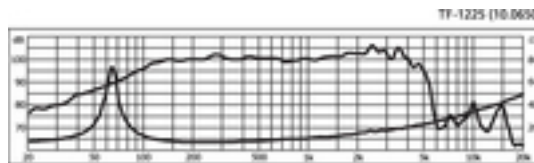
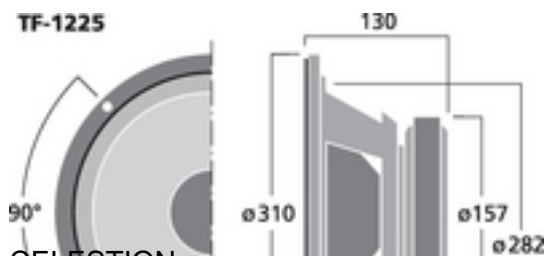


## TF-1225 - PA Woofer



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.”

## Tekniske data

|   |                                  |
|---|----------------------------------|
| Impedance (Z)                             | : 8 Ohm                          |
| Transmission method                       | : -                              |
| 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                          |
| Sensitivity                               | : 97 dB/W/m                      |
| Max. rated SPL                            | : -                              |
| Max. voltage                              | : -                              |
| 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                       | : $\tilde{\sim}$ 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                           | : $\tilde{\sim}$ 157 mm          |
| Mounting cutout                           | : $\tilde{\sim}$ 282 mm          |
| Mounting depth                            | : 124 mm                         |
| Mounting hole diameter                    | : $\tilde{\sim}$ 297 mm          |
| Hole spacing X-axis                       | : -                              |
| Hole spacing Y-axis                       | : -                              |
| Dimensions                                | : $\tilde{\sim}$ 310 mm x 130 mm |
| Outside diameter                          | : $\tilde{\sim}$ 310 mm          |
| Width                                     | : $\tilde{\sim}$ 310 mm          |

|                       |           |
|-----------------------|-----------|
| Height                | : -       |
| Depth                 | : 130 mm  |
| Protective class      | : -       |
| Admiss. ambient temp. | : 0-40 °C |
| Weight                | : 3.98 kg |
| Packing unit          | : 1       |
| Type of speaker       | : 12"     |