TOA

IP HORN SPEAKER 15W

IP-A1SC15

■DESCRIPTION

The IP-A1SC15 is an IP paging horn speaker to deliver clear announcements via network with 124 dB output capability powered by PoE+ power source. Its rugged enclosure is IP66 rated for outdoor environments. The IP-A1SC15 supports common network protocols for easy integrations with Video Management Systems and other SIP-compatible VoIP systems and devices. It can be detected as a generic ONVIF device by using ONVIF protocol. Group paging function is available with 10 Multicast ports for zone paging requirements. Internal sound source file storage allows storing pre-recorded messages or tones which can be played back by 2 control inputs or Remote API (HTTP).

■SPECIFICATIONS

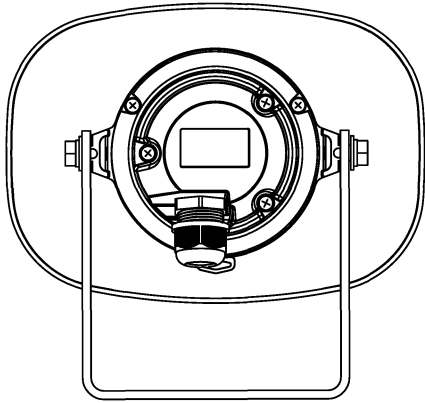|	
Power Source	PoE+ (IEEE802.3at Class 4), PoE (IEEE802.3af Class 3)
Power Consumption	22 W (at PoE+ powered, rated output) 13 W (at PoE powered, rated output) 5 W (IEC62368-1)
Amplifier Rated Output	15 W (at PoE+ powered), 8 W (at PoE powered)
Sensitivity	112 dB (1 W, 1 m) (500 Hz − 2.5 kHz, peak level)
Maximum Sound Pressure level	124 dB (at PoE+ powered, 15 W, 1 m) (500 Hz − 2.5 kHz, peak level) 121 dB (at PoE powered, 8 W, 1 m) (500 Hz − 2.5 kHz, peak level)
Frequency Response	280 Hz − 12.5 kHz
Audio Codec	PCMU (G.711u), PCMA (G.711a), G.722
Broadcasting Mode	SIP Broadcasting Mode: PCMU/PCMA/G.722 Multicast Broadcasting Mode: PCMU/PCMA/G.722, Max. 10 ports VMS Broadcasting Mode: Audio Backchannel, PCMU Internal Message Broadcasting Mode Note: Each broadcast mode can be assigned an order of priority using the 　　　Priority Setting function.
Internal Messages	Max. 20 messages (Max. recording capacity: 80 MB) Supported file formats 　WAV file: 8/16/44.1/48 kHz sampling frequency, 8/16 bit, monaural/stereo 　MP3 file: 32/44.1/48 kHz sampling frequency, 64 − 320 kbps, CBR/VBR, monaural/stereo Repeat count: 1 − 10 times, Interval time: 0 − 30 sec Trigger: Control Input or Remote API (HTTP)
Network I/F	100BASE-TX, MDI/MDI-X, RJ-45
Network Protocol	TCP/IP, UDP, HTTP, RTP, ARP, ICMP, RTSP, SIP (RFC3261)
Control Input	2 channels, no-voltage make contact inputs, open voltage: 5 V DC, short-circuit current: 2 mA or less, removable terminal block (3 pins)
Control Output	1 channel, open collector output, withstand voltage: 30 V DC, control current: 10 mA or less, removable terminal block (3 pins)
Indicator	LAN LINK/ACT (green), STATUS (orange)
Dust/Water Protection	IP66
Operating Temperature	−30 ℃ to +55 ℃ (−22 ℉ to +131 ℉)
Operating Humidity	90 %RH or less (no condensation)
Finish	Horn flare and body: Aluminum, off-white (RAL 9010 equivalent), paint Reflector horn: ABS resin, off-white(RAL 9010 equivalent) Rear cover: PC resin, off-white (RAL 9010 equivalent), paint Bracket, screws and bolts: Stainless steel
Dimensions	222 (W) × 211 (H) × 276 (D) mm (8.74" × 8.31" × 10.87")
Weight	1.4 kg (3.09 lb)
Accessory	Rear cover ···1, Removable terminal plug (3 pins) ···2
Option	Speaker mount bracket: SP-131, SP-201, SP-301 Pole band: YS-60B

Note: Take special care to avoid mounting this speaker directly to structures (such as ski lift towers) that generate large amounts of vibration. Also, do not use this speaker in environments where it may be exposed to oil or other chemicals, as mounting parts could rapidly deteriorate, possibly resulting in personal injury or other accidents due to the speaker falling.
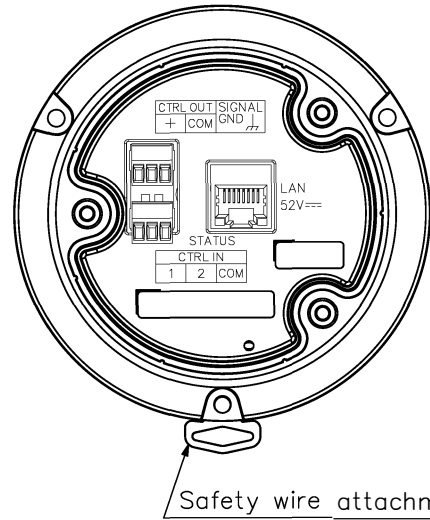
Personal Computer Requirements

OS	Windows 10 Pro (64-bit edition) Windows 10 Home (64-bit edition)
Required Web Browser	Google Chrome Microsoft Edge

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※ Google Chrome is the trademark of Google LLC in the United States and other countries.
※ Other company names and products are also trademarks of individual companies.
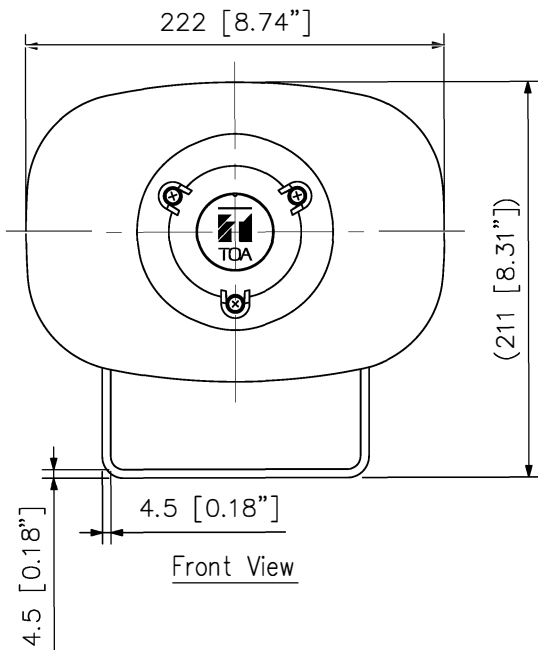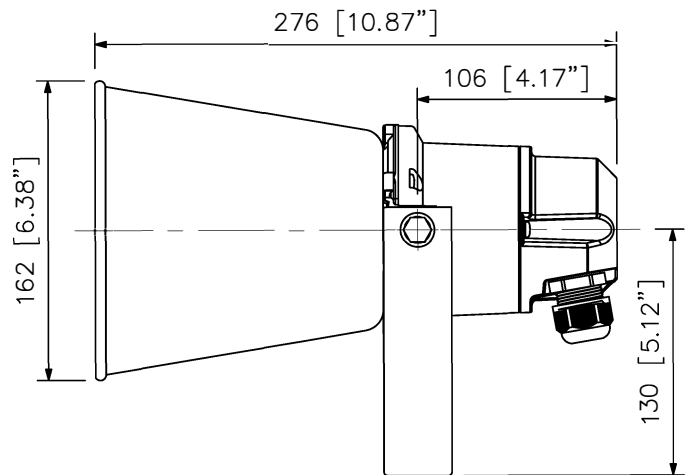
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■APPEARANCE

Rear View

CTRL OUT | SIGNAL
\+ | COM | GND
LAN 52V===
STATUS
CTRL IN
1 | 2 | COM

Safety wire attachment ring

Close-up with rear cover removed

222 [8.74"]

(211 [8.31"])

4.5 [0.18"]

4.5 [0.18"]

Front View

276 [10.87"]

106 [4.17"]

162 [6.38"]

130 [5.12"]

Side View

141 [5.55"]

3−⌀9 [0.35"]

36 [1.42"]

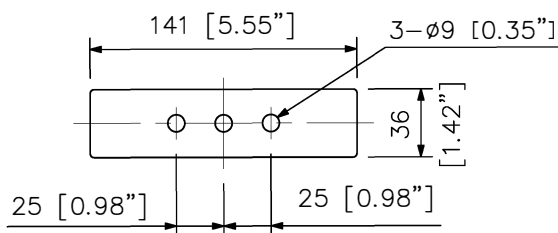25 [0.98"]   25 [0.98"]

Dimensions of mounting bracket

UNIT:mm   SCALE:1/4

Note: Numerical values in parentheses are for reference only.