



## Description

The professional integrated horn speaker has POE power supply and network transmission audio decoding and playback module functions. It is suitable for use in industrial factories, squares, pedestrian streets, parks, new rural digital sound reinforcement and other places where simplified wiring is required.

## Features

- \*Professional outdoor design concept , the equipment has good sealing performance .
- \*Compatible with POE ( IEEE802.3at ) standard power supply mode, only one network cable is needed to connect to the POE switch, the construction is simple and convenient. The connection distance is 80 meters ( CAT5e ) .
- \*Built-in digital amplifier, with fine sound quality and strong power; with network volume setting.
- \*Built-in network audio decoding, supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, and is compatible with 8 kHz - 48 kHz full sampling rate .
- \*Built-in DSP audio processing, supports ultra-low latency digital mixing and 10-band EQ equalization configuration.
- \*Supports remote firmware upgrades and equipment maintenance via the network to reduce staff workload.
- \*The system adopts data redundancy encoding and decoding algorithm and supports anti-packet loss recovery function. The network packet loss is 37.5%, and the audio playback is smooth.
- \*The end-to-end delay of the system playing collected audio is less than 5ms.



### Specification

<b>Network interface</b>	Standard RJ45 input × 1
<b>Transfer rate</b>	100M bps
<b>Audio format</b>	mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
<b>Sampling rate</b>	8k Hz - 48k Hz
<b>Frequency response</b>	300Hz ~ 14k Hz ( +1/-3dB )
<b>Harmonic distortion</b>	≤1%
<b>Output power</b>	25W (MAX)
<b>Maximum sound pressure level</b>	119dB
<b>Operating temperature</b>	-25°C ~ 60°C
<b>Working environment humidity</b>	20% ~ 80% relative humidity, no condensation
<b>IP protection rating</b>	Ip54
<b>Input power</b>	POE power supply
<b>Weight</b>	2.7 kg
<b>Size</b>	320.55×339×158 mm