



## TF-1525

Order No.: 0101040

### PRODUCTINFOS

#### 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 $\Omega$

- 38 cm (15") PA bass speaker of high power capability and high efficiency
- High-quality Kevlar fibre-reinforced cellulose cone
- 64 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

“The natural sound of the speaker (speaker building concept Monolith of Klang+Ton) is kept up to levels which can simply not be reached with standard hi-fi speaker systems, not even with full-fledged floor-standing speaker systems. Thus, a rock concert with original volume levels is just as much fun as a classical concert virtually in the middle of an orchestra. (Speaker building concept Monolith with TF-1525, TF-0420MR, CDX1-1010 and MRH-170).”

## TECHNICAL SPECIFICATIONS

### TF-1525

Impedance (Z)	8 $\Omega$
Frequency range	f3-3,000 Hz
Resonant frequency (fs)	47 Hz
Power rating (RMS)	250 W
Peak music power output (MAX)	500 W
SPL	98 dB/W/m
Suspension compl. (Cms)	0.149 mm/N
Moving mass (Mms)	78 g
Mech. Q factor (Qms)	5.9
Electr. Q factor (Qes)	0.66
Total Q factor (Qts)	0.59
Equivalent volume (Vas)	152 l
DC resistance (Re)	5.2 $\Omega$
Force factor (BxL)	13.50 Tm
Voice coil induct. (Le)	0.8 mH
Voice coil diameter	Ø 64 mm
Voice coil former	Kapton
Linear excursion (X <sub>MAX</sub> )	± 2.5 mm
Eff. cone area (Sd)	855 cm <sup>2</sup>
Magnet weight	1.2 kg
Magnet diameter	Ø 157 mm
Mounting cutout	Ø 354 mm
Mounting depth	142 mm
Mounting hole diameter	Ø 369 mm
Dimensions	Ø 385 mm x 153 mm
Outside diameter	Ø 385 mm
Width	Ø 385 mm
Depth	153 mm
Colour	black

**TF-1525**

Admiss. ambient temp.	0-40 °C
Weight	4.34 kg
Packing unit	1
Type of speaker	15"
Packing dimensions (W x H x L)	0.4 x 0.17 x 0.41 m
Gross weight	5.2 kg
Net weight	4.34 kg