

TF-1530 - PA Woofer

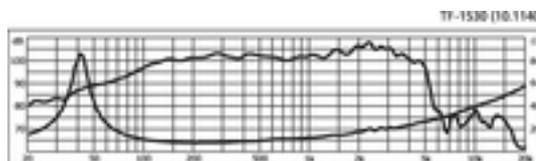
15

800
W_{MAX}

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

Tekniske data

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

CELESTION

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