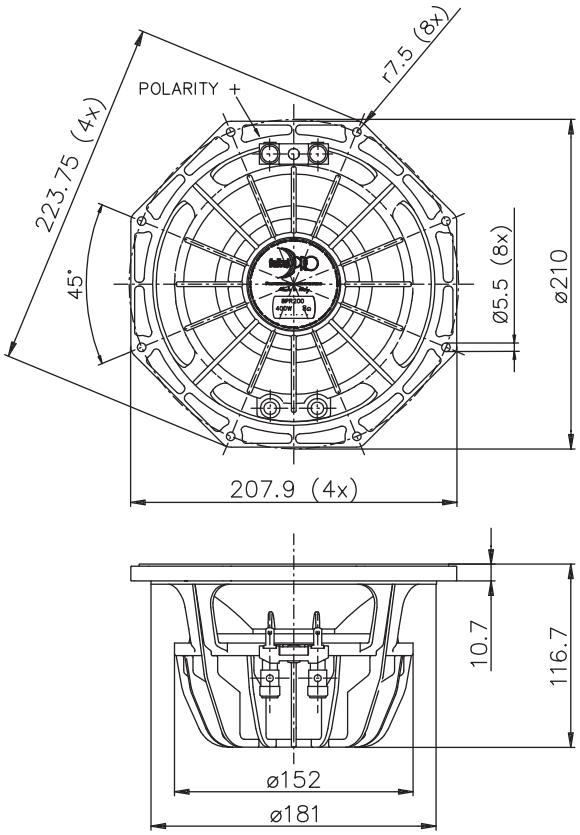
faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

8PR200

8" - 200 W - 95 dB

NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	116.7 mm (4.59 in)
Flange and gasket Thickness	10.7 mm (0.42 in)
Net Weight	**2.1 kg (4.6 lb)**
Shipping Box	235 x 235 x 155 mm
(Single Carton Box)	(9.3 x 9.3 x 6.1 in)
Shipping Weight	2.5 kg (5.5 lb)

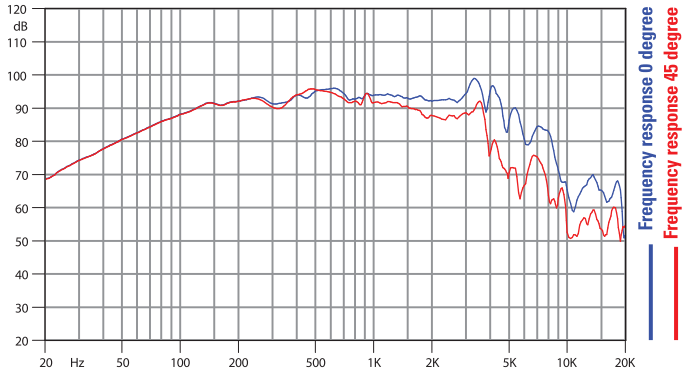


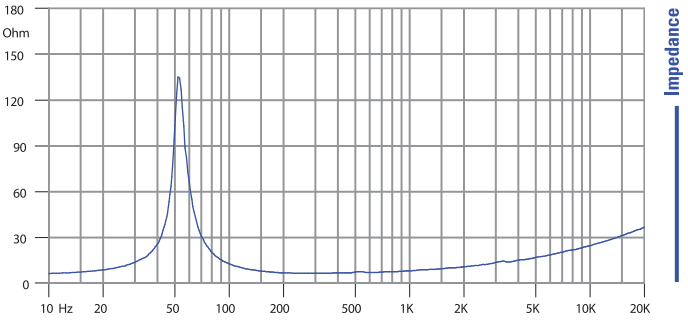
TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
AES Power Handling (1)	200 W
Maximum Power Handling (4)	**400 W**
Sensitivity (1W/1m)	**95 dB**
Frequency Range	70÷5000 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	19.3 mm (0.76 in)
Magnetic Gap Depth	**9 mm (0.35 in)**
Flux Density	1.15 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	1 dm³ (0.035 ft³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	58 Hz
Re	5.1 Ω
Qes	0.38
Qms	9.4
Qts	0.36
Vas	15.1 dm³ (0.53 ft³)
Sd	196 cm² (30.38 in²)
Xmax (2)	8.15 mm
Xdamage (3)	13.5 mm
Mms	27.2 g
Bl	11.5 N/A
Le	0.55 mH
Mmd	25.6 g
Cms	0.28 mm/N
Rms	1.04 kg/s
η_o (Eta Zero)	0.76 %
EBP	153 Hz





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