



Specifications: HP82-EZ

Mounting hardware included

Impedance (nominal)¹ Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)¹ In former for 25/70.7/100 Volt or voice coil direct) Impedance (nominal)² In former for 25/70.7/100 Volt or voice coil direct) In former for 25/70.7/100 Volt or voice coil direct) In former for 25/70.7/100 Volt or voice coil direct) In former for 25/70.7/100 Volt or voice coil direct) In former for 25/70.7/100 Volt or voice coil direct) In former for 25/70.7/100 Volt or voice coil direct) In former for 25/70.7/100 Volt Bab Pack In former Safety Bab Pack Bab	System Type	8.0" Coax, open-ceiling, high SPL, ported (64 Watt trans-		
Sensitivity dB @ 2.83 V/1 m Sensitivity dB @ 1 W/1 m² 93.0 dB Frequency Response (- 3 dB)³ 110 Hz - 22 kHz Frequency Response (- 10 dB)³ 80 Hz - 22 kHz Max. Program Power⁴ 128 W Max. Continuous Power RMS⁵ 64 W Max. Power SPL @ 1 m⁶ 111.0 dB Tap Selector 6 Position rotary switch with transformer bypass Transducer - Low Frequency Driver 203 mm (8.0 in.) Treated paper cone, cloth surround Transducer- High Frequency Driver 35mm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved		former for 25/70.7/100 Volt or voice coil direct)		
Sensitivity dB @ 1 W/1 m² 93.0 dB Frequency Response (- 3 dB)³ 110 Hz - 22 kHz Frequency Response (- 10 dB)³ 80 Hz - 22 kHz Max. Program Power⁴ 128 W Max. Continuous Power RMS⁵ 64 W Max. Power SPL @ 1 m⁶ 111.0 dB Tap Selector 6 Position rotary switch with transformer bypass Transducer - Low Frequency Driver 203 mm (8.0 in.) Treated paper cone, cloth surround Transducer- High Frequency Driver 35mm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved	Impedance (nominal) ¹	16 ohm		
Frequency Response (- 3 dB) ³ Frequency Response (- 10 dB) ³ Max. Program Power ⁴ 128 W Max. Continuous Power RMS ⁵ 64 W Max. Power SPL @ 1 m ⁶ 111.0 dB Tap Selector 6 Position rotary switch with transformer bypass Transducer - Low Frequency Driver 203 mm (8.0 in.) Treated paper cone, cloth surround Transducer- High Frequency Driver 35mm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved	Sensitivity dB @ 2.83 V/1 m	90.0 dB		
Frequency Response (- 10 dB) ³ Max. Program Power ⁴ Max. Continuous Power RMS ⁵ Max. Power SPL @ 1 m ⁶ Tap Selector Transducer - Low Frequency Driver Transducer- High Frequency Driver Low Frequency Voice Coil Crossover Frequency Network Type: Low Pass IsdB per octave, 2nd order Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.38) in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Ingeulatory - UL Regulatory - UL Regulatory - CE Max. Pover Prover 128 W 80 Hz - 22 kHz 111.0 dB 64 W 8111.0 dB 64 W 80 H 80 H 80 Hz - 22 kHz 80 H 80 H 80 H 80 Hz - 22 kHz 80 H 80 H 80 H 80 HZ - 22 kHz 80 H 80 H	Sensitivity dB @ 1 W/1 m ²	93.0 dB		
Max. Program Power⁴ 128 W Max. Continuous Power RMS⁵ 64 W Max. Power SPL @ 1 m⁶ 111.0 dB Tap Selector 6 Position rotary switch with transformer bypass Transducer - Low Frequency Driver 203 mm (8.0 in.) Treated paper cone, cloth surround Transducer- High Frequency Driver 35mm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Approved	Frequency Response (- 3 dB) ³	110 Hz - 22 kHz		
Max. Continuous Power RMS ⁵ Max. Power SPL @ 1 m ⁶ Tap Selector Fransducer - Low Frequency Driver Transducer- High Frequency Driver Low Frequency Voice Coil Crossover Frequency Network Type: Low Pass Enclosure Material Inputs A position ceramic terminal connector Colors Black or white (paintable) Height Diameter Black or white (paintable) Black or white (paintable) Weight 6.35 kg (14 lbs.) Shipping Weight Packaging Included Accessories N/A Regulatory - UL Regulatory - CE Position rotary switch with transformer bypass 111.0 dB 6 Position rotary switch with transformer bypass 203 mm (8.0 in.) Treated paper cone, cloth surround 1.38 in.) titanium compression driver with waveguide 204 mm (1.38 in.) titanium compression driver with waveguide 25 kHz Newer Coale dapper coale, 2nd order 18dB per octave, 2nd order 18dB per octave, 3rd order Injection molded ABS, glass fiber reinforced Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved	Frequency Response (- 10 dB) ³	80 Hz - 22 kHz		
Max. Power SPL @ 1 m ⁶ Tap Selector Fransducer - Low Frequency Driver Transducer- High Frequency Driver Low Frequency Voice Coil Samm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil Regulatory - UL Regulatory - UL Rosition rotary switch with transformer bypass 111.0 dB 6 Position rotary switch with transformer bypass 6 Position rotary switch with transformer bypass 1203 mm (8.0 in.) Treated paper cone, cloth surround 35mm (1.38 in) titanium compression driver with waveguide 25 kHz Network Type: Low Pass 12dB per octave, 2nd order 18dB per octave, 3rd order 18dB per octave, 3rd order 1njection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved	Max. Program Power ⁴	128 W		
Tap Selector Transducer - Low Frequency Driver Transducer- High Frequency Driver Transducer- High Frequency Driver Low Frequency Voice Coil Samm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil Retwork Type: Low Pass Network Type: High Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories N/A Regulatory - UL Regulatory - UL Regulatory - CE Approved	Max. Continuous Power RMS ⁵	64 W		
Transducer - Low Frequency Driver Transducer- High Frequency Driver Low Frequency Voice Coil Somm (1.38 in) titanium compression driver with waveguide Low Frequency Voice Coil 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved	Max. Power SPL @ 1 m ⁶	111.0 dB		
Transducer- High Frequency Driver Low Frequency Voice Coil 38 mm (1.38 in) titanium compression driver with waveguide 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Tap Selector	6 Position rotary switch with transformer bypass		
Low Frequency Voice Coil 38 mm (1.50 in) Crossover Frequency 2.5 kHz Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Transducer - Low Frequency Driver	203 mm (8.0 in.) Treated paper cone, cloth surround		
Crossover Frequency Network Type: Low Pass 12dB per octave, 2nd order Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved	Transducer- High Frequency Driver	35mm (1.38 in) titanium compression driver with waveguide		
Network Type: Low Pass Network Type: High Pass 18dB per octave, 2nd order Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL Regulatory - CE Approved	Low Frequency Voice Coil	38 mm (1.50 in)		
Network Type: High Pass 18dB per octave, 3rd order Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Crossover Frequency	2.5 kHz		
Enclosure Material Injection molded ABS, glass fiber reinforced Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Network Type: Low Pass	12dB per octave, 2nd order		
Grille Powder coated aluminum Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Network Type: High Pass	18dB per octave, 3rd order		
Inputs 4 position ceramic terminal connector Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Enclosure Material	Injection molded ABS, glass fiber reinforced		
Colors Black or white (paintable) Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Grille	Powder coated aluminum		
Height 327.7 mm (12.9 in.) Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Inputs	4 position ceramic terminal connector		
Diameter 325.9 mm (12.83 in.) Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Colors	Black or white (paintable)		
Weight 6.35 kg (14 lbs.) Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Height	327.7 mm (12.9 in.)		
Shipping Weight 7.5 kg (16.5 lbs.) Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Diameter	325.9 mm (12.83 in.)		
Packaging One per box Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Weight	6.35 kg (14 lbs.)		
Included Accessories Hanging hardware, weather plug, cover plate Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Shipping Weight	7.5 kg (16.5 lbs.)		
Optional Accessories N/A Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Packaging	One per box		
Regulatory - UL UL 1480 UEAY planned, UL 2239 approved Regulatory - CE Approved	Included Accessories	Hanging hardware, weather plug, cover plate		
Regulatory - CE Approved	Optional Accessories	N/A		
	Regulatory - UL	UL 1480 UEAY planned, UL 2239 approved		
RoHS Approved	Regulatory - CE	Approved		
	RoHS	Approved		

Transformer Taps

- Impedance listed per IEC 60268-5
- 1 W 1 m sensitivity determined using nominal
- Frequency response measured in half or full space as dictated by speaker mounting configuration
- 4 Max program power is 3 dB above max continuous power
- Continuous power rating, EIA-426-B test
- 6 Max output based on max continuous power

70.7 V	Output	100 V	Output	25 V	Output
64 W	111.0 dB	64 W	111.0 dB	8 W	102.0 dB
32 W	108.0 dB	32 W	108.0 dB	4 W	99.0 dB
16 W	105.0 dB	16 W	105.0 dB	2 W	96.0 dB
8 W	102.0 dB	8 W	102.0 dB	1.0 W	93.0 dB
4 W	99.0 dB				

Key Features

- One 8.0 inch (203 mm) high power coaxial driver with BroadBeamHP™ compression driver technology for long throw and smooth directivity.
- Weatherized components for indoor and outdoor applications.
- · Includes hanging hardware with galvanized steel cables and hanging bracket for fast, easy and secure installation. Unit may be hung or mounted direct-toconduit via locking cover plate.
- Enclosure constructed of injection molded ABS with glass fiber reinforcement for lasting durability in indoor or outdoor applications.
- 16 ohm impedance for easy daisy chaining in low voltage systems.
- Aluminum grille with protective powder coated finish.
- Built-in thermal fuse.
- Unit ships in eco-friendly, recyclable packaging.
- UL 1480 UEAY planned, UL 2239 approved.
- High-quality black or white paint finish. Speaker is paintable.
- Included accessories: hanging hardware, terminal weather boot, cover plate.

Description

The HP82-EZ is a 8.0-inch, coaxial speaker designed for long throw openceiling applications. Hanging hardware is included and features built in hanging bracket and screw on cover plate for fast, easy and secure installation. The unit may be mounted direct-to-conduit via the locking cover plate (see installation instructions for additional information). The HP82-EZ speaker incorporates 4 position ceramic terminal block input connector and a 6 position tap switch with transformer bypass position.

Applications

Designed for high ceiling applications, the HP82-EZ offers superior off-axis performance and easy installation, along with attractive styling in an economical speakers for open-ceiling uses. The HP82-EZ includes hanging cables and a built in mounting plate for suspending the speaker and a threaded opening on top.



of its cover plate for direct-to-conduit mounting. Cost-effective engineering with high-performance sound makes the HP82-EZ speaker ideal for music and paging applications in retail, grocery stores, restaurants, hotels, casinos, museums, trade shows and conference rooms. For applications where additional bass is required, SoundTube's RS1001i-II-T 10-inch subwoofer may be used.

Patented SoundTube **Technologies**

SoundTube Entertainment and MSE Audio Group constantly develop new technologies that enhance audio product performance. SoundTube Entertainment innovations are protected by multiple U.S. and international patents, which explicitly cover SoundTube dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect SoundTube resellers and end users.

Technical Data and Specification Tools **Technical Data**

SoundTube Entertainment strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at www.soundtube.com.

Technical data and downloads include:

EASETM data – 3-D polar plots.

EASETM Address - 2-D modeling for distributed systems

Autodesk® Revit® software

Tech Sheets - Technical information and architectural specs for system engineers

SoundTubeSPECTM – Proprietary speaker placement software

Data Acquisition and Verification

All data for SoundTube speakers are independently collected from and verified by NWAA Labs (www.nwaalabs. com) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF

and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

Architectural Specifications

The loudspeaker shall consist of one 203 mm (8.0 in.) low frequency driver and one 35mm (1.38in) compression driver. The low frequency voice coil diameter shall be 38.0 mm (1.50 in.).

Performance specifications of a typical production unit shall be as follows: Useable frequency response shall extend from 80 Hz - 22 kHz (-10 dB). Measured sensitivity (2.83-volt input, 1 meter) shall be at least 90.0 dB. The speaker shall have a nominal impedance of 16 ohms. The speaker shall be available for 25-, 70.7- and 100-volt modes and shall include a six-position tap switch with a transformer bypass position. Rated power capacity shall be at least 64 watts continuous (RMS) and conform to EIA-426-B testing. Maximum continuous output at 1 meter shall be 111.0 dB.

The low frequency transducer shall have a treated paper cone with a cloth surround. The high frequency transducer shall be a titanium compression driver with BroadBeam HPTM technology.

Installation shall be by galvanized steel cable attached to the speaker chassis via fixed cable end that interlocks with integrated mounting bracket. The external wiring input connector shall be a four-position ceramic terminal block for low impedence or distributed systems and shall accept from 10 - 22-gauge wire. The system shall be for indoor and outdoor applications and shall have a weather-resistant plug protecting all wire connectors inside the cover plate.

The enclosure shall be constructed of injection-molded ABS. The grille shall be constructed of powder-coated aluminum for lasting performance in the elements. Overall cabinet dimensions shall be no more than 327.7 mm (12.9 in.) in height by 325.9 mm (12.83 in.) in diameter. The unit shall weigh no more than 6.35 kg (14.0 lbs.) and shall include hanging hardware and weather-resistant cover plate plug.

The system shall be the SoundTube HP82-EZ with hanging hardware for both low- and high-impedance applica-

SoundTube Entertainment

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All SoundTube products come with a 5-year limited warranty.



Graphs and Plots

Frequency Response Impedance/Phase

Vertical Beamwidth

Directivity Index (DI)



Polar Plots — Horizontal ----- Vertical

125 Hz 250 Hz 500 Hz 1,000 Hz

2,000 Hz 4,000 Hz 8,000 Hz 10,000 Hz

