

Components

Speaker Technology

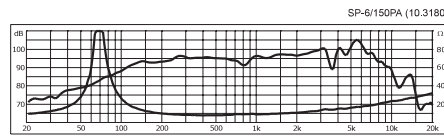
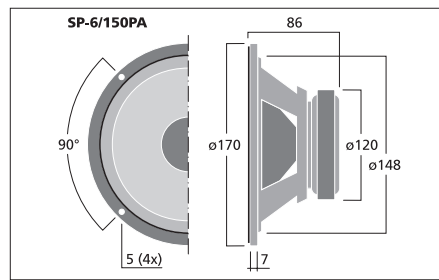
SP-6/150PA

Order No. 10.3180



PA midrange speaker, 150 W, 8 Ω

- For PA midrange applications requiring a high power capability with simultaneous use of mid-high range horns
- Very well-suited for dual arrangements



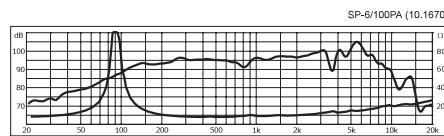
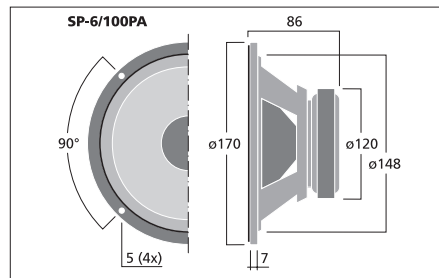
SP-6/100PA

Order No. 10.1670



PA midrange speaker, 100 W, 8 Ω

- Very linear frequency response
- High efficiency
- Perfect midrange speaker for powerful 3-way arrangements in the semiprofessional range

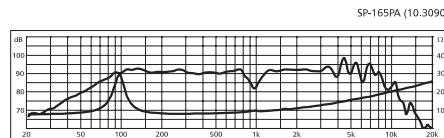
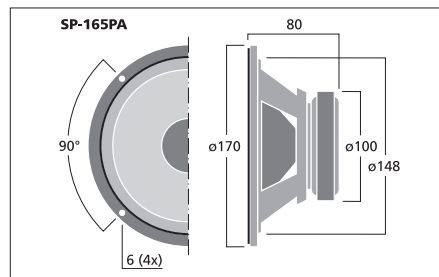


SP-165PA

Order No. 10.3090



PA and power midrange speaker, 50 W, 8 Ω



Model	SP-6/150PA	SP-6/100PA	SP-165PA
Impedance (Z)	8 Ω	8 Ω	8 Ω
Frequency range	f3-6,000 Hz	f3-8,000 Hz	f3-5,500 Hz
Resonant frequency (fs)	73 Hz	90 Hz	100 Hz
Power rating (RMS)	150 W	100 W	50 W
Peak music power output (MAX)	300 W	200 W	100 W
Sensitivity	93 dB/W/m	94 dB/W/m	90 dB/W/m
Suspension compl. (Cms)	0.31 mm/N	0.28 mm/N	0.25 mm/N
Moving mass (Mms)	15.2 g	11.2 g	10 g
Mech. Q factor (Qms)	5.31	4.24	5.2
Electr. Q factor (Qes)	0.46	0.49	1.15
Total Q factor (Qts)	0.42	0.44	0.94
Equivalent volume (Vas)	8.5 l	8 l	7 l
DC resistance (Re)	6.5 Ω	6.7 Ω	6.9 Ω
Voice coil diameter	∅ 50 mm	∅ 40 mm	∅ 25 mm
Voice coil former	Kapton	Kapton	aluminium
Linear excursion (X _{MAX})	± 1 mm	± 0.75 mm	± 3.75 mm
Eff. cone area (Sd)	139 cm ²	139 cm ²	137 cm ²
Mounting cutout	∅ 148 mm	∅ 148 mm	∅ 148 mm
Dimensions	∅ 170 mm x 86 mm	∅ 170 mm x 86 mm	∅ 170 x 80 mm
Weight	2.16 kg	2.14 kg	1.21 kg