

Soundtube HP590i-BK 5.25in High Power Coaxial Open-Ceiling Speaker/80W/Black

System Type	5.25-inch, two-way, high-SPL, open-ceiling, ported (33-watt transformer for 25/70.7/100-volt or transformer bypass)
Impedance (nominal) ¹	8 ohms
Sensitivity dB @ 2.83 V/1 m	87.5 dB
Sensitivity dB @ 1 W/1 m?	87.5 dB
Frequency Response {- 3 dB) ³	95 Hz - 22 kHz
Frequency Response (-10 dB) ³	69 Hz-22 kHz
Max. Program Power ¹	160 W
Max. Continuous Power RMS ⁵	80 W
Max. Power SPL @ 1 m ⁶	106.5 dB
Coverage Angle (-6 dB @ 2 kHz)	90°
Coverage Angle (-6 dB @ 10 kHz)	55°
Coverage Angle (averaged 2-10 kHz)	85°
Directivity Factor (Q)	5.5 (averaged 100 Hz -10 kHz); 9.1 (2 kHz)
Directivity Index (CH)	5.7 dB (averaged 100 Hz -10 kHz); 9.6 dB (2 kHz)
Tap Selector	Six-position rotary switch with transformer bypass
Transducer - Low frequency Driver	133 mm (5.25 in.) Polypropylene cone, butyl rubber surround
Transducer - High-Frequency Driver	25 mm (1.0 in.) Convex titanium tweeter with tractrix profile horn
Low-Frequency Voice Coil	25.4 mm (1.00 in.)
Crossover Frequency	3.0 kHz
Network Type: Low Pass	N/A
Network Type: High Pass	12 dB per octave, 2nd order
Enclosure Material	Injection molded ABS, glass fiber reinforced
Grille	Steel with powder-coat finish
Inputs	Four-pin, 5.08 mm Euroblock for individual or daisy chain connection
Colors	Black or white
Height	298.2 mm (11.74 in.)
Diameter	245.9 mm (9.68 in.)
Weight	4.3 kg (9.5 lbs.)
Shipping Weight	10.0 kg (22.0 lbs.)
Packaging	Two per box
Included Accessories	Hanging hardware, Euroblock connector and terminal weather boot
Optional Accessories	Surface-mount bracket (AC-RS-SM5)
Regulatory - UL	UL 2239 (hanging cable) approved
Regulatory - CE	Approved
RoHS	Approved