# 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

Residential 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.
- 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.
- 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.

## 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, G.729 |
| 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: | φ240 x 210 mm (7.2 x 6.3 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 |

**ZYCOO**
We Focus · We Deliver