

Tender text

TF-1225CX

2-way coaxial PA speaker, 250 W, 8 Ω

- 30 cm (12") PA bass speaker of high power capability and high efficiency
- Coaxially arranged horn tweeter with 25 mm (1", voice coil = 44 mm) neodymium high-frequency driver
- Excellent sound characteristics
- 63 mm (2½") heat-resistant voice coil on a Kapton voice coil former
- Excellent and consistent radiation pattern
- Ideally suited for stage monitors or very compact full range speaker systems
- Operation only allowed with crossover network (recommended crossover frequency: 2,200 Hz)
- Robust sheet steel basket

Specifications:

Impedance (Z)	8 Ω (bass), 8 Ω (tweeter)
Frequency range	f3-4,000 Hz (bass) 1,200-18,000 Hz (tweeter)
Resonant frequency (fs)	71 Hz (bass), 1,200 Hz (tweeter)
Power rating (RMS)	250 W (bass) / 75 W (tweeter)
Peak music power output (MAX)	500 W (bass) / 150 W (tweeter)
SPL	97 dB (bass) / 110 dB (tweeter)
Suspension compl. (Cms)	0.10 mm/N
Moving mass (Mms)	49 g
Mech. Q factor (Qms)	3.82
Electr. Q factor (Qes)	0.48
Total Q factor (Qts)	0.426
Equivalent volume (Vas)	40 l
DC resistance (Re)	5.6 Ω
Force factor (BxL)	16.1 Tm
Voice coil induct. (Le)	0.23 mH
Voice coil diameter	Ø 63 mm (bass) / Ø 45 mm (tweeter)
Voice coil former	Kapton
Linear excursion (X _{MAX})	± 2.5 mm
Eff. cone area (Sd)	551 cm ²
Magnet weight	1.2 kg
Magnet diameter	Ø 154 mm
Mounting cutout	Ø 286 mm
Mounting depth	154.5 mm
Mounting hole diameter	297 mm
Dimensions	Ø 309 mm x 162 mm
Outside diameter	Ø 309 mm
Width	Ø 309 mm
Depth	162 mm
Colour	

Admiss. ambient temp.	0-40 °C
Weight	4.5 kg
Packing unit	1
Type of speaker	12"
Packing dimensions (W x H x L)	0.36 x 0.2 x 0.36 m
Gross weight	5.49 kg
Net weight	4.5 kg

Brand: CELESTION

Type: TF-1225CX

Quantity: 1

Packing dimensions (W x H x L): 0.36 x 0.2 x 0.36 m

Gross weight: 5.49 kg

Net weight: 4.5 kg

Item weight (w/o accessories): 4.5 kg