zenitel

DATASHEET



3006100063

HP-30TF

Horn Loudspeaker, 30W, 100V, IP67

- Suitable for outdoor and indoor installation
- IP67
- 70V / 100V
- Tappings: 2W - 3.5W - 7.5W - 15W - 20W - 30W

IP67

Description

The HP-30TF is a compact 30 W horn speaker delivering a powerful 110 dB SPL at 1W/1m. Built from durable polyamide and rated IP67, it ensures reliable performance in harsh indoor and outdoor environments. With a frequency range of 310–8000 Hz, wide dispersion, and a robust mounting bracket, the HP-30TF 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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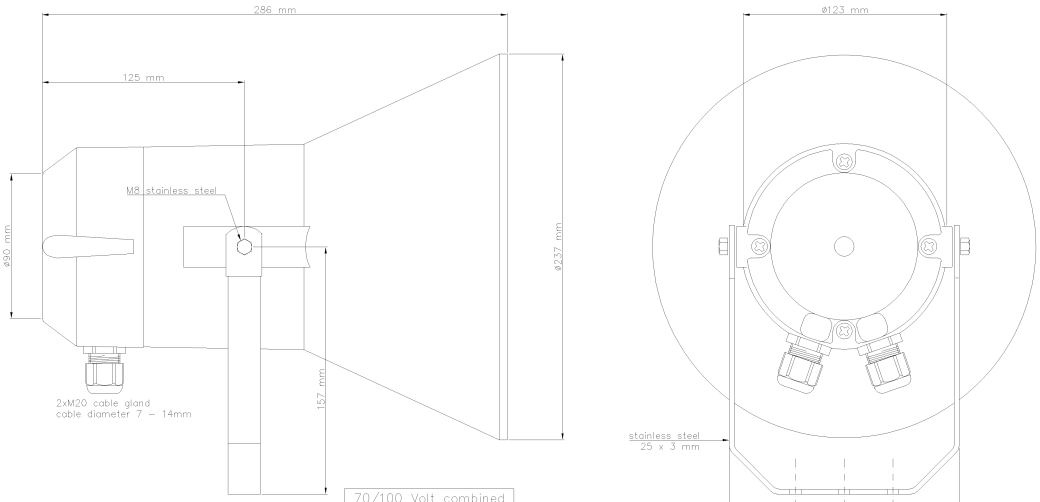
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- Select the required power by changing the position of the black wire connected to the transformer; choose according to the label inside the loudspeaker.
- Fasten bracket with 1-3 screws.
- Fasten the lid with a torque of 2 Nm.
- To change the loudspeaker's 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



70/100 Volt combined transformer	
Primary connections	
White : Green	70 V
White : Red	100 V
Secondary nominal tappings	
1 : 5	30 W
1 : 4	20 W
1 : 3	15 W
1 : 2	7,5 W
2 : 4	3,5 W
2 : 3	2 W

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Specifications

GENERAL

Rated	30 W
SPL 1W / 1m	110 dB
SPL rated power	124 dB
Effective freq.range	310 – 8000 Hz
Dispersion (-6dB) 1kHz / 4kHz	110° / 32°
Enclosure material / Color	Polyamide / RAL 7035
Mounting material	Stainless steel bracket
Dimensions (mm)	237Ø x 286D
Termination	Spring clamps
Connection	2x M20 cable gland
M20 cable gland sealing range	7 - 14 mm
Weight	2.2 kg
IP-rating	67
Max. / min. amb. temp	110 °C / -50 °C
Thermal protection	Integrated thermal fuse
Environmental Condition	Exposed

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