

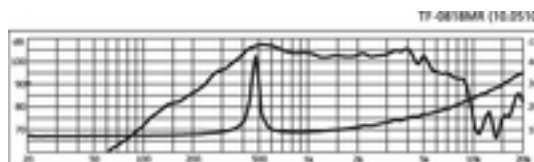
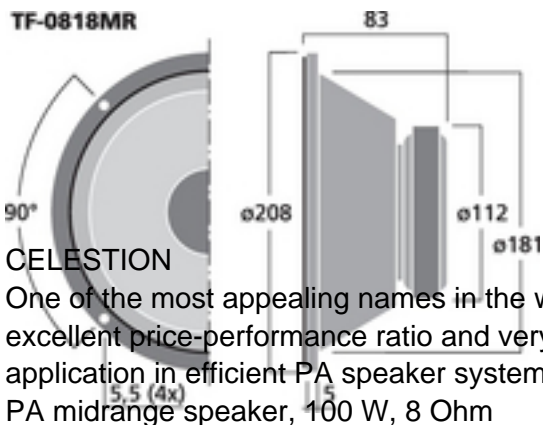
## TF-0818MR - PA Midrange Speaker



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.”

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
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
SPL	: 99 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
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	: $\tilde{A}$ 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	: $\tilde{A}$ 112 mm
Mounting cutout	: $\tilde{A}$ 181 mm
Mounting depth	: 78 mm
Mounting hole diameter	: $\tilde{A}$ 195-199 mm
Hole spacing X-axis	: 138-140.7 mm
Hole spacing Y-axis	: 138-140.7 mm
Dimensions	: $\tilde{A}$ 208 mm x 83 mm
Outside diameter	: $\tilde{A}$ 208 mm

Width	: Å~ 208 mm
Height	: -
Depth	: 83 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.85 kg
Packing unit	: 1
Type of speaker	: 8"
Packing dimensions (W x H x L)	: 0.235 x 0.11 x 0.23 m
Gross weight	: 2.1 kg
Net weight	: 1.85 kg
Low-impedance	: 1