

Type. HF1



Physical Specification



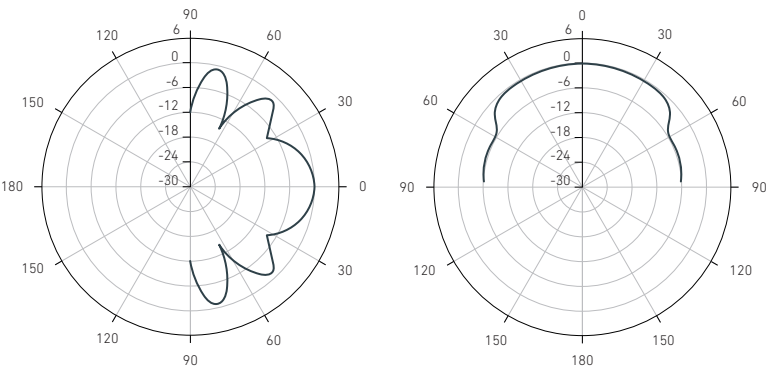
The TPI HF range of loudspeakers represents the very finest audio reproduction systems available. Their exclusive design utilises TPI's aerospace technologies to ensure rigorous playback performance. The HF1 is a 2 way passive reference design, utilising our Elliptic Technology HF Unit and our Forever-Pure 6.5" woofers.

Advanced aerospace-grade composite construction, renders unwanted cabinet resonances inert. Our exclusive phase-beating crossover technology, with zero crossover distortion artifacts allows for a phase coherent listening experience and our custom made reference-quality drive units, are hand matched and paired, to remove any possibility of discrepancy.

Partnered perfectly with the TPI PM165 Stereo or PM250 power modules.

Every TPI loudspeaker is tested and certified at the end of it's production in our anechoic chamber, to ensure it meets the required stringent-performance-criteria.

Every TPI product is designed and assembled at our workshops in England to military specifications, thus ensuring a lifetime of unparalleled performance and reliability.



Polar Response (2kHz Sine Reference)

Frequency Response ($\pm 3\text{dB}$)	40Hz - 22kHz freestanding
Power Rating	100 Watts AES 200 Watts Peak
Sensitivity	89dB SPL . 1 Watt @ 1MTR. Max SPL 108dB
Nominal Impedance	4 Ω
Crossover Frequency	5kHz TPI Hybrid Phase Beating System
High Frequency Transducer	1 x Elliptical Dome Tweeter
Midbass Transducer	1 x 6.5" midbass custom paper cone symmetrical drive motor
Acoustic Loading	Resistive line loaded reflex
Enclosure Material	Alumina trihydrate reinforced polymer
Baffle Material	Satin finish multi-ply carbon fibre
Finish	Satin polished - Arctic White, Cosmic (Custom colour options at additional cost)
Input Connector	Mundorf 4mm binding posts
Dimensions (HxWxD)	550mm x 253mm x 318mm [346.4mm inc. binding posts] (21.65" x 9.96" x 12.51" [13.63" inc. binding posts])
Weight	27.4kg (60.40lbs)
Optional Accessories	Class A Active Crossover System, Custom Baffle Finish Options, Aerospace Cable Set

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Measurements

