



TF-0818MR

Order No.: 10.0510

Price upon request

PRODUCTINFOS

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.

Professional PA midrange speaker, 100 W, 8 Ω

- 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

HiFi-Selbstbau, Online magazine 2008

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

TECHNICAL SPECIFICATIONS

TF-0818MR

Impedance (Z)	8 Ω
Frequency range	800-5,000 Hz
Resonant frequency (fs)	450 Hz
Power rating	100 W
Peak music power output	200 W
Sensitivity	99 dB/W/m
DC resistance (Re)	6.7 Ω
Voice coil induct. (Le)	0.34 mH
Voice coil diameter	\varnothing 45 mm
Voice coil former	Kapton
Linear excursion (X_{MAX})	± 1 mm
Eff. cone area (Sd)	255 cm ²
Magnet weight	570 g
Magnet diameter	\varnothing 112 mm
Mounting cutout	\varnothing 181 mm
Mounting depth	78 mm
Mounting hole diameter	\varnothing 195-199 mm
Hole spacing X-axis	138-140.7 mm
Hole spacing Y-axis	138-140.7 mm
Dimensions	\varnothing 208 mm x 83 mm
Outside diameter	\varnothing 208 mm
Width	\varnothing 208 mm
Depth	83 mm
Admiss. ambient temp.	0-40 °C
Weight	1.85 kg
Sales unit	1
Type of speaker	8"