



TF-1225

Order No.: 10.0650

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, 250 W, 8 Ω

- 30 cm (12") PA bass speaker of high power capability and high efficiency
- High-quality Kevlar fibre-reinforced cellulose cone
- 63 mm (2½") heat-resistant voice coil on a Kapton voice coil former
- TSP parameters for a voluminous bass reproduction
- Excellent linear frequency response and wide bandwidth
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- Multi-purpose speaker for PA systems with high quality requirements

HOBBY HiFi 05/2013

"The TF-1225 features outstanding midrange qualities and thus allows for a two-way system of high level stability with audiophile qualities."

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"The TF-1225 features outstanding midrange qualities and thus allows for a two-way system of high level stability with audiophile qualities. Terrific linearity up to 2 kHz."

TECHNICAL SPECIFICATIONS

TF-1225

Impedance (Z)	8 Ω
Frequency range	f3-4,000 Hz
Resonant frequency (fs)	62 Hz
Power rating	250 W
Peak music power output	500 W
Sensitivity	97 dB/W/m
Suspension compl. (Cms)	0.13 mm/N
Moving mass (Mms)	46 g
Mech. Q factor (Qms)	6.7
Electr. Q factor (Qes)	0.52
Total Q factor (Qts)	0.48
Equivalent volume (Vas)	54.5 l
DC resistance (Re)	5.3 Ω
Force factor (BxL)	13.2 Tm
Voice coil induct. (Le)	0.84 mH
Voice coil diameter	\varnothing 64 mm
Voice coil former	Kapton
Linear excursion (X _{MAX})	\pm 2.5 mm
Eff. cone area (Sd)	551 cm ²
Magnet weight	1.4 kg
Magnet diameter	\varnothing 157 mm
Mounting cutout	\varnothing 282 mm
Mounting depth	124 mm

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Mounting hole diameter	Ø 297 mm
Dimensions	Ø 310 mm x 130 mm
Outside diameter	Ø 310 mm
Width	Ø 310 mm
Depth	130 mm
Admiss. ambient temp.	0-40 °C
Weight	3.98 kg
Sales unit	1
Type of speaker	12"