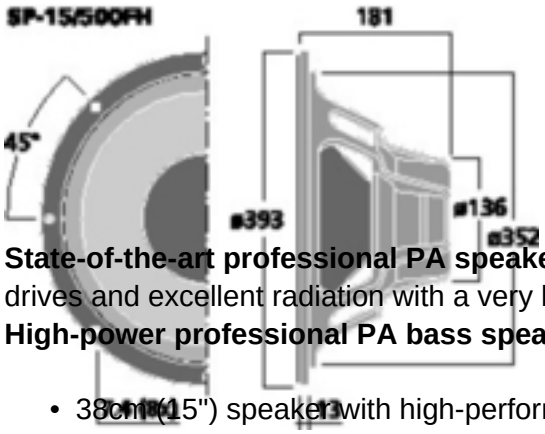
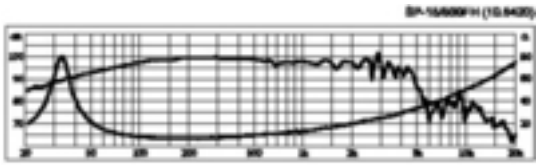
SP-15/500FH - PA Bass Speaker





State-of-the-art professional PA speakers of the FH series from IMG Stage Line With neodymium drives and excellent radiation with a very high power capability and a high efficiency at the same time.
High-power professional PA bass speaker, 1,000WMAX, 500WRMS, 8 Ohm

- 38cm (15") speaker with high-performance neodymium drive system
- Deformation-resistant, fibre-reinforced and low-resonance paper cone
- Heat-resistant 77mm (3") voice coil wound on the inside and outside
- Especially developed thermal management of the drive system for preventing thermal compression and overheating
- Waterproof impregnated cone (no coating), thus no series spreading at the moving mass of the voice coil system
- Multi-roll surround for excellent linearity
- Robust diecast aluminium basket

Technical data

Impedance (Z)	: 8 Ohm
Resonant frequency (fs)	: 35Hz
Max. frequency range	: f3-3,500Hz
Music power	: 1,000W_{MAX}
Power rating (P)	: 500W_{RMS}
SPL (1W/m)	: 98dB
Suspension compl. (Cms)	: 0.20mm/N
Moving mass (Mms)	: 89.7g
Mech. Q factor (Qms)	: 10.4
Electr. Q factor (Qes)	: 0.32
Total Q factor (Qts)	: 0.31
Equivalent volume (Vas)	: 218 l
DC resistance (Re)	: 5.1 Ohm
Force factor (BxL)	: 19.2Tm
Voice coil induct. (Le)	: 1.3mH
Voice coil diameter	: 77mm
Voice coil former	: glass fibre
Linear excursion (X_{MAX})	: ± 9.25mm
Eff. cone area (Sd)	: 880cm^2
Magnet weight	: -
Weight	: 4.4kg