

LDA PS-30TN is a high-performance voice alarm horn loudspeaker certified according to EN54-24 standards. Its high quality and high sound pressure level (SPL) ensure the delivery of intelligible voice. Made of ABS fireproof level UL94-5VB. This loudspeaker is equipped with ceramic blocks and a thermal fuse.

It is perfect for use in outdoor applications and spaces where the climatic conditions are adverse. The stylish design and its light grey color aspect allow it to blend easily with the interior of most applications such as train stations, harbors, factories, campuses, and stadiums.



Features:

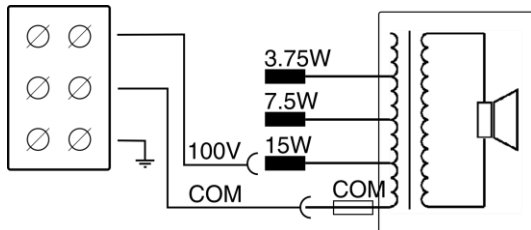
- EN54-24 certificate
- Intelligible voice and superior sound reproduction
- Stylish and modest design that blends easily into any space
- Made of high-resistant ABS with UL94-5VB fire protection
- Easy mounted on any surface with the U-type regulable bracket provided
- High sensitivity

Technical specifications:

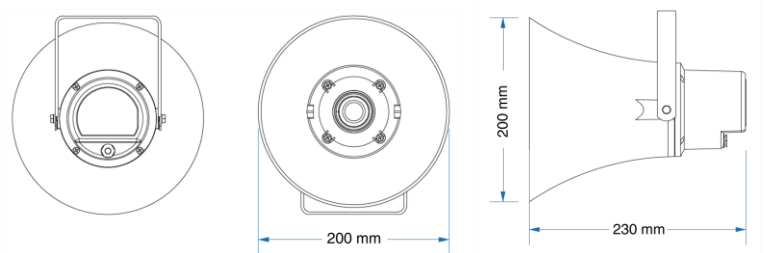
Model	PS-30TN			
Speaker	Compression motor			
Maximum Power	45W			
Nominal Power	30Wrms			
Connection @ 100V	30W / 15W / 7,5W			
Connection @ 70V	15W / 7,5W / 3,75W			
SPL (Pmax / 1m)	119B +/- 1dB			
SPL (1W / 1m)	101dB +/- 1dB			
SPL (1W / 4m)	89dB +/- 1dB			
Frequency Response (- 10 dB)	400Hz – 10kHz			
Dispersion (-6 dB)	500Hz	1000Hz	2000Hz	4000Hz
	360°	100°	50°	30°
Nominal voltage	100V / 70V			
Nominal impedance	333Ω / 666Ω / 1,3kΩ			
Connection	Ceramic terminal. Max Section 2.5mm ²			
Thermal fusion	115°			
Dimensions	Ø 245mm x 290mm			
Colour	Grey (RAL 7035)			
IP protection	IP66 (type B according to EN54-24)			
Net weight	2.1kg			

- The reference axis is perpendicular to the center point of the grid
- The reference plane is perpendicular to the center of the reference axis
- The horizontal plane is perpendicular to the center of the reference plane
- Acoustic measurement environment used: Standard acoustic screen in anechoic cham

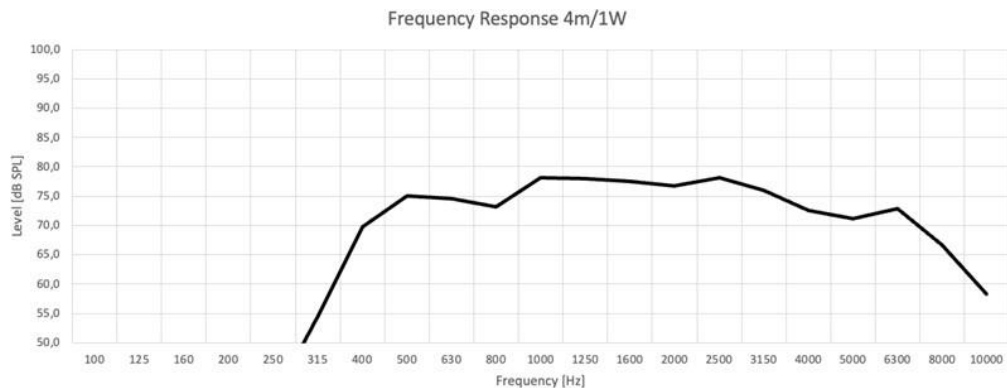
Circuit diagram:



Main mechanical views:



Frequency response:



Installation:

1. Attach the unit to the surface where it is designed to be installed and select the desired operating tap power.
2. If necessary, remove one or both of the plugs that give access to the inside of the unit to enter the 100V cables.
3. If the connection is through the upper holes provided, protect the cable using a PG-13.5 hose and cable gland or conduit pipe (not supplied).
4. Close the unit using the two side screws.

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