

POWERED HOT SPOT

GALAXY AUDIO

ULTRA HIGH POWER ONE-PIECE PA SYSTEM/POWERED MONITOR

POUND FOR POUND THE WORLD'S MOST POWERFUL SOUND SYSTEM

POWERED HOT SPOT MONITOR

The Powered Hot Spot Monitor is a product like no other.

The Powered Hot Spot delivers an ear shattering 100 watts of power! The Powered Hot Spot, like the original Hot Spot, delivers high power, in a small, portable, lightweight design, about the size of a shoe box. The Powered Hot Spot contains one of Galaxy Audio's NEOLITE Neodymium driver. Inside the Powered Hot Spot is a power amp that can deliver 100 watts continuously @ 8 ohms, 150 watts @ 4 ohms. The Class H power supply configuration utilizes four output transistors, a low voltage pair and a high voltage pair. Its low voltage transistors are active with any signal.

When demand on the amp exceeds the low voltage transistors' capabilities, the high voltage transistors kick in and provide additional power.

The result is an amplifier that runs cooler, weighs less, is smaller and more efficient. The Powered Hot Spot contains two inputs, a 1/4" and an XLR, each with its own volume control. Both inputs feature the ability to accept microphone or line level input, which maximizes the signal-to-noise ratio of virtually any input source. Best of all, you don't have to flip a switch to distinguish between microphone or line level, the Powered Hot Spot automatically adjusts itself with our SmartALIC circuitry. Also, the Powered Hot Spot features a 3-band equalizer to allow you to adjust the equalization for optimum sound. As well as the built-in compressor/limiter circuitry controls the amplifier gain, acting like a compressor on transient signal and a "brick wall" limiter on signals that continuously exceed a predetermined limit. This results in an apparent 6 dB increase in SPL without distortion. That's twice the sound pressure! The Powered Hot Spot produces a maximum SPL of 114dB. That's more sound pressure level than most sound systems twice its size! The Powered Hot Spot is constructed of a black fire-retardant styrene with a black cast aluminum faceplate/grille, which is attractive and act as a heat dissipation device. With the Powered Hot Spot containing the lightweight NEOLITE Neodymium driver and a 150 watt power amplifier, it is truly "POUND FOR POUND THE WORLD'S MOST POWERFULL SOUND SYSTEM"!



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SPECIFICATIONS

AMPLIFIER SECTION

Rated Power: 146 watts @ 4 ohms, 100 watts @ 8 ohms

Equalization: Three band center detent

Lo: ± 10 dB peak/dip at 300 Hz

Mid: ± 10 dB peak/dip at 2 kHz

Hi: ± 12 dB shelving at 15 kHz

Frequency response: 200 Hz–20 kHz

Signal-to-Noise Ratio: >95 dB

Total Harmonic Distortion: <0.05% @ 4 ohms, <0.1% @ 8 ohms

Minimum Recommended Load Impedance: 4 ohms

Input Sensitivity for 8 ohm power: 1 VRMS

IHF Damping Factor: >380

Input connections (each with individual volume control): One ¼"

balanced One XLR balanced, with +24 VDC phantom power

Output connections: One ¼-inch speaker level for minimum

8 ohm load. One (post-EQ, post-level) RCA line out

Indicator LEDs: POWER, COMPRESSOR-LIMITER

Power Requirements: 110–125 VAC, 60 Hz, 2 A; 210–295 VAC, 50/60 Hz

Safeguards: Short circuit current limiting. Short circuit foldback limiting. Thermal short circuit protection. Dynamic load line cooling. Turn on/turn off transient suppression

ARCHITECT & ENGINEER SPECIFICATIONS

The PA system shall be a portable integrated unit featuring an amplifier, two-channel mono mixer with phantom power, equalizer, compressor and a single loudspeaker. The amplifier shall be capable of producing 146 continuous watts of power to a 4 ohm load, 100 watts of continuous power to the internal 8 ohm speaker. The mixer section shall include one balanced (differential) input using a 14-inch phone plug connector and one +24 VDC phantom powered balanced (differential) input using an XLR connector. The mixer section shall include two separate sensitivity controls capable of automatically adjusting the gain to handle line, instrument or mic level inputs and a RCA connector capable of line level output. Equalization shall be accomplished via a three band equalizer: ± 10 dB peak/dip at 300 Hz, ± 10 dB peak/dip at 2 kHz, ± 12 dB shelving at 15 kHz. The PA system shall have a 14-inch speaker level output jack capable of driving an 8 ohm load. The internal loudspeaker shall be a Neodymium ferrofluid cooled 5-inch full range driver. Sensitivity measured at 1 watt at 1 meter (1 kHz, octave band) shall be 98 dB. The enclosure shall be constructed of fire retardant styrene with fade-resistant colors. The cabinet finish shall be black with a black cast aluminum bezel. Dimensions shall be 6 inches (152 mm) high, 10.94 inches (278 mm) wide and 6.75 inches (171 mm) deep. The system weight shall be 10.7 lbs (4.9 kg). The PA system shall display UL, CSA and CE agency markings. The PA system shall be the Galaxy Audio CORE PA5X140.

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SPEAKER SECTION

Speaker: One Galaxy Audio S5N-8 ferro fluid cooled 5" NEOLITE Neodymium driver.

Nominal impedance: 8 ohms

Power handling capacity: 100 watts @ 8 ohms

Sensitivity (1 Watt @ 1 meter): 98 dB (1 kHz octave band)

Frequency response: 150 Hz–18 kHz

Maximum SPL @ clip (100 Watts @ 1 meter): 114 dB

SPLOWT: 10.7

Enclosure Materials: Fire retardant styrene

Color: Black case with black cast aluminum grille

Dimensions: 6.75" x 10.94" x 6" (171 mm x 278 mm x 152 mm)

Net weight: 10.7 lbs. (4.9 kg)

Shipping weight: 11.7 lbs. (5.3 kg)



FerroSound
The Solution Is Loud And Clear™

GALAXY AUDIO

MAKERS OF THE ORIGINAL HOT SPOT PERSONAL MONITOR

Specifications subject to change without notice.



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