



NTR10-2520E

Order No.: 10.5910

Price upon request

PRODUCTINFOS

Professional PA Speakers

of the CELESTION NTR series with neodymium drives represent where we are today with PA speaker technology. Developed with the aid of analysis methods and state-of-the-art computer simulation, these speakers provide an excellent radiation with lowest harmonic distortions at a very low weight.

Professional PA bass-midrange speaker, 250 W, 8 Ω

- 25 cm (10") speaker with high-performance neodymium drive system
- Deformation-resistant, kevlar-reinforced and low-resonance paper cone
- 64 mm (2.5") heat-resistant voice coil
- Especially developed thermal management of the drive system for preventing thermal compression and overheating
- Multi-roll rubber surround for an excellent linearity and progressive control in case of excessive cone excursion
- Very low harmonic distortion (THD)
- Diecast aluminium basket and a low weight of 2.2 kg only

TECHNICAL SPECIFICATIONS

NTR10-2520E

Impedance (Z)	8 Ω
Frequency range	f3-3,500 Hz
Resonant frequency (fs)	56 Hz
Power rating	250 W
Peak music power output	500 W
Sensitivity	96 dB/W/m
Suspension compl. (Cms)	0.20 mm/N
Moving mass (Mms)	40.22 g
Mech. Q factor (Qms)	2.76
Electr. Q factor (Qes)	0.411
Total Q factor (Qts)	0.358
Equivalent volume (Vas)	33 l
DC resistance (Re)	6.11 Ω
Force factor (BxL)	14.6 Tm
Voice coil induct. (Le)	0.59 mH
Voice coil diameter	\varnothing 64 mm
Voice coil former	glass fibre
Linear excursion (X_{MAX})	\pm 4.0 mm
Eff. cone area (Sd)	346 cm ²
Mounting cutout	\varnothing 234 mm
Mounting depth	102 mm
Mounting hole diameter	\varnothing 244-247 mm
Dimensions	\varnothing 260 mm x 115 mm
Outside diameter	\varnothing 260 mm
Width	\varnothing 260 mm
Depth	115 mm
Admiss. ambient temp.	0-40 °C
Weight	2 kg
Sales unit	1
Type of speaker	10"