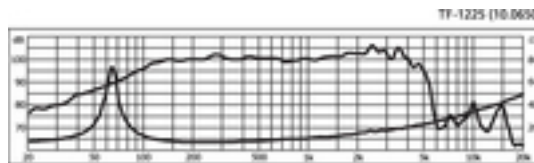
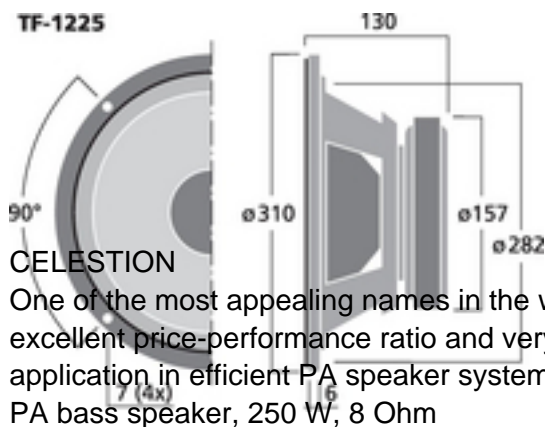


## TF-1225 - PA Woofer



CELESTION



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 bass speaker, 250 W, 8 Ohm

- 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."

HOBBY HIFI 06/2013

"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 data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-4,000 Hz
Resonant frequency (fs)	: 62 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 250 W
Peak music power output (MAX)	: 500 W
SPL	: 97 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
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 Ohm
Force factor (BxL)	: 13.20 Tm
Voice coil induct. (Le)	: 0.84 mH
Voice coil diameter	: $\tilde{A}$ 64 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 2.5 mm
Eff. cone area (Sd)	: 551 cm <sup>2</sup>
Magnet weight	: 1.4 kg
Magnet diameter	: $\tilde{A}$ 157 mm
Mounting cutout	: $\tilde{A}$ 282 mm
Mounting depth	: 124 mm
Mounting hole diameter	: $\tilde{A}$ 297 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 310 mm x 130 mm
Outside diameter	: $\tilde{A}$ 310 mm

Width	: Å~ 310 mm
Height	: -
Depth	: 130 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 3.98 kg
Packing unit	: 1
Type of speaker	: 12"
Packing dimensions (W x H x L)	: 0.325 x 0.16 x 0.34 m
Gross weight	: 4.46 kg
Net weight	: 3.98 kg
Low-impedance	: 1