

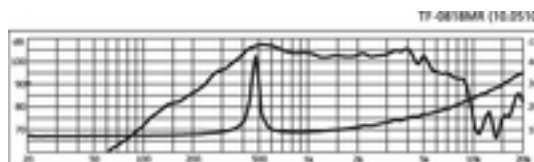
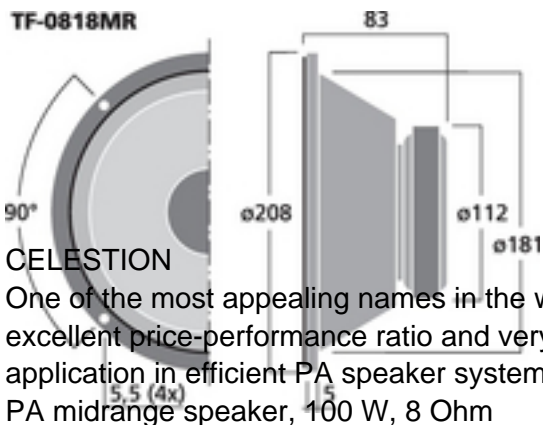
## TF-0818MR - PA Midrange Speaker



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.”

## Tekniset tiedot:

|   |                                 |
|---|---------------------------------|
| 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                       | : $\tilde{\sim}$ 45 mm          |
| Voice coil former                         | : Kapton                        |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 1 mm                    |
| Eff. cone area (Sd)                       | : 255 cm <sup>2</sup>           |
| Magnet weight                             | : 570 g                         |
| Magnet diameter                           | : $\tilde{\sim}$ 112 mm         |
| Mounting cutout                           | : $\tilde{\sim}$ 181 mm         |
| Mounting depth                            | : 78 mm                         |
| Mounting hole diameter                    | : $\tilde{\sim}$ 195-199 mm     |
| Hole spacing X-axis                       | : 138-140.7 mm                  |
| Hole spacing Y-axis                       | : 138-140.7 mm                  |
| Dimensions                                | : $\tilde{\sim}$ 208 mm x 83 mm |
| Outside diameter                          | : $\tilde{\sim}$ 208 mm         |
| Width                                     | : $\tilde{\sim}$ 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"      |