the audio comfort and the flab.

▌ SC15 supports three lines SIP accounts, in which users may register the endpoint in more than one system for achieving different functionality purposes.

▌ SC15 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.

▌ An optional Dante®-supported variant is available, enabling seamless integration with existing Dante audio ecosystems.

Specifications

Speaker	
Speaker component	5.25" woofer unit + 1" tweeter unit
Sensitivity	85dB/1m/1W
Max sound pressure level	100dB
Amplifier	Built-in Class D Amplifier
Rated power	8Ω 15W
Frequency range	70Hz – 20KHz
Coverage pattern	90°H 90°V 30m²
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 or DC24V2A
Casing	Surface-treated steel
Grille	Surface-treated metal mesh plate
Color	White
Weight	3.45KG (7.6lb)
Dimension	Ø240 x 210 mm (Ø9.45 x 8.27 in)
Mounting method	high strength anti-corrosion clamps
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	Indoor
Operating temperature	-20℃ - 50℃ (-4℉ - 122℉)
Storage temperature	-40℃ - 70℃ (-40℉ - 158℉)
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

Frequency Response Curve

SPL vs Freq

Map
— 27: SC15

Notes

Data Measured: Mar 25, 2020 Wed 5:00 pm

| LMS 4.6.0.371 十一月/27/2015 | Person: Company: | Project: File: C520N 5寸天花铁帽.lib | Jan 25, 2021 Mon 10:01 am | LINEARX SYSTEMS |

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