

# Components Speaker Technology

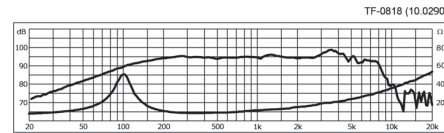
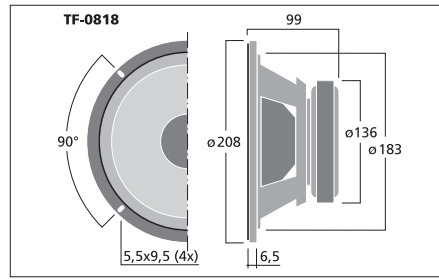
## TF-0818

Order No. 10.0290



### PA bass-midrange speaker, 100 W, 8 Ω

- PA bass-midrange speaker, excellent sound, power reserves in the bass range down to approx. 90 Hz
- High-quality Kevlar fibre-reinforced cellulose cone and double-roll surround
- 44.5 mm heat-resistant voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth
- With  $\pm 3.5$  mm, a high  $X_{MAX}$  for this speaker class



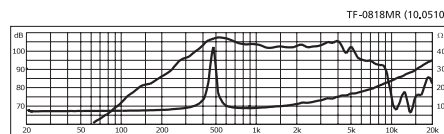
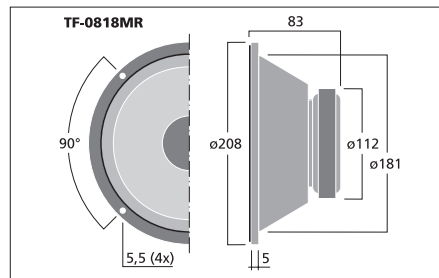
## TF-0818MR

Order No. 10.0510



### PA midrange speaker, 100 W, 8 Ω

- 20 cm (8") PA midrange speaker of high power capability with closed sheet steel basket
- Very high efficiency, linear frequency response
- Easy installation, no extra cabinet volume required
- High-quality Kevlar fibre-reinforced cellulose cone
- 44.5 mm (1.75") heat-resistant voice coil on a Kapton voice coil former
- With impedance linearisation, can be used from approx. 600 Hz on, otherwise 800-4,500 Hz



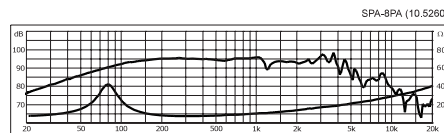
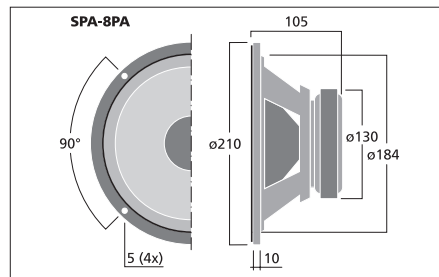
## SPA-8PA

Order No. 10.5260



### PA bass-midrange speaker, 100 W, 8 Ω

- 20 cm (8") bass-midrange speaker of high power capability
- High efficiency
- Features a diecast basket
- Drilled pole core
- Pressure connecting terminals



Model	TF-0818	TF-0818MR	SPA-8PA
Impedance (Z)	8 Ω	8 Ω	8 Ω
Frequency range	f3-6,000 Hz	800-5,000 Hz	f3-4,000 Hz
Resonant frequency (fs)	94 Hz	450 Hz	75 Hz
Power rating (RMS)	100 W	100 W	100 W
Peak music power output (MAX)	200 W	200 W	200 W
Sensitivity	94 dB/W/m	99 dB/W/m	94 dB/W/m
Suspension compl. (Cms)	0.17 mm/N	-	0.16 mm/N
Moving mass (Mms)	17.5 g	-	27 g
Mech. Q factor (Qms)	3.83	-	-
Electr. Q factor (Qes)	0.50	-	0.54
Total Q factor (Qts)	0.44	-	0.46
Equivalent volume (Vas)	12.5 l	-	10 l
DC resistance (Re)	6.4 Ω	6.7 Ω	6.2 Ω
Voice coil diameter	Ø 45 mm	Ø 45 mm	Ø 50 mm
Voice coil former	Kapton	Kapton	aluminium
Linear excursion ( $X_{MAX}$ )	$\pm 3.5$ mm	$\pm 1$ mm	$\pm 4$ mm
Eff. cone area (Sd)	255 cm <sup>2</sup>	255 cm <sup>2</sup>	213 cm <sup>2</sup>
Mounting cutout	Ø 183 mm	Ø 181 mm	Ø 184 mm
Dimensions	Ø 208 mm x 99 mm	Ø 208 mm x 83 mm	Ø 210 mm x 105 mm
Weight	2.28 kg	1.85 kg	3.2 kg