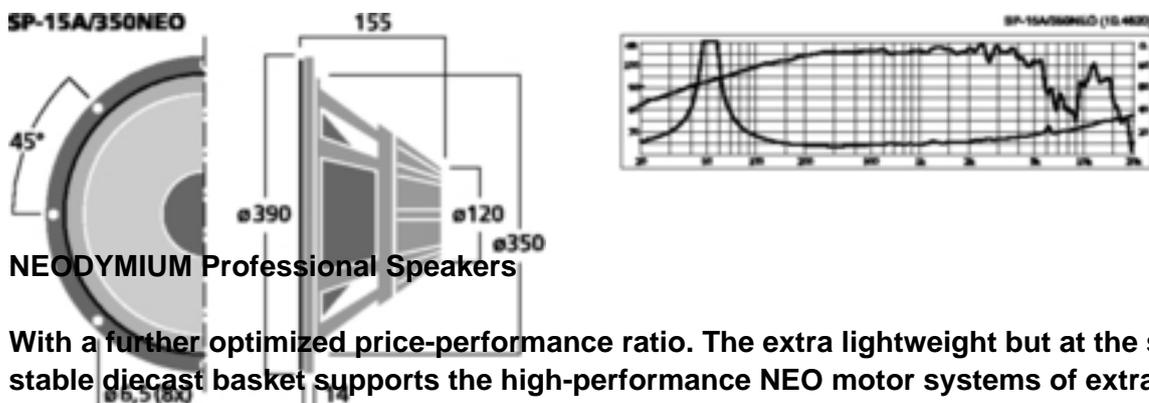


SP-15A/350NEO - PA-Woofer



NEODYMIUM Professional Speakers

With a further optimized price-performance ratio. The extra lightweight but at the same time very stable diecast basket supports the high-performance NEO motor systems of extra high efficiency and exceptionally high power capability. The excursion and the wide frequency response are perfectly matched to the applications which are typical of professional bass-midrange speakers.

Professional PA bass speaker, 700WMAX, 350WRMS, 8 Ohm

Neodymium bass speaker of very high power capability with a diameter of 38cm (15"), diecast basket with an optimum weight/stability ratio, equipped with a copper-plated aluminum flat wire voice coil (CCAR). Wide frequency response of a high efficiency which is unparalleled (> 105dB/1W/1m in the complete midrange), perfectly suitable as a bass-midrange speaker (in very small cabinets) when combined with high-power horn tweeters, for large PA applications and dance floors it is recommended to add large-sized subwoofer systems.

Due to its extra high efficiency, at a supplied power of 100W, this speaker achieves a volume as loud as it is



only customary for a high-quality PA bass speaker with a power capability of approx. 500W. The max. volume level of a semiprofessional PA speaker system with an efficiency of approx. 95dB and a power capability of 200W can be achieved with the SP-15A/350NEO at approx. 20W already.

Technical data:

Impedance (Z)	: 8 Ohm
Resonant frequency (fs)	: 49Hz
Max. frequency range	: f3-3,000Hz
Music power	: 700W _{MAX}
Power rating (P)	: 350W _{RMS}
SPL (1W/1m)	: 105dB
Suspension compl. (Cms)	: 0.13mm/N
Moving mass (Mms)	: 73g
Mech. Q factor (Qms)	: 7.75
Electr. Q factor (Qes)	: 0.26
Total Q factor (Qts)	: 0.25
Equivalent volume (Vas)	: 128 l
DC resistance (Re)	: 5.5 Ohm
Force factor (BxL)	: 22.5Tm
Voice coil induct. (Le)	: 0.7mH
Voice coil diameter	: 75mm
Voice coil former	: glass fibre
Linear excursion (X _{MAX})	: ±3.5mm
Eff. cone area (Sd)	: 840cm ²
Magnet weight	: 9oz. (neodymium)
Weight	: 4kg