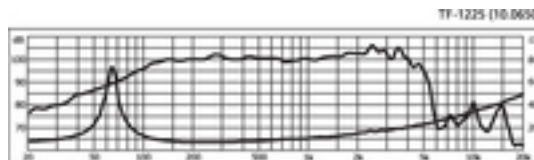
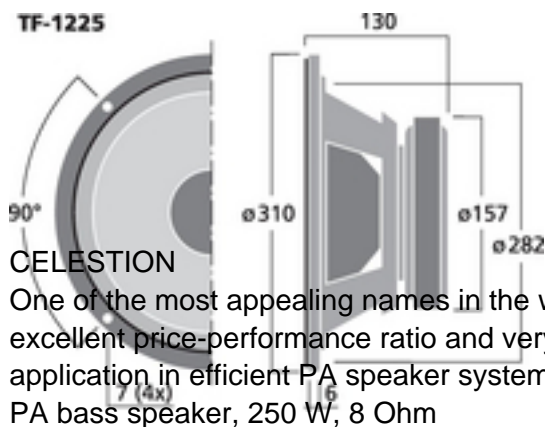


TF-1225 - PA Woofer



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 _{MAX}) | : \pm 2.5 mm |
| Eff. cone area (Sd) | : 551 cm ² |
| 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 |