



NTR8-2011D

Order No.: 10.5940

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, 200 W, 8 Ω

- 20 cm (8") speaker with high-performance neodymium drive system
- Coated, deformation-resistant, kevlar-reinforced, low-resonance paper cone
- 50 mm (2") 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)
- Octagonal basket for minimum distance between the speakers, especially for line array systems
- Diecast aluminium basket and a low weight of 1.52 kg only

TECHNICAL SPECIFICATIONS

NTR8-2011D

Impedance (Z)	8 Ω
Frequency range	f3-6,000 Hz
Resonant frequency (fs)	80 Hz
Power rating	200 W
Peak music power output	400 W
Sensitivity	94 dB/W/m
Suspension compl. (Cms)	0.16 mm/N
Moving mass (Mms)	25.3 g
Mech. Q factor (Qms)	1.33
Electr. Q factor (Qes)	0.59
Total Q factor (Qts)	0.41
Equivalent volume (Vas)	11.3 l
DC resistance (Re)	5.85 Ω
Force factor (BxL)	11.22 Tm
Voice coil induct. (Le)	0.59 mH
Voice coil diameter	\varnothing 50 mm
Voice coil former	polyamide
Linear excursion (X_{MAX})	\pm 4.0 mm
Eff. cone area (Sd)	216 cm ²
Mounting cutout	\varnothing 187 mm
Mounting depth	90 mm
Mounting hole diameter	\varnothing 210 mm
Dimensions	210 x 210 x 100 mm
Outside diameter	\varnothing 225 mm
Width	210 mm
Height	210 mm
Depth	100 mm
Admiss. ambient temp.	0-40 °C
Weight	1.52 kg
Sales unit	1
Type of speaker	8"