

PUBLIC ADDRESS / SPEAKERS / SOUND PROJECTORS

## PF-57TD-EN

BIDIRECTIONAL SOUND PROJECTOR IN COMPLIANCE WITH EN 54



EN 54



- ✓ In compliance with EN 54-24 standard
- ✓ Great coverage
- ✓ Strong and durable anti-vandal construction
- ✓ Simple installation



+ Info:

<https://fonestar.com/PF-57TD-EN>

## ESPECIALLY RECOMMENDED IN:



Factories



Education



Transport Stations



All sectors

## DESCRIPTION

Sound projector 2 x 5". 10/6/3/1.5 W RMS@100 V. EN 54 certified.

## TECHNICAL CHARACTERISTICS

|                        |                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FEATURES               | For use in voice alarm and fire alarm installations.<br>Bidirectional sound with wide coverage.                                                                               |
| STANDARD               | EN 54-24 certified                                                                                                                                                            |
| POWER                  | 10 W RMS                                                                                                                                                                      |
| LOUDSPEAKER            | 2 x 5" full-range 8 Ohm                                                                                                                                                       |
| RESPONSE               | Frequency range: 237 - 12,400 Hz ( $\pm 3$ dB)<br>Frequency response: 79 - 17,500 Hz ( $-10$ dB)                                                                              |
| IMPEDANCE              | 10 W RMS@100 V (1.000 Ohm)<br>6 W RMS@100 V (1.667 Ohm)<br>3 W RMS@100 V (3.333 Ohm)<br>1.5 W RMS@100 V (6.667 Ohm)                                                           |
| SENSITIVITY            | 89 dB (1 W/1 m, EN 54-24)<br>77 dB (1 W/4 m, EN 54-24)<br><br>95.3 dB (1 W/1 m, IEC 60268-5)<br>83.3 dB (1 W/4 m, IEC 60268-5)                                                |
| MAXIMUM SOUND PRESSURE | 98 dB (Max. W/1 m, EN 54-24)<br>86 dB (Max. W/4 m, EN 54-24)<br><br>105.3 dB (Max. W/1 m, IEC 60268-5)<br>93.3 dB (Max. W/4 m, IEC 60268-5)                                   |
| DISPERSION             | H/V: 2 x 130°@500Hz, 2 x 150°@1kHz, 2 x 145°@2kHz, 2 x 75°@4kHz ( $-6$ dB)                                                                                                    |
| PROTECTION             | IP-65<br>(EN 54-24: Type B)                                                                                                                                                   |
| MATERIAL               | Aluminium with powder coating and moisture protection<br>Powder-coated aluminium grille<br>Ceramic connectors and thermal fuse<br>Aluminium mount<br>Anti-vandal construction |



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|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| CONNECTORS        | Input and output connectors<br>Ceramic connector for 3.2 mm Ø conductor (max. 8 mm²). |
| TEMPERATURE RANGE | Operation: -25 °C ~ 70 °C                                                             |
| COLOUR            | Matte White (RAL 9010)                                                                |
| DIMENSIONS        | 201 mm x 176 x 160 mm depth                                                           |
| WEIGHT            | 2.3 kg                                                                                |



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