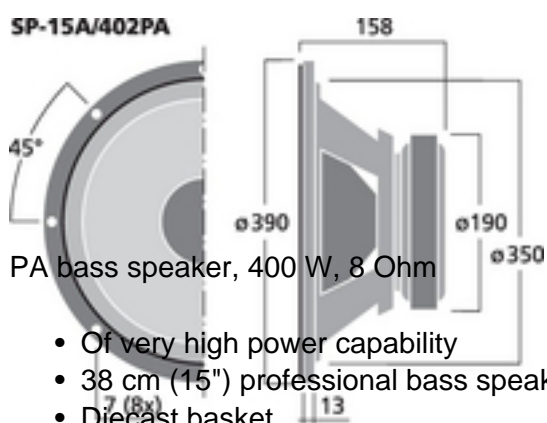


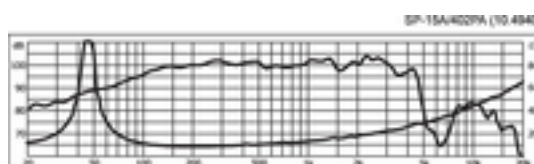
## SP-15A/402PA - PA Woofer



**SP-15A/402PA**



PA bass speaker, 400 W, 8 Ohm



- Of very high power capability
- 38 cm (15") professional bass speaker of long excursion
- Diecast basket
- Cone with water-repellent coating
- Very neat workmanship with front-facing basket
- Wide frequency response
- High efficiency
- Excellent deep bass reproduction
- Drive system with drilled pole core and additional magnet for optimising the magnetic field and impedance linearisation
- For bass-reflex cabinets of medium size from 80 litres on
- For all kinds of professional and semiprofessional PA applications

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-3,000 Hz
Resonant frequency (fs)	: 36 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 400 W
Peak music power output (MAX)	: 800 W
SPL	: 100 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.22 mm/N
Moving mass (Mms)	: 87 g
Mech. Q factor (Qms)	: 7.45
Electr. Q factor (Qes)	: 0.33
Total Q factor (Qts)	: 0.31
Equivalent volume (Vas)	: 235 l
DC resistance (Re)	: 6.5 Ohm
Force factor (BxL)	: 19.90 Tm
Voice coil induct. (Le)	: 0.9 mH
Voice coil diameter	: $\tilde{A}$ 100 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 5 mm
Eff. cone area (Sd)	: 881 cm <sup>2</sup>
Magnet weight	: 2.3 kg
Magnet diameter	: $\tilde{A}$ 190 mm
Mounting cutout	: $\tilde{A}$ 350 mm
Mounting depth	: 145 mm
Mounting hole diameter	: $\tilde{A}$ 370 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 390 mm x 158 mm
Outside diameter	: $\tilde{A}$ 390 mm

Width	: Å~ 390 mm
Height	: -
Depth	: 158 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 7.74 kg
Packing unit	: 1
Type of speaker	: 15"
Packing dimensions (W x H x L)	: 0.415 x 0.21 x 0.415 m
Gross weight	: 8.78 kg
Net weight	: 7.74 kg
Outdoors	: 1
Low-impedance	: 1