



TF-1020

Order No.: 10.0560

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-midrange speaker, 150 W, 8 Ω

- 25 cm (10") PA midrange speaker providing an excellent sound, with power reserves in the bass range down to approx. 90 Hz
- High-quality Kevlar fibre-reinforced cellulose cone
- 50 mm (2") heat-resistant voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth
- High-quality reproductions of speech and vocals
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- Ideally suited for compact PA top parts with subwoofer support

TECHNICAL SPECIFICATIONS

TF-1020

Impedance (Z)	8 Ω
Frequency range	f3-3,500 Hz
Resonant frequency (fs)	61 Hz
Power rating	150 W
Peak music power output	300 W
Sensitivity	97 dB/W/m
Suspension compl. (Cms)	0.22 mm/N
Moving mass (Mms)	31 g
Mech. Q factor (Qms)	2.85
Electr. Q factor (Qes)	0.36
Total Q factor (Qts)	0.32
Equivalent volume (Vas)	37.5 l
DC resistance (Re)	5.8 Ω
Force factor (BxL)	13.79 Tm
Voice coil induct. (Le)	0.59 mH
Voice coil diameter	\varnothing 50 mm
Voice coil former	Kapton
Linear excursion (X_{MAX})	\pm 2 mm
Eff. cone area (Sd)	363 cm ²
Magnet weight	1.2 kg
Magnet diameter	\varnothing 155 mm
Mounting cutout	\varnothing 229 mm
Mounting depth	102.5 mm
Mounting hole diameter	\varnothing 245 mm
Dimensions	\varnothing 256 mm x 110 mm
Outside diameter	\varnothing 256 mm
Width	\varnothing 256 mm
Depth	110 mm
Admiss. ambient temp.	0-40 °C
Weight	3.7 kg
Sales unit	1
Type of speaker	10"