

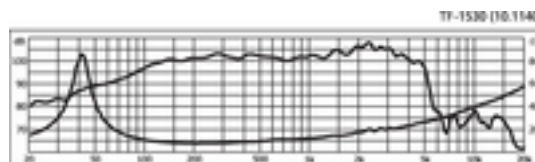
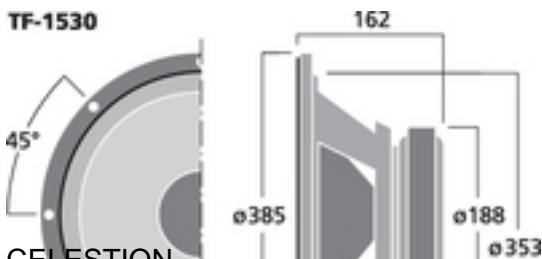
TF-1530 - PA Woofer



CELESTION



TF-1530



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, 400 W, 8 Ohm

- 38 cm (15") PA bass speaker of very high power capability and very high efficiency
- High-quality Kevlar fibre-reinforced cellulose cone
- 75 mm (3") heat-resistant voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- For general applications in PA systems with medium to high level requirements

Tekniset tiedot:

| | |
|---|----------------------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission method | : - |
| Frequency range | : f3-3,000 Hz |
| Resonant frequency (fs) | : 45 Hz |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : - |
| Power rating (RMS) | : 400 W |
| Peak music power output (MAX) | : 800 W |
| Sensitivity | : 99 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : 0.14 mm/N |
| Moving mass (Mms) | : 92 g |
| Mech. Q factor (Qms) | : 4.2 |
| Electr. Q factor (Qes) | : 0.42 |
| Total Q factor (Qts) | : 0.38 |
| Equivalent volume (Vas) | : 141 l |
| DC resistance (Re) | : 5.7 Ohm |
| Force factor (BxL) | : 18.70 Tm |
| Voice coil induct. (Le) | : 1.08 mH |
| Voice coil diameter | : $\tilde{\sim}$ 75 mm |
| Voice coil former | : Kapton |
| Linear excursion (X _{MAX}) | : \pm 2 mm |
| Eff. cone area (Sd) | : 855 cm ² |
| Magnet weight | : 2.4 kg |
| Magnet diameter | : $\tilde{\sim}$ 188 mm |
| Mounting cutout | : $\tilde{\sim}$ 353 mm |
| Mounting depth | : 152 mm |
| Mounting hole diameter | : $\tilde{\sim}$ 369 mm |
| Hole spacing X-axis | : - |
| Hole spacing Y-axis | : - |
| Dimensions | : $\tilde{\sim}$ 385 mm x 162 mm |
| Outside diameter | : $\tilde{\sim}$ 385 mm |
| Width | : $\tilde{\sim}$ 385 mm |

| | |
|-----------------------|------------|
| Height | : - |
| Depth | : ~ 152 mm |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 6.92 kg |
| Packing unit | : 1 |
| Type of speaker | : 15" |