PROFESSIONAL LOUDSPEAKERS

10PR410

10" - 300 W - 99 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	230 mm (9.06 in)
Depth	131 mm (5.16 in)
Flange and Gasket Thickness	11.5 mm (0.45 in)
Net Weight	**7.5 kg (16.6 lb)**
Shipping Box (Single Carton Box)	294 x 290 x 203 mm (11.6 x 11.4 x 8.0 in)
Shipping Weight	8.1 kg (17.9 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	02504171
Recone Kit - 8 Ohm Version	R2504171

TECHNICAL PARAMETERS

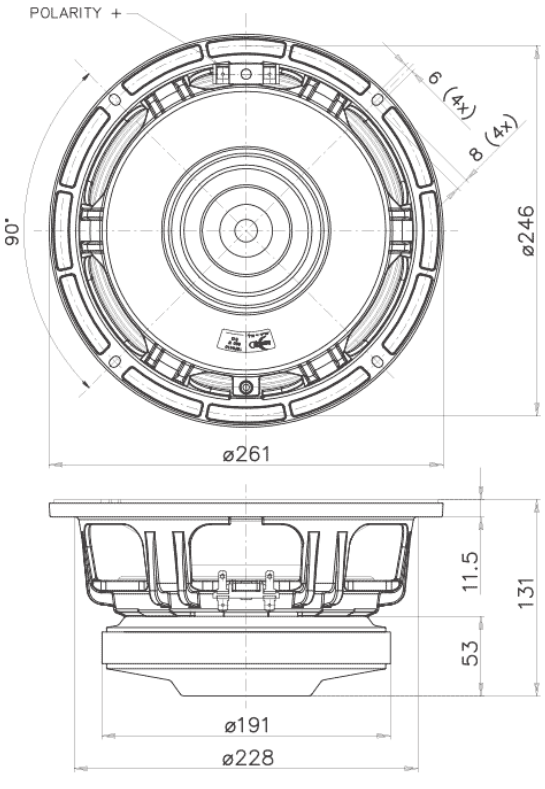
Nominal Impedance	8 Ohm
Minimum Impedance	6.8 Ohm
AES Power Handling **(1)**	300 W
Maximum Power Handling (2)	**600 W**
Sensitivity (1W/1m)	**99 dB**
Frequency Range	100÷2000 Hz
Voice Coil Diameter	**65 mm (2.56 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	**10.5 mm (0.41 in)**
Flux Density	1.3 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Accordion (4 Waves)
NET Air Volume filled by Loudspeaker	2 dm^3 (0.070 ft^3)
Spider Profile	1x variable height waves

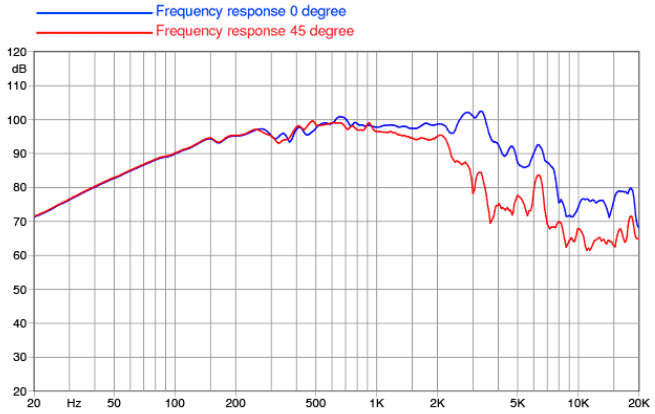
THIELE & SMALL PARAMETERS

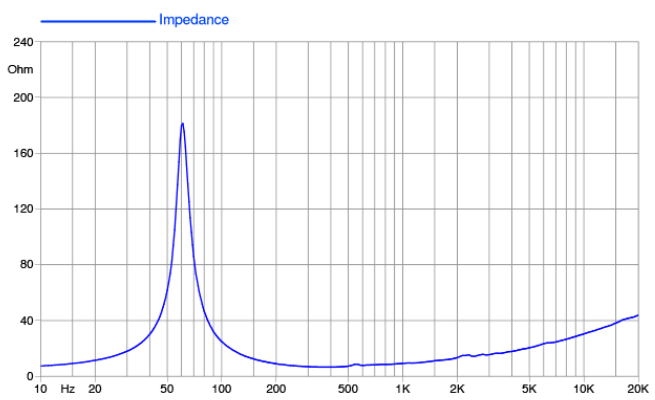
Fs	60 Hz
Re	5.4 Ohm
Qes	0.23
Qms	10.5
Qts	0.23
Vas	32.0 dm^3 (1.13 ft^3)
Sd	345 cm^2 (53.48 in^2)
Xmax **(4)**	4.50 mm
Xdamage **(5)**	12.2 mm
Mms	36.5 g
Bl	18.5 N/A
Le	0.6 mH
Mmd	29.3 g
Cms	0.19 mm/N
Rms	1.3 kg/s
Eta Zero	3.09 %
EBP	261 Hz

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage







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