



TF-1530

Order No.: 10.1140

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 bass speaker, 400 W, 8 Ω

- 38 cm (15") PA bass speaker of very high power capability and very high efficiency
- High-quality Kevlar fibre-reinforced cellulose cone
- 75 mm (3") heat-resistant voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- For general applications in PA systems with medium to high level requirements

TECHNICAL SPECIFICATIONS

TF-1530

Impedance (Z)	8 Ω
Frequency range	f3-3,000 Hz
Resonant frequency (fs)	45 Hz
Power rating	400 W
Peak music power output	800 W
Sensitivity	99 dB/W/m
Suspension compl. (Cms)	0.14 mm/N
Moving mass (Mms)	92 g
Mech. Q factor (Qms)	4.2
Electr. Q factor (Qes)	0.42
Total Q factor (Qts)	0.38
Equivalent volume (Vas)	141 l
DC resistance (Re)	5.7 Ω
Force factor (BxL)	18.7 Tm
Voice coil induct. (Le)	1.08 mH
Voice coil diameter	\varnothing 75 mm
Voice coil former	Kapton
Linear excursion (X_{MAX})	\pm 2 mm
Eff. cone area (Sd)	855 cm ²
Magnet weight	2.4 kg
Magnet diameter	\varnothing 188 mm
Mounting cutout	\varnothing 353 mm
Mounting depth	152 mm
Mounting hole diameter	\varnothing 369 mm
Dimensions	\varnothing 385 mm x 162 mm
Outside diameter	\varnothing 385 mm
Width	\varnothing 385 mm
Depth	\varnothing 152 mm
Admiss. ambient temp.	0-40 °C
Weight	6.92 kg
Sales unit	1
Type of speaker	15"