

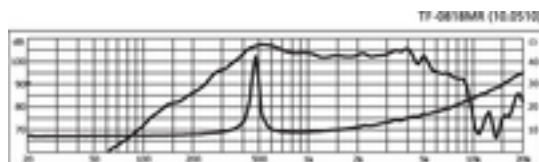
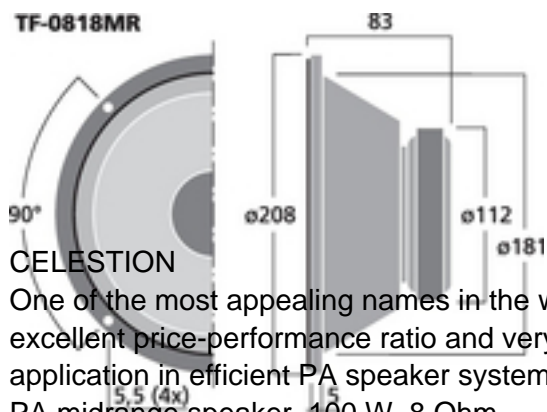
TF-0818MR - PA Midrange Speaker



CELESTION



TF-0818MR



CELESTION

One of the most appealing names in the world of speakers. The speakers of the TF series impress by both an excellent price-performance ratio and very good sound characteristics and thus are ideally suited for an application in efficient PA speaker systems providing a powerful sound.

PA midrange speaker, 100 W, 8 Ohm

- 20 cm (8") PA midrange speaker of high power capability with closed sheet steel basket
- Very high efficiency
- Easy installation, no extra cabinet volume required
- High-quality Kevlar fibre-reinforced cellulose cone
- Very linear frequency response
- 44.5 mm (1.75") heat-resistant voice coil on a Kapton voice coil former
- With impedance linearisation, can be used from approx. 600 Hz on, otherwise 800-4,500 Hz
- Ideally suited for multi-way PA speaker systems



“The TRUVOX-0818MR from CELESTION is no ordinary speaker, but a specialist for 3-way speaker systems of high volumes. A real bargain.”

Tekniske data

| | |
|---|-------------------------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission method | : - |
| Frequency range | : 800-5,000 Hz |
| Resonant frequency (fs) | : 450 Hz |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : - |
| Power rating (RMS) | : 100 W |
| Peak music power output (MAX) | : 200 W |
| Sensitivity | : 99 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : - |
| Moving mass (Mms) | : - |
| Mech. Q factor (Qms) | : - |
| Electr. Q factor (Qes) | : - |
| Total Q factor (Qts) | : - |
| Equivalent volume (Vas) | : - |
| DC resistance (Re) | : 6.7 Ohm |
| Force factor (BxL) | : - |
| Voice coil induct. (Le) | : 0.34 mH |
| Voice coil diameter | : $\tilde{\text{A}}$ 45 mm |
| Voice coil former | : Kapton |
| Linear excursion (X _{MAX}) | : \pm 1 mm |
| Eff. cone area (Sd) | : 255 cm ² |
| Magnet weight | : 570 g |
| Magnet diameter | : $\tilde{\text{A}}$ 112 mm |
| Mounting cutout | : $\tilde{\text{A}}$ 181 mm |
| Mounting depth | : 78 mm |
| Mounting hole diameter | : $\tilde{\text{A}}$ 195-199 mm |
| Hole spacing X-axis | : 138-140.7 mm |
| Hole spacing Y-axis | : 138-140.7 mm |
| Dimensions | : $\tilde{\text{A}}$ 208 mm x 83 mm |
| Outside diameter | : $\tilde{\text{A}}$ 208 mm |
| Width | : $\tilde{\text{A}}$ 208 mm |

| | |
|-----------------------|-----------|
| Height | : - |
| Depth | : 83 mm |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 1.85 kg |
| Packing unit | : 1 |
| Type of speaker | : 8" |