DSP204H

Explosion-Proof Horn Speaker

Description

The product features superior flameproof performance and sufficient mechanical strength. It has high sensitivity and electricity/sound efficiency. With high fire resistance, it generates no hazardous gas or environmental pollution. It provides ease of use and maintenance.

This product is suitable for broadcasting, paging and emergency broadcasting in chemical plants, gas stations and the like which have a risk of explosion due to methane mixture, petroleum and other dangerous gas. It is applicable to a site where Class II, T6 explosive atmosphere exists or steam or air is generated.

Features

- Explosion-Proof Type: Flameproof.
- Explosion-Proof marking: Ex db IIC T6 Gb.
- Degree of Protection: IP65.
- Line Voltage: 100V.
- Sensitivity: 105dB.
- Effective Frequency Range: 400Hz-10kHz.

Specifications

Model	DSP204H
Rated Power	30W
Line Voltage	100V
Sensitivity	105dB
Effective Frequency Range	400Hz-10kHz
Explosion-Proof Type	Flameproof
Explosion-Proof marking	Ex db IIC T6 Gb
Degree of Protection	IP65
Operating Temperature	-20℃~+40℃
Operating Humidity	≤95%RH (at +25℃)
Maximum Surface Temperature	≤85℃

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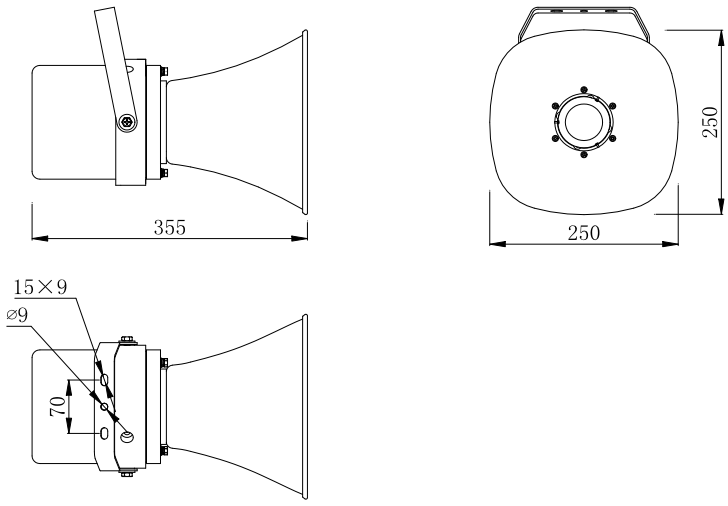
Dimensions (W×H×D)	250mm×250mm×355mm
Weight	7.0kg

Structure Diagram



Installation Instructions

1. Since the product has a weight of 7.0 kg, the product should be fixed to a solid position with two bolts with a diameter of 8 mm (see Fig. 2). Be sure that the bolts are tightened securely.
2. Tighten the cable entry device, and seal the loose cables at the horn cable entry by using HT-6308 epoxy resin with a length of greater than or equal to 20mm. Be sure that the sealing is tight and securely. The reserved cable length is not less than 1.2m. According to the user's wiring needs, the cable can be sealed by the user. The sealing operation guide is shown on page 5: Appendix 1 Guide for Sealing Process.
3. Loosen the securing nuts on both sides of the support so that the orientation of speaker is adjustable. Tighten the speaker on the bolts previously mounted, adjust the orientation of speaker, and retighten the securing nuts on the support.
4. Connect the black and yellow audio input cables of the speaker to the audio transmission cable inside the corrosion-resistant pipe, and securely ground the inner and outer yellow-green ground wires.
5. Connect the corrosion-resistant pipes with sealing pad between joints to ensure that the pipe connection from the horn cable entry to the audio source output terminal is airtight.

Fig.2 Installation