



Network Cabinet Speaker

Dasscom DS-15W/30W is a high-performance SIP enabled cabinet 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. And it's designed for the applications where voice coverage is of primary concern.

*Actual product may slightly differ

Applicable Scenarios



Features

- Dual-speaker driver design – low frequency bass driver unit and high-frequency tweeter driver unit. Provides premium sound quality, enhances the audience experience.
- Dasscom 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 Dasscom IP Audio Center or 3rd party SIP server, SIP paging using wideband G.722 codec which provides crystal clear HD voice.
- Music playback through Dasscom IP Audio Center using streamed media. HD MP3 audio files supported for superior quality of background music.
- Standard PoE (IEEE 802.3at) support, sample and easy installation with a single network cable. External power supply can be used if required.
- Built-in 30W amplifier with local or server controlled volume output level, SW15 guarantees full and consistent coverage and also the audio comfort and the flab.

Specifications

Speaker

| | |
|---------------------------|---------------------------------------|
| Speaker component: | 5.25" woofer unit + 1.5" tweeter unit |
| Sensitivity: | 85dB/1m/1W |
| Max sound pressure level: | 100dB |
| Amplifier: | Built-in 30W Class D Amplifier |
| Rated power: | 15W/30W |
| Frequency range: | 70Hz – 20KHz |
| Coverage pattern: | 90°H 50°V 30m ² |
| 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: | HTTP, HTTPS, IPV4, SSL, QoS Layer3 DiffServ, SFTP, FTP, DNS, SNTP, NTP, RTSP, RTMP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH, SIP |

| 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/DC24V2A |
| Casing: | UL94-V0 rated ABS material, thickened, flame resistant |
| Grille: | Surface-treated metal mesh plate |
| Color: | White, Black |
| Weight: | 3.29KG (7.25lb) |
| Dimension: | 240mm(H) × 180mm(W) × 150mm(D) |
| Mounting method: | Wall mounted |
| 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°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 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 |