



NTR15-3018E

Order No.: 10.5930

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 speaker, 450 W, 8 Ω

- 38 cm (15") speaker with high-performance neodymium drive system
- Deformation-resistant, kevlar-reinforced and 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 4 kg only

TECHNICAL SPECIFICATIONS

NTR15-3018E

Impedance (Z)	8 Ω
Frequency range	f3-3,000 Hz
Resonant frequency (fs)	34 Hz
Power rating	450 W
Peak music power output	900 W
Sensitivity	98 dB/W/m
Suspension compl. (Cms)	0.22 mm/N
Moving mass (Mms)	97.2 g
Mech. Q factor (Qms)	3.85
Electr. Q factor (Qes)	0.262
Total Q factor (Qts)	0.25
Equivalent volume (Vas)	226 l
DC resistance (Re)	5.58 Ω
Force factor (BxL)	21.24 Tm
Voice coil induct. (Le)	1.2 mH
Voice coil diameter	\varnothing 75 mm
Voice coil former	glass fibre
Linear excursion (X_{MAX})	\pm 5.0 mm
Eff. cone area (Sd)	860 cm ²
Mounting cutout	\varnothing 351 mm
Mounting depth	150 mm
Mounting hole diameter	\varnothing 367-373 mm
Dimensions	\varnothing 386 mm x 162 mm
Outside diameter	\varnothing 386 mm
Width	\varnothing 386 mm
Depth	162 mm
Admiss. ambient temp.	0-40 °C
Weight	3.98 kg
Sales unit	1
Type of speaker	15"