zenitel

DATASHEET

3006100056

HP-15TF

Horn Loudspeaker, 15W, 100V, IP66/67



- Suitable for outdoor and indoor installation
- IP66/67
- 70V / 100V
- Tappings: 2W - 4W - 7.5W - 15W

IP66 IP67

Description

The HP-15TF is a compact 15 W horn speaker delivering a powerful 108 dB SPL at 1W/1m. Built from durable ASA and rated IP66/67, it ensures reliable performance in harsh indoor and outdoor environments. With a frequency range of 330–8000 Hz, wide dispersion, and a robust mounting bracket, the HP-15TF is ideal for public address, safety, and industrial communication systems.

Installation, Operation and Maintenance Procedures

- Remove the lid and lead cable through the cable gland.
- Connect to terminal 70V: white-green or 100V: white-red.

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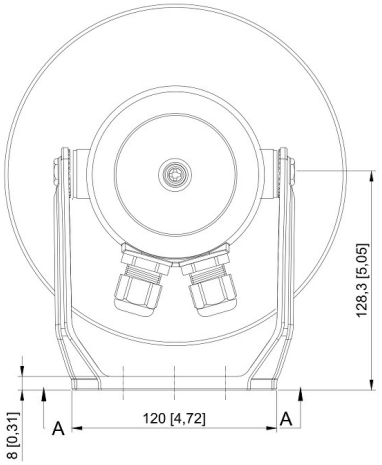
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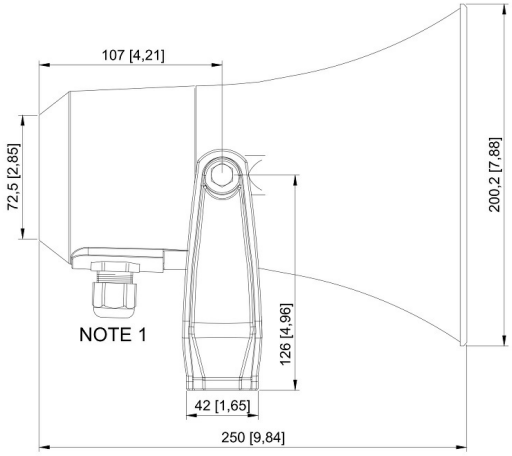
- Select the required power by changing the position of the black wire connected to the transformer; choose according to the label inside the loudspeaker.
- Fasten bracket with 1-3 screws.
- Fasten the lid with a torque of 1.5 Nm.
- To change the loudspeaker's position, please adjust the bracket (by loosening/tightening the screws) as required.
- For optimum performance, always use the correct voltage/power and operate within the frequency limits as stated.

Technical Dimensions

LEFT VIEW



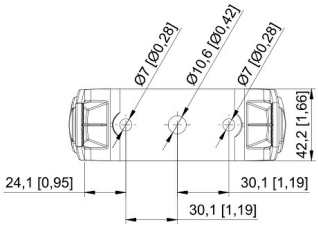
FRONT VIEW



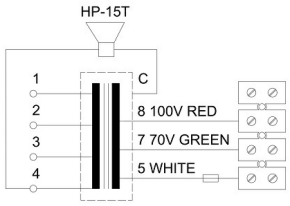
NOTES:

1. M20 cable gland. Cable diameter 7-14mm
2. All outside nuts, bolts and washers in stainless steel

DETAIL VIEW A-A



CIRCUIT DIAGRAM



Secondary nominal tappings

C:1	15,0W
C:2	7,5W
C:3	4W
C:4	2,0W

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Specifications

GENERAL

Rated power	15 W
SPL 1W / 1 m	108 dB
SPL rated power	118 dB
Effective freq. range	330 - 8000 Hz
Dispersion (-6dB) 1kHz / 4kHz	130° / 33°
Enclosure material / Colour	ASA / RAL 7035
Mounting material	Plastic bracket
Dimensions	Ø 200 x 250D
Termination	Spring clamps
Connection	2x M20 cable gland
M20 cable gland sealing range	7 - 14 mm
Weight	1.4 kg
IP-rating	66 / 67
Max. / min. amb. temp	90°C / -50°C
Thermal protection	Integrated thermal fuse
Environmental Condition	Exposed

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