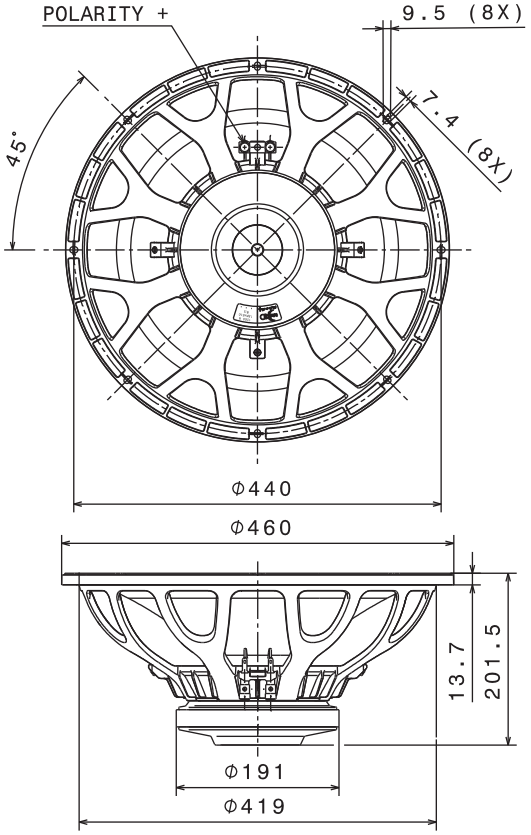
faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

18FH510

18" - 600 W - 98 dB

NOMINAL SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Overall Diameter	460 mm (18.11 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	421 mm (16.57 in)
Depth	201.5 mm (7.93 in)
Flange and gasket Thickness	13.7 mm (0.54 in)
Net Weight	**8.75 kg (19.3 lb)**
Shipping Box	503 x 500 x 258 mm
(Single Carton Box)	(19.80 x 19.68 x 10.16 in)
Shipping Weight	10.3 kg (22.71 lb)

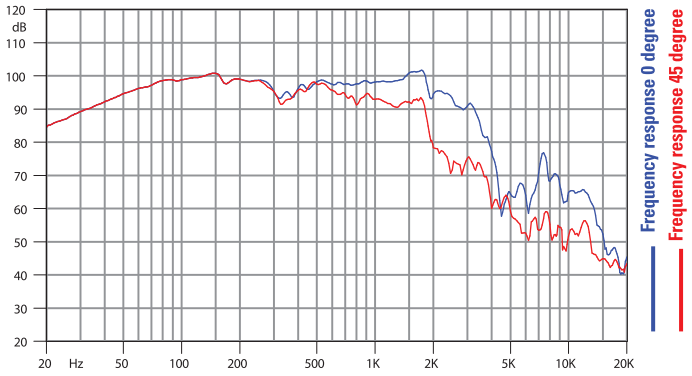


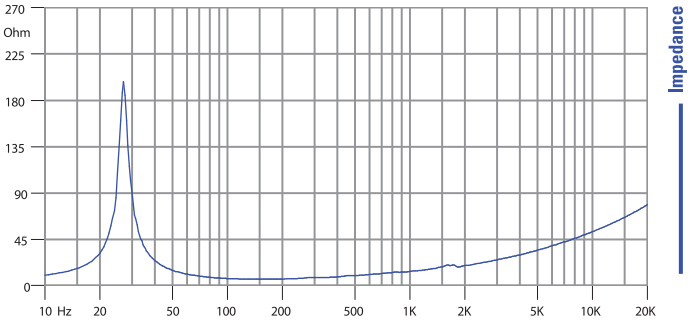
TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
AES Power Handling (1)	600 W
Maximum Power Handling (4)	**1200 W**
Sensitivity (1W/1m)	**98 dB**
Frequency Range	30÷2500 Hz
Voice Coil Diameter	**77 mm (3 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	22 mm (0.87 in)
Magnetic Gap Depth	**10.5 mm (0.41 in)**
Flux Density	1.2 T
Magnet	**Ferrite Ring**
Basket Material	Aluminum
Demodulation	No
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	6.1 dm³ (0.215 ft³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	30 Hz
Re	5.1 Ω
Qes	0.3
Qms	13.6
Qts	0.3
Vas	369.4 dm³ (13.04 ft³)
Sd	1134 cm² (175.8 in²)
Xmax (2)	9.25 mm
Xdamage (3)	21 mm
Mms	139 g
Bl	21 N/A
Le	1.06 mH
Mmd	116.5 g
Cms	0.22 mm/N
Rms	1.92 kg/s
η_o (Eta Zero)	3.2 %
EBP	100 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