

5" surface mount speaker EN 54-24 for 70/100V lines both for music and high quality voice applications. It is designed for surface installation, both for ceilings and walls.

The DS-60TN surface speaker includes a metal cabinet that protects it from fire and vandalism. It incorporates a ceramic terminal and insulation fuse so any possible damage to the unit does not cause a general failure of the speaker circuit to which it is connected. These features ensure the integrity and intelligibility of the system to be maintained in the event of evacuation.

Features:

- Surface Speaker for Voice Evacuation
- Metal cabinet
- Protected against fire. EN 54-24 certified
- Ideal for music and voice messages
- Easy installation

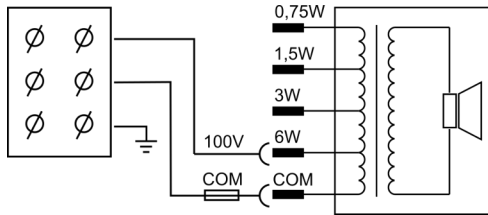


Technical specifications:

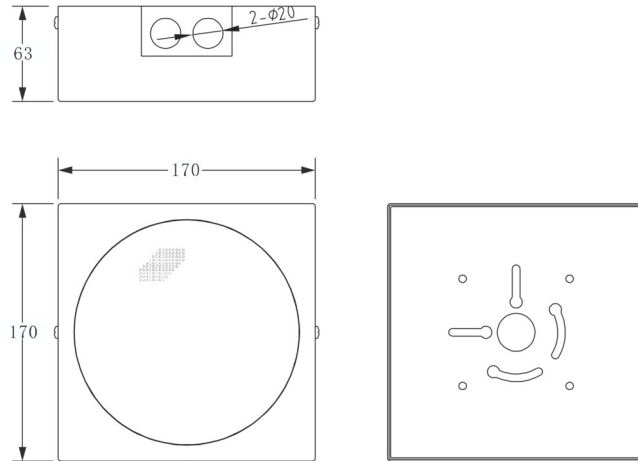
| Model | DS-60TN | | | |
|------------------------------|--|---------|------------|------------|
| Reference | LDADS60TNS02 | | | |
| Speaker diameter | 5" | | | |
| Maximum Power | 9 W | | | |
| Nominal Power | 6 Wrms | | | |
| Connection @ 100 V | 6 W / 3 W / 1.5 W / 0.75 W | | | |
| Connection @ 70 V | 3 W / 1.5 W / 0.75 W / 0.375 W | | | |
| SPL (Pmax / 1m) | 95 dB +/- 1dB | | | |
| SPL (1W / 1m) | 87 dB +/- 1dB | | | |
| SPL (1W / 4m) | 75 dB +/- 1dB | | | |
| Frequency Response (- 10 dB) | 300 Hz - 15 KHz | | | |
| Dispersion (-6 dB) | 500Hz | 1000 Hz | 2000 Hz | 4000Hz |
| | 180° | 180° | 90°H 100°V | 90°H 100°V |
| Nominal voltage | 100 V / 70 V | | | |
| Nominal impedance | 1.7 kΩ / 3.3 kΩ / 6.7kΩ / 13kΩ | | | |
| Connection | Ceramic terminal. Max Section 2.5mm ² | | | |
| Thermal fusion | 150° | | | |
| Dimensions | 170 x 170 x 63 mm | | | |
| Colour | Grille: White (RAL9016) / Black (RAL 9005). Fire Dome: Red (RAL 3000). | | | |
| IP protection | IP21C | | | |
| Net weight | 1.63 Kg | | | |
| Gross weight | 1.71 Kg / 21.32 Kg | | | |
| Packaging Dimensions | 80x180x180 mm / 485x370x210 mm (12 uds) | | | |

- 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

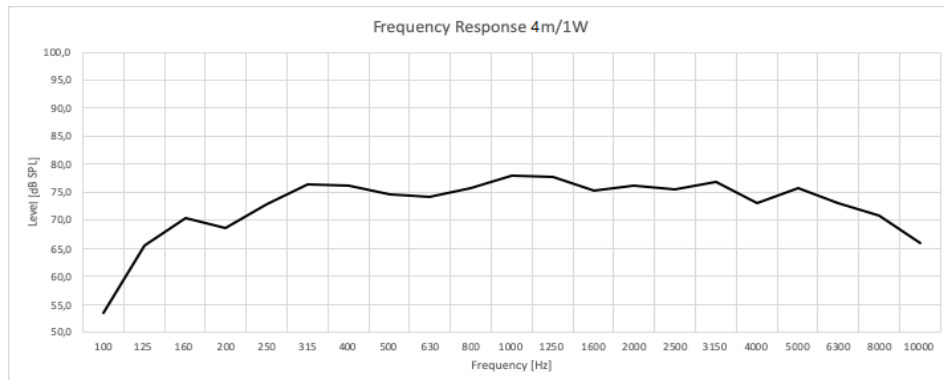
Conection diagram:



Main mechanical views:



Frequency response:



Active Eq. applied: +1,1dB@630Hz, +2dB@4KHz

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