

PS-30TN

Ref: LDAPS30TNS01

LDA PS-30TN is a high performance voice alarm horn loudspeaker certified according EN54-24 standard. Its broad frequency range, low distortion, and high sound pressure level ensure the delivery of intelligible voice and high quality sound. It is made of ABS. For an increased fire protection, the loudspeaker is equipped with built in ceramic blocks and thermal fuse. The power taps are 15 W / 10 W / 5 W @100V or low impedance 8 Ohms.

With its wide operating range of temperature and humidity, it is suitable for use in extreme outdoor applications. The stylish low profile and light grey colour design allows it to blend easily with the interior of most applications such as train stations, harbours, factories, campuses and stadiums.



Features of PS-30TN:

- EN54-24 certified: 0359-CPR-00456
- Intelligible voice and superior sound reproduction
- Ergonomic, low profile and stylish design, blends easily into any outdoor application
- High-strength UV resistive UL94V0 ABS housing
- Easily mounted on the wall or column with the U-type bracket provided
- High sensitivity: 105dB (1W, 1m)

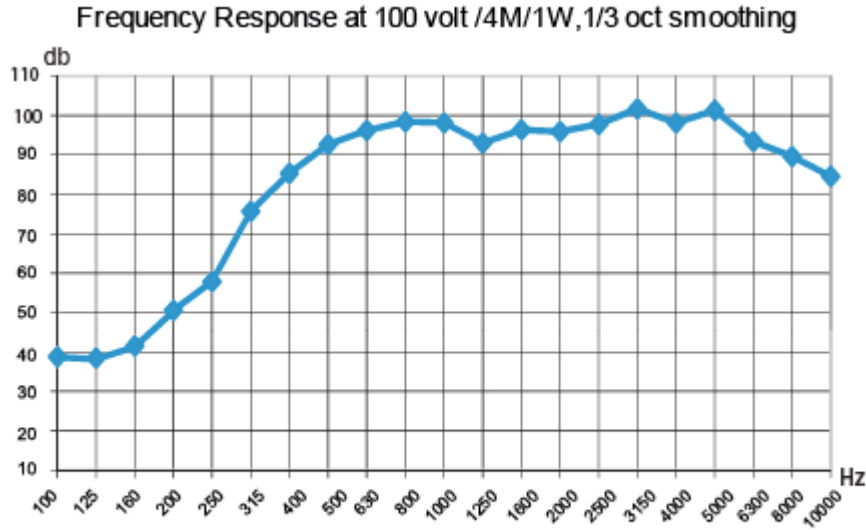
Technical Specifications:

Model	PS-30TN
Reference	LDAPS30TNS01
Max power	25 W
Rated power	15W
Transformer @ 70V/100V	15 W / 10 W / 5 W / 8Ω@100V 7.5 W / 5 W / 2.5 W / 8Ω@70V
Frequency response	350 Hz -12 kHz
Sensitivity (SPL, 100Hz~10kHz)	105 dB (1 W, 1 m)
Colour	Grey (RAL 7035)
IP protection grade	IP66 (B type according to EN54-24)
Connection	Fire resistant cable
Bracket	U-bracket
Material	ABS with UV protection
Operating temperature	-25°C to +55°C (Storage temperature: -40°C to +70°C)
Relative humidity	Up to 95%
Dimensions (width x height x depth)	Φ213mm x 265 mm
Weight	2,05 kg

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Frequency diagram:



Active equalizer applied Yes:

EQ Setting:

+2.5dB @630Hz, +2.5dB @800Hz, -2.5dB @1250Hz, -2.5dB @2500Hz, +8dB @8kHz

Dispersion angles:

		Horizontal	Vertical
1/3 oct. pink noise	500Hz	360 °	360 °
1/3 oct. pink noise	1k Hz	124 °	143 °
1/3 oct. pink noise	2k Hz	58 °	67 °
1/3 oct. pink noise	4k Hz	34 °	37 °