

Explosion-proof IP Network Horn Speaker KNSIPLB-Ex15



Features

1. Explosion-proof speaker design and certified by ATEX standard.
2. Material/Colour: Anti-static Polyamide/Black
3. Waterproof rating IP66 dust proof IP66.
4. Service temperature range from -40 °C to +55°C.
5. For 360° lossless broadcast
6. IP Network Horn Speaker Explosion Proof and Waterproof
7. For use in public address and paging applications
8. Application: Products are widely used in petroleum, metallurgy, chemical industry, sea oil, nuclear power, shipbuilding, tunnels, and other projects requiring explosion-proof grade speaker.

ATEX Type and Marking



II 2GEx db eb IIC T6 Gb

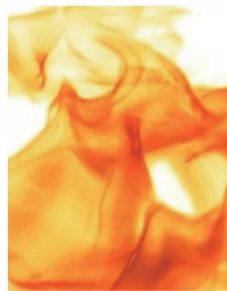
II 2D Ex tb IIIC T85°C Db

IP66 -40°C ≤ Ta ≤ +55°C

Type Description

The appearance of the speakers mold is the same, the difference built-in transformer or not

	Model	Resistance AC Impedance 4Ω	Power Handling	SOUND PRESSURE LEVEL lw/m at 1000 HZ (dB)	Power
1	KNSIPLB-Ex15	√	15W	105	POE powered



ZONE 1/2G

ZONE 2/3G

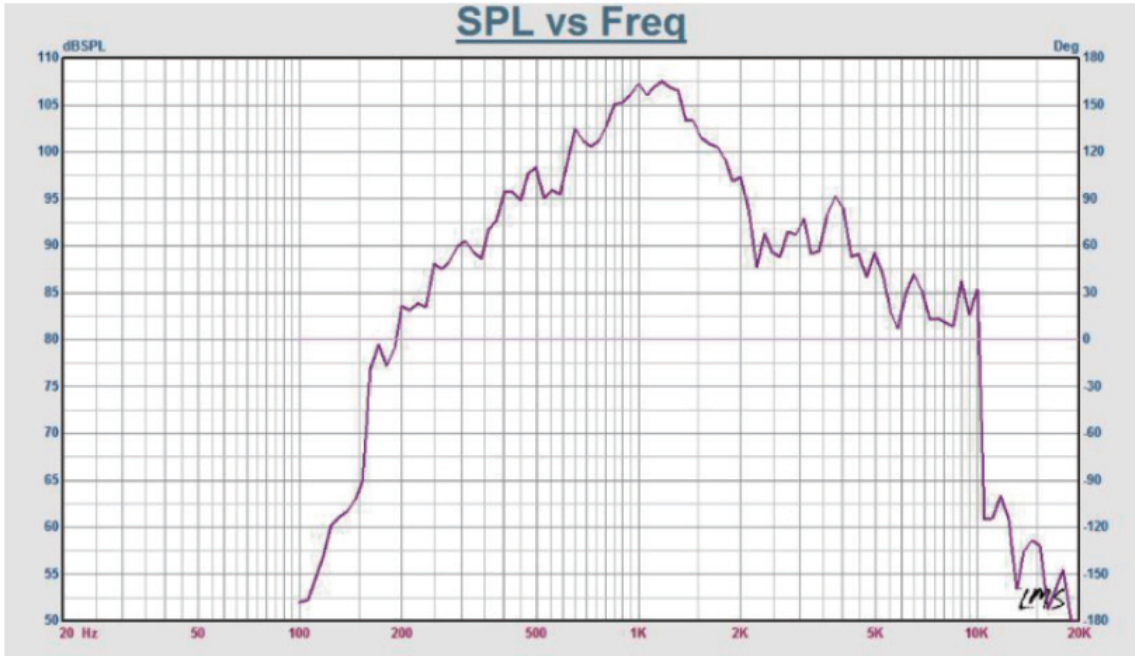
ZONE 21/2D

ZONE 22/3D

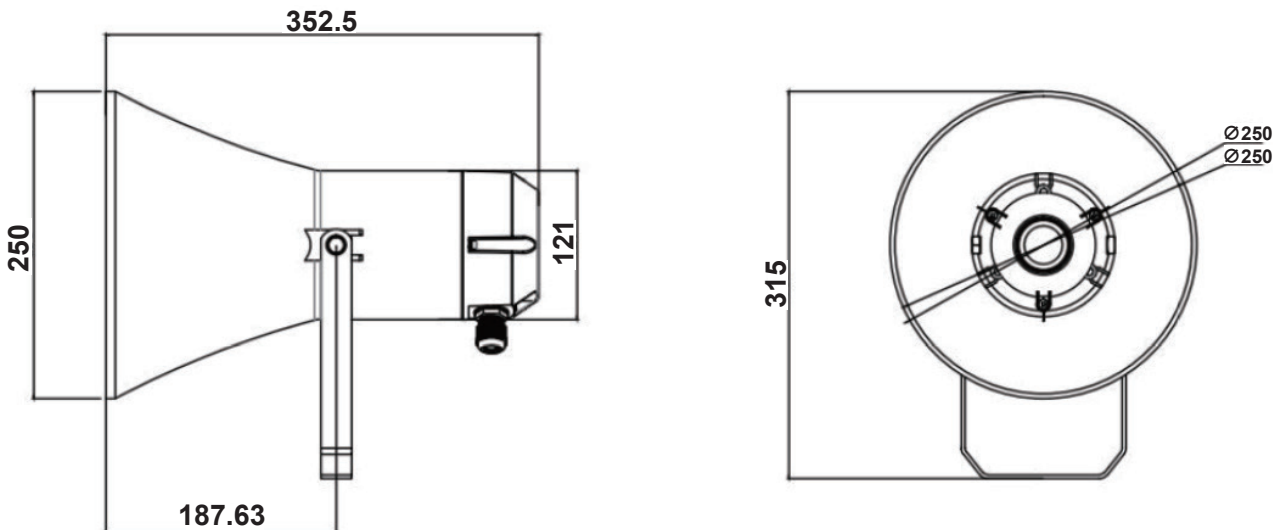


1	Model	KNSIPLB-Ex15
2	Audio streaming	One-way
3	Audio compression Audio input/output	G.711 PCM 8KHZ, G.726 ADPCM 8KHZ Built-in microphone (Can be disabled mechanically)
4	Max sound pressure level	105dB / 15W / 1m
5	Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)
6	Amplifier description	Built-in 15W Class D Amplifier
7	Supported protocols	IPv4, HTTP, SIP, NTP, TCP, UDP, DHCP
8	Power	POE powered
9	Connectors	RJ45 10BASE-T/100BASE-TX
10	Dimension	250(0)*352(L)mm
11	Material	Anti-static Polyamide/ Black
12	Rated frequency range	300Hz ~ 8000Hz
13	Total Harmonic Distortion	5% Max at 1KHz 1W
14	Speaker weight	3.7 kg
15	Work environment	Temp -40°C~55°C, Humidity 45% - 85%

Frequency Response/1W/1m



Products Size



Packing

Unit size: 250 (Ø) * 352 (L) mm

Unit G W: 3.7 kg

1 pcs in a inside box. Box size: 270 x 270 x 390 mm G.W: 3.7 kg

2 pcs in a CTN box. CTN box size: 570 x 290 x 420 mm G.W: 7.8 kg

KNSIPLB-Ex15 Network Speaker is a simple-to-install explosion-proof loudspeaker that provides clear, long-range speech for remote speaking in video surveillance applications.

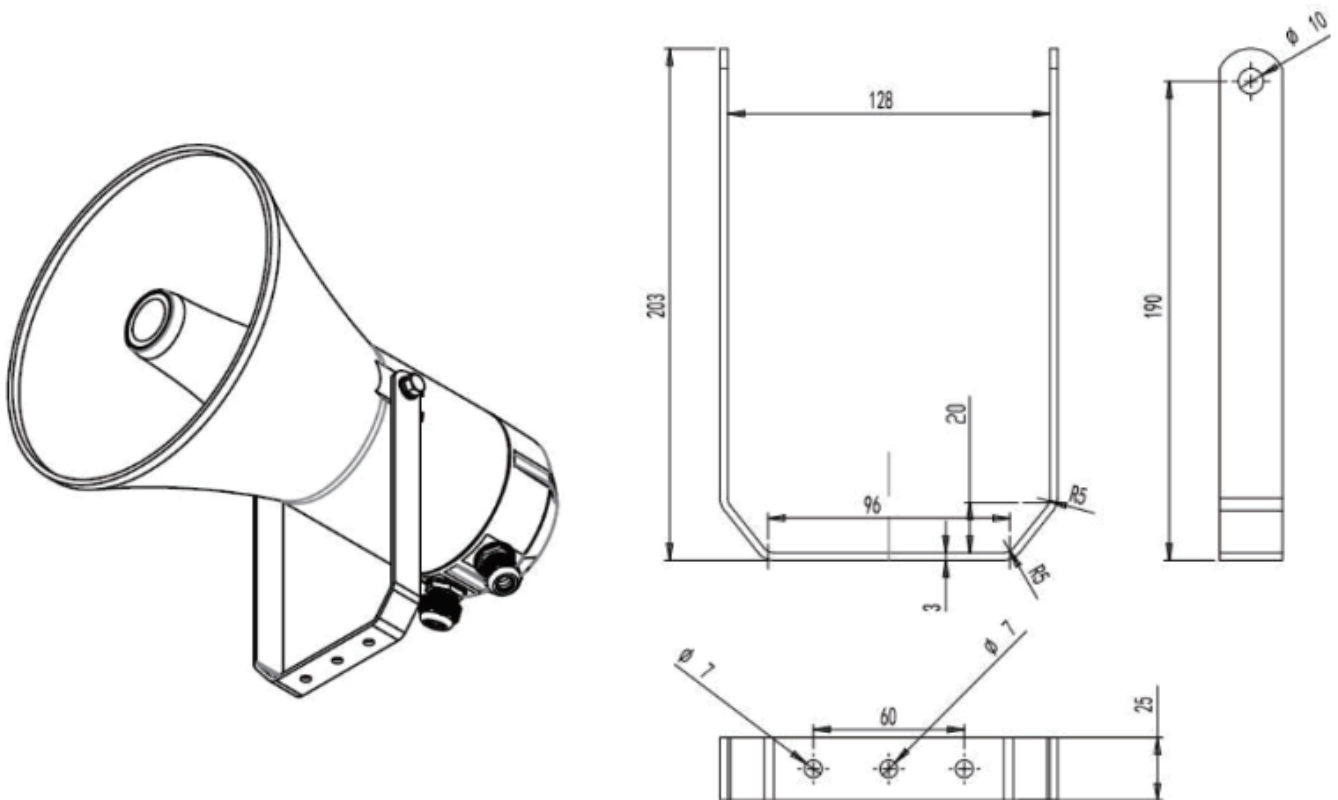
In live video monitoring situations, KNSIPLB-Ex15 enables an operator to remotely address people and deter unwanted activity. The loudspeaker can also play a pre-recorded audio file when it is manually or automatically triggered in response to an alarm event.

KNSIPLB-Ex15 makes announcements possible from anywhere with network connectivity. It easily integrates Voice over IP (VoIP) telephone systems that use SIP (Session Initiation Protocol).

The explosion-proof KNSIPLB-Ex15 is easy to install. The loudspeaker has a built-in amplifier and supports Power over Ethernet (PoE). It connects directly to an IP network with one network cable for communication and power. Despite its low power consumption, the KNSIPLB-Ex15 enables a high sound pressure exceeding 92 dB. Being a standalone unit, KNSIPLB-Ex15 can be placed anywhere, enabling a flexible, scalable, and cost-effective approach to system design.

The speaker comes with pre-recorded audio files and allows users to upload their own audio.

Installation dimension drawing



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