



# SH30 Network Horn Speaker

ZYCOO SH30 is a SIP enabled horn speaker which provides exceptionally clear and intelligible voice for SIP paging, notification/tone broadcasting and streamed background music. It is suitable to be deployed in outdoor and other open spaces for public notifications and public safety purposes.

## Applicable Scenarios



Schools



Industrial  
Facilities



Plazas



Train/Bus Stations



Warehouses



Playgrounds



Manufacture  
Facilities



Stadiums



Sports  
Stadiums



Parks



Scenic Areas



Warehouses

## Features

- Built-in 30W amplifier, 400Hz to 8KHz frequency range and 117dB max sound pressure level, the audibility and intelligibility of voice paging are guaranteed even in noisy and large spaces.
- With IP65 protection rating and well thermal durability. SH30 is suitable for outdoor installation and operations, even in extreme outdoor environments.
- 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.

## Specifications

Speaker	
Speaker component:	2"midrange driver unit
Sensitivity:	105dB/1m/1W
Max sound pressure level:	117dB
Amplifier:	Built-in 30W Class D Amplifier
Rated power:	DC: 8Ω 30W or PoE: 8Ω 18W
Frequency range:	400Hz – 8KHz
Coverage Pattern:	50°H 50°V, effective distance 70m
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

<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:	PoE IEEE802.3at/DC24V2A
Casing:	Surface-treated 1060 aluminium
IP Rating:	IP65
Color:	Grey
Weight:	2.68KG (5.9lb)
Dimension:	Ø270 x 260 mm (8.1 x 7.8 in)
Mounting method:	Wall/pole mounted
Key:	Press and hold for 3 seconds to announce IP address; Press and hold for 10 seconds to reset device to factory defaults.
<b>Environmental</b>	
Installation environment:	Outdoor
Operating temperature:	-40°C - 70°C (-40°F - 158°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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