faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

10PR310

10" - 300 W - 97 dB

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	109 mm (4.29 in)
Flange and gasket Thickness	12 mm (0.47 in)
Net Weight	**4.1 kg (9.0 lb)**
Shipping Box	282 x 280 x 140 mm
(Single Carton Box)	(11.1 x 11.0 x 5.5 in)
Shipping Weight	4.7 kg (10.4 lb)

TECHNICAL PARAMETERS

Nominal Impedance	4 Ω
Minimum Impedance	4 Ω
AES Power Handling (1)	300 W
Maximum Power Handling (4)	**600 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	60÷4000 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	**8 mm (0.31 in)**
Flux Density	1.2 T
Magnet	**Ferrite Ring**
Basket Material	Aluminum
Demodulation	No
Cone Surround (5)	M-Roll
NET Air Volume filled by Loudspeaker	1.3 dm³ (0.046 ft³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	55 Hz
Re	3.3 Ω
Qes	0.32
Qms	7.4
Qts	0.29
Vas	35.2 dm³ (1.24 ft³)
Sd	322 cm² (49.91 in²)
Xmax (2)	4.92 mm
Xdamage (3)	15.25 mm
Mms	35.1 g
Bl	11.5 N/A
Le	0.45 mH
Mmd	32.1 g
Cms	0.24 mm/N
Rms	1.64 kg/s
η_o (Eta Zero)	1.88 %
EBP	172 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