



NTR12-3018D

Order No.: 10.5920

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, 350 W, 8 Ω

- 30 cm (12") speaker with high-performance neodymium drive system
- Deformation-resistant, kevlar-reinforced, low-resonance paper cone
- 75 mm (3") 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 2.6 kg only

TECHNICAL SPECIFICATIONS

NTR12-3018D

Impedance (Z)	8 Ω
Frequency range	f3-4,000 Hz
Resonant frequency (fs)	58 Hz
Power rating	350 W
Peak music power output	700 W
Sensitivity	98 dB/W/m
Suspension compl. (Cms)	0.13 mm/N
Moving mass (Mms)	57.2 g
Mech. Q factor (Qms)	2.5
Electr. Q factor (Qes)	0.326
Total Q factor (Qts)	0.29
Equivalent volume (Vas)	51 l
DC resistance (Re)	5.69 Ω
Force factor (BxL)	19.54 Tm
Voice coil induct. (Le)	0.78 mH
Voice coil diameter	\varnothing 75 mm
Voice coil former	glass fibre
Linear excursion (X_{MAX})	\pm 4.0 mm
Eff. cone area (Sd)	540 cm ²
Mounting cutout	\varnothing 286 mm
Mounting depth	125 mm
Mounting hole diameter	\varnothing 298-304 mm
Dimensions	\varnothing 318 mm x 137 mm
Outside diameter	\varnothing 318 mm
Width	\varnothing 318 mm
Depth	137 mm
Admiss. ambient temp.	0-40 °C
Weight	2.6 kg
Sales unit	1
Type of speaker	12"