



# HF140

1.4" - 70 W - 109 dB

## NOMINAL SPECIFICATIONS

Throat Diameter	35.6 mm (1.4 in)
Overall Diameter	130.5 mm (5.14 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	62 mm (2.44 in)
<b>Net Weight</b>	<b>2.9 kg (6.4 lb)</b>
Shipping Box	185 x 170 x 122 mm
(Single Carton Box)	(7.3 x 6.7 x 4.8 in)
Shipping Weight	3.1 kg (6.8 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	9.4 Ω
<b>AES Power above 0.9 kHz (1)</b>	<b>70 W</b>
AES Power above 0.65 kHz (1)	50 W
<b>Maximum Power above 0.9 kHz (2)</b>	<b>140 W</b>
Maximum Power above 0.65 kHz (2)	100 W
Minimum Crossover Frequency (3)	0.9 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>109 dB</b>
Frequency Range	0.5 ÷ 18 kHz
<b>Voice Coil Diameter</b>	<b>74 mm (2.91 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Titanium</b>
Diaphragm Shape	Dome
Winding Depth	2.45 mm (0.10 in)
Magnetic Gap Depth	2.8 mm (0.11 in)
Flux Density	1.8 T
<b>Magnet</b>	<b>Neodymium Slug Crown</b>
Re	8.2 Ω
Phase Plug Design	Annular
NET Air Volume filled by HF Driver	0.7 dm <sup>3</sup> (0.025 ft <sup>3</sup> )

**NOTE:** Driver Mounted on FaitalPRO LTH142 horn

(1) 2 Hours Test According to AES 2-1984 Rev. 2003

(2) Maximum power is defined as 3 dB greater than nominal power.

(3) 12 dB/oct or higher slope high-pass filter.

(4) Averaged within the frequency range.

