PCM-220TN

Ref: LDAPCM220TNS02

The PCM-220TN loudspeaker is a high-performance 20W two-way vandal-proof projector that is certified under the EN 54-24 voice alarm standard.

It offers high sound quality and intelligible voice evacuation messages thanks to its high sound pressure, low distortion, and wide frequency response. Its high IP rating ensures reliable operation over a wide range of temperatures and humidity levels, making it ideal for both indoor and outdoor applications.

Features:

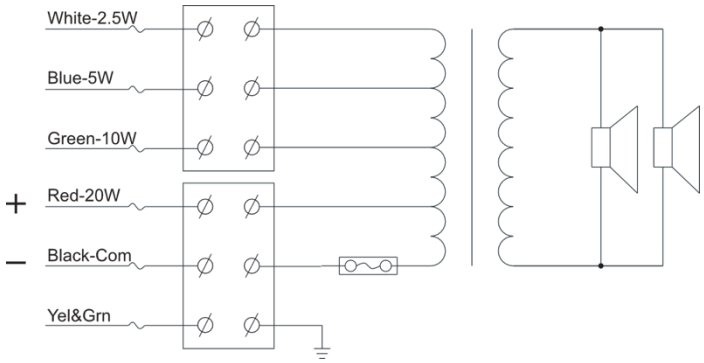
- Two-way surface-mounted loudspeaker for voice evacuation
- Metal enclosure
- Fire protected. EN 54-24 certified
- Excellent for music and voice reproduction
- Easy installation

Technical Specifications:

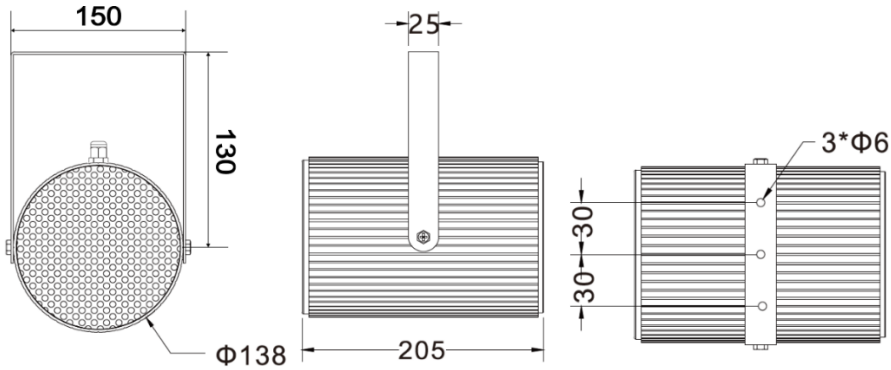
Model	PCM-220TN			
Reference	**LDAPCM220TNS02**			
Speaker diameter	2 x 5"			
Max Power	30 W (15 W x 2)			
Rated Power	20 W rms (10 W rms x 2)			
Connection @ 100 V	20 W / 10 W / 5 / 2.5 W			
Connection @ 70 V	10 W / 5 / 2.5 / 1.25 W			
SPL (Pmax / 1m)	96 dB +/- 1dB			
SPL (1W / 1m)	86 dB +/- 1dB			
SPL (1W / 4m)	74 dB +/- 1dB			
Frequency Response (- 10 dB)	130 Hz-20 KHz			
Dispersion (-6 dB)	500Hz	1000 Hz	2000 Hz	4000Hz
	130º H / 120º V	150º H / 140º V	140º	70º H / 60º V
Rated voltage	100 V / 70 V			
Rated impedance	500 Ω / 1 KΩ / 2 KΩ / 4 KΩ			
Connection	Multipair hose and ceramic terminal (not accessible).			
Thermal fuse	150°C			
Dimensions	Φ 138 x 205 mm			
Color	White (RAL 9003)			
IP protection grade	IP65 (Type B EN54-24)			
Net weight	2.84 Kg			
Gross weight	3.52 Kg / 22.54 Kg (6 units)			
Packaging dimensions	256 x 206 x 260 mm / 655 x 540 x 295 mm (6 units)			

- 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: Standardized acoustic screen in anechoic chamber.

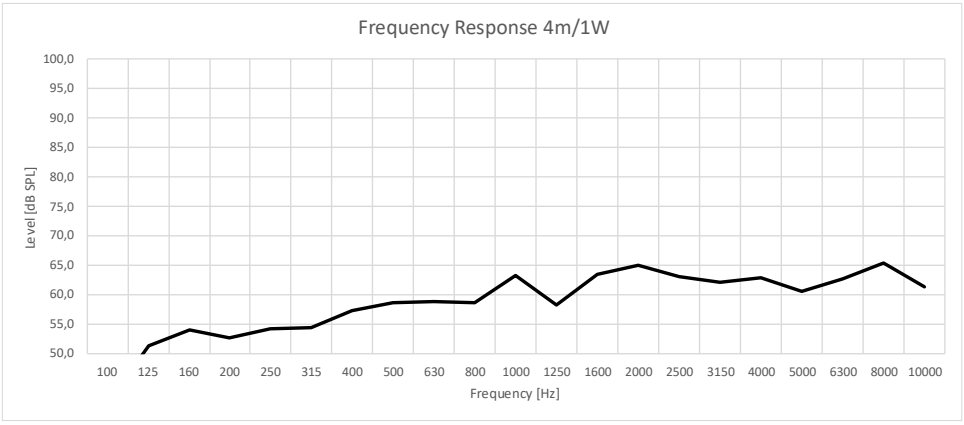
Circuit Diagram:



Main mechanical views:



Frequency Response:



Installation:

1. Using the U-type bracket as a template, mark on the wall the drill hole location.
2. Once made the drill hole, screw the loudspeaker at the surface and regulate its inclination.
3. Make the connection and select the desired power.