

5" METAL ACOUSTIC PROJECTOR

PCM-20TN

Ref: 590.003.007

EN 54 -24

The Johnson Controls EN 54-24 acoustic projector with metal housing and 5" for 70 / 100V lines of high quality for speech and background music. Includes anti-vandal and weather protection features.

Thanks to its 3mm thick aluminum casing and its steel grille, it is fire rated and it is optimal for installation in areas where the durability of the elements is a factor to be considered. It incorporates a ceramic terminal and insulation fuse so that possible damage to the unit does not cause a general failure of the speaker circuit to which it is connected.

The PCM-20TN project speaker includes a steel U-bracket, with adjustable inclination for an easy installation, having the same color as the unit.



Features:

- Surface Speaker for Voice Evacuation
- Metal cabinet, Protected against fire.
- Excellent for music and voice playback
- Easy installation

Technical specifications:

| Model | PCM-20TN | | | |
|-------------------------------|--|-------------|------------|-----------|
| Speaker diameter | 5" | | | |
| Maximum Power | 30 W | | | |
| Nominal Power | 20 W rms | | | |
| Connection @ 100 V | 20 W / 10 W / 5 / 2.5W | | | |
| Connection @ 70 V | 10 W / 5 W / 2.5 W / 1.25 W | | | |
| SPL (Pmax / 1m) | 114 dB | | | |
| SPL (1W / 1m) | 101 dB +/- 3 dB | | | |
| SPL (1W / 4m) | 89 dB | | | |
| Frequency Response (- 10 dB) | 130 Hz - 20 KHz | | | |
| Dispersion angle (-6 dB) | 500Hz | 1000Hz | 2000Hz | 4000Hz |
| | 360° | 120°H 180°V | 80°H 100°V | 40°H 60°V |
| Nominal voltage | 100 V / 70 V | | | |
| Nominal impedance | 500 Ω / 1 KΩ / 2 KΩ / 4KΩ | | | |
| Connection | Ceramic Terminal. Max Section 2.5mm ² | | | |
| Thermal fusion | 150° | | | |
| Dimensions | Φ 138 x 205 mm | | | |
| Colour | White (RAL 9003) | | | |
| IP protection | IP65 | | | |
| Net weight | 2.2 Kg | | | |
| Gross weight | 2.58 Kg | | | |
| Packaging Dimensions | 175 175 x 28 mm | | | |

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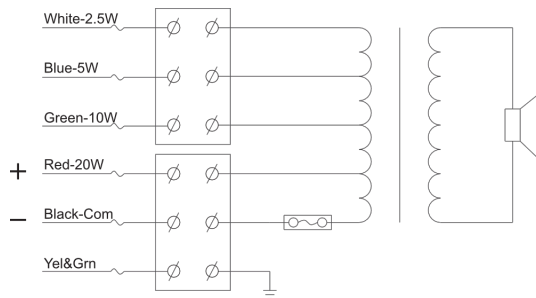
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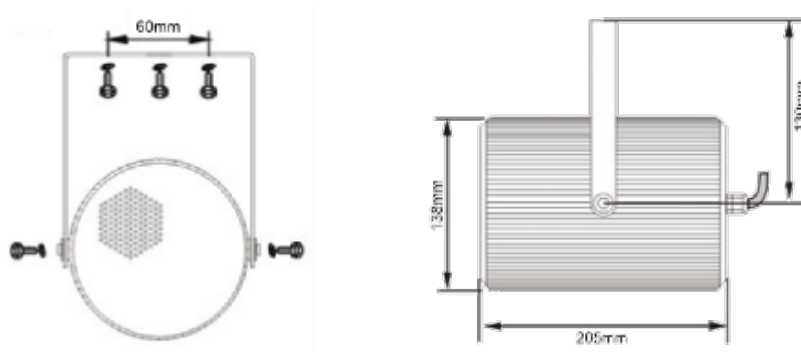
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- The reference axis is perpendicular to the center point of the grid
- The reference plane is perpendicular to the center of the reference axis
- The horizontal plane is perpendicular to the center of the reference plane
- Acoustic measurement environment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

Connection scheme:



Main mechanical views:



Frequency Response:

