



## Basic

# SQ10 Series Network Square Speaker

ZYCOO Network Square Speaker SQ10 Basic is a comprehensive, high-performance SIP-enabled speaker. With the built-in microphone, the operators can delivery two-way communication at any time, anywhere. It is perfect to use in scenarios like classrooms, libraries, offices. Plus, it provides both surface-mounted and flush-mounted enclosures to choose from regarding different application scenarios.

## Applicable Scenarios



Schools



Health Care



Office Buildings



Hotel Lobbies



Airports



Pharmacies



Banks



Residential Buildings



Restaurants



Hospitals

## Features



### Audio

320Kbps superior quality MP3 music files and streamed media music supported. Click to play music, immediate announcement, intercom, schedule music and paging are all supported.



### Microphone

Integrated microphone allows for half-duplex or full-duplex paging based on software platform used. When used with the push button, calls to a predetermined extension or trigger a task can be initiated from the room with the speaker.



### PoE+

SQ10 is PoE supported, making it easy to connect into local area networks from your PoE switch with a CAT 5/6 cable. No extra power cables are needed.



### SIP Integration

Standard SIP protocol implemented, you can register the SQ10 into any third-party SIP server such as IPPBX system or PA system.



### Peripheral Integration

With the support of peripheral integration, the SQ10 can connect with strobes, call buttons, volume controllers, external LED/LCD monitors, door magnetism, etc.



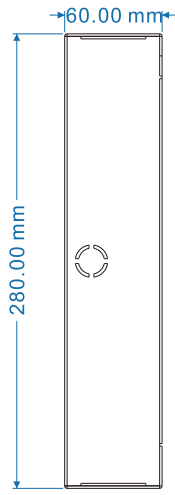
### Diverse Installation

Four additional knockout holes are implemented along each side of the enclosure, allow cables to plug into the speaker in any direction.

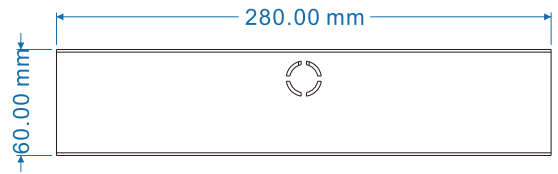
## Specifications

| <b>Speaker</b>               |  |
|------------------------------|--|
| Speaker Size                 | 4.5 inch   |
| Average Sensitivity          | 91dB/1m/1W   |
| Frequency Response           | 70Hz~20KHz   |
| THD                          | <0.1%  |
| Max SPL at 1m (Passive)      | 101dB  |
| Amplifier                    | Single Channel Class-D Topology  |
| Rated Power                  | 8Ω 10W   |
| Coverage Pattern             | 90°H 50°V 30m <sup>2</sup>   |
| <b>Audio</b>                 |  |
| Network Audio Types          | G.722, G.711 A-law, G.711 U-law, Opus  |
| <b>Network</b>               |  |
| Ethernet                     | IEEE 802.3 10/100Base-T  |
| PoE                          | IEEE 802.3 AT Compliant  |
| Supported Protocols          | SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP,                              |
| IP Addressing                | DHCP / Static  |
| <b>Mechanical Properties</b> |  |
| Memory                       | 128MB RAM, 256MB Flash   |
| AC Power Input               | PoE+ and External 24VDC  |
| Casing Material              | Cold rolled steel finished in textured white epoxy   |
| Mounting Method              | Wall mounted   |
| Color                        | White  |
| Weight                       | 3.15kg(6.95lb)   |
| Dimensions – Surface-mounted | 280*280*65mm   |
| Dimensions – Flush-mounted   | 300*300*65mm   |
| SYS Light Status             | On/Off/Flash   |
| PWR Light Status             | On/Off/Flash   |
| RST Key                      | Press and hold for 3 seconds to announce IP address;<br>Press and hold for 10 seconds to reset device to factory defaults. |
| <b>Environmental</b>         |  |
| Installation Environment     | Indoor   |
| 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         |
| <b>Warranty Coverage</b>     |  |
| Warranty Period              | 2 Year Limited   |

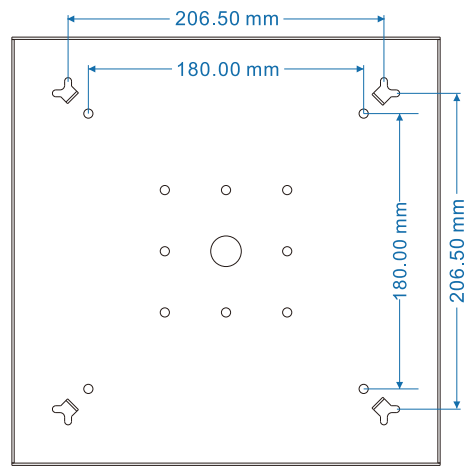
# Dimensioning



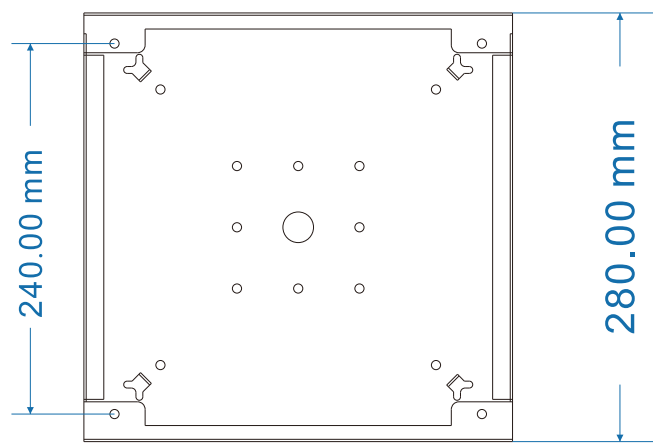
Side



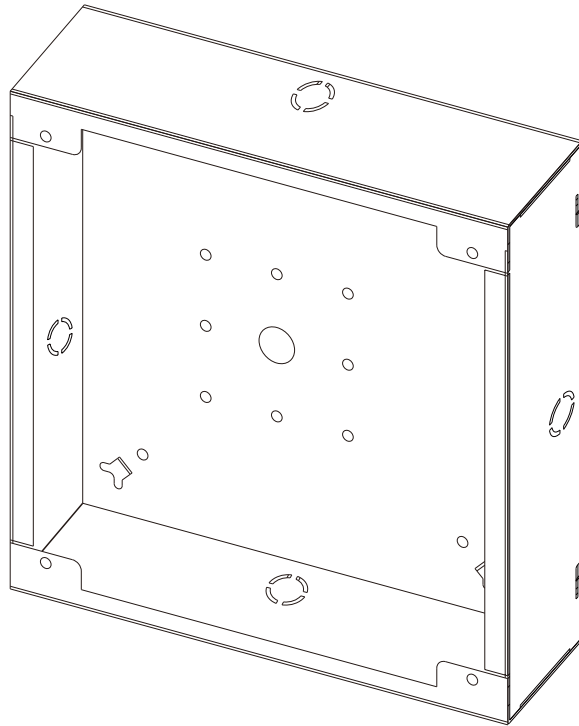
Top



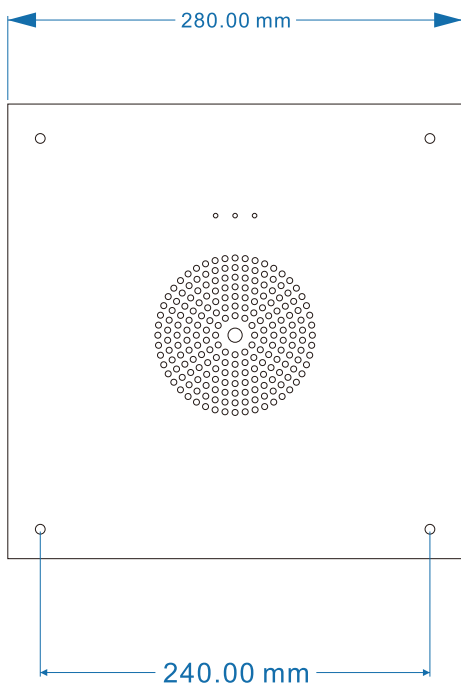
Rear-back



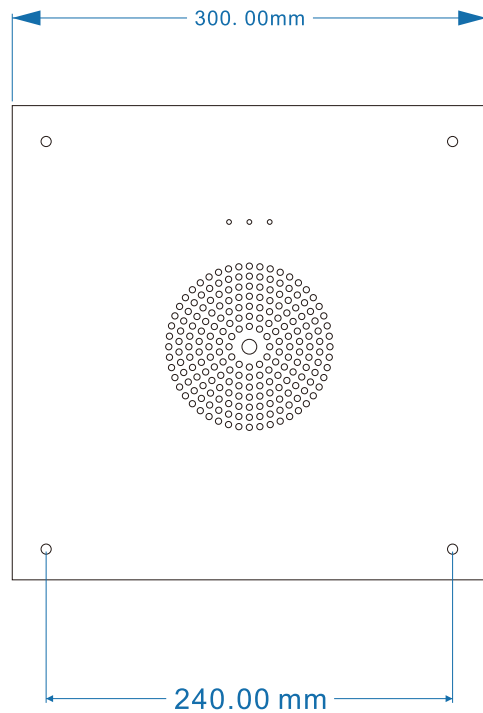
Rear-front



(Perspective)



(SQ10-B)



(SQ10-BF)



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16F, D5, Tianfu Software Park, Chengdu, China

+86 28 85337096

[zycoo@zycoo.com](mailto:zycoo@zycoo.com)