

POWERED HOT SPOT

PA6S

FULL RANGE PERSONAL PA SYSTEM

Totally NEW Design!

NEW SPEAKER
NEW FEATURES
FULL RANGE SOUND
LIGHTER WEIGHT
MORE POWER
INTEGRAL HANDLE



**ULTRA HIGH POWER
ONE-PIECE PA SYSTEM/POWERED MONITOR**

POUND FOR POUND THE WORLD'S MOST POWERFUL SOUND SYSTEM



MAKERS OF THE ORIGINAL
HOT SPOT PERSONAL MONITOR

Microphone, Mic boom and Mic Stand sold separately.

PA6S

FULL RANGE PERSONAL PA SYSTEM

PA6S Compact PA System

Over 30 years ago Galaxy Audio pioneered the small PA/personal monitor category with the innovative product called the HOT SPOT. Through the years we've offered groundbreaking designs in both powered and unpowered models. The all new, redesigned Galaxy Audio PA6S is the newest powered model in the Hot Spot line since 1998.

While the PA6S has been redesigned from the ground up, we have kept the basics. The newly designed outer shell has kept the distinctive shape of the original Hot Spot,

"features a 170 watt power amplifier, two way speaker system"

but with a 21st Century look. The cabinet now uses two specially designed speaker components, the new 155 watt NEOLITE 6.5" Woofer and our highly efficient 1.5" 60 watt Tweeter.

PA6S features

- 170 watt power amplifier
- Two way speaker system
- Two XLR $\frac{1}{4}$ " inputs with XLR pass through
- Line input
- Line output
- Three band EQ
- Built in mic stand mount
- Mic boom attachment
- Integral handle
- Built in bracket attachment points for stand or wall mounting (bracket optional)

The PA6S takes full advantage of recent improvements in speaker and amplifier technology, making it the lightest, most powerful, and best sounding compact PA system we've ever offered. New features such as the XLR pass-through on each channel allow independent control of mics without affecting the signal sent to the house PA. A -20dB Pad switch on each XLR input ensures that even the hottest signals will be accepted without overdriving the inputs. An additional 1/8" Line input on Channel 2 will accept stereo or mono signals from sources such as tape or digital media players as well as line level instruments.

The new two-way speaker system gives the PA6S a much wider frequency response than earlier models. This means that full-range music, such as keyboards or backing tracks, will come through with solid bass and crisp highs.

This enhanced frequency response makes the PA6S a great stand-alone PA system for small club gigs as well as lectures and A/V presentations. Plus a simple adjustment of the 3-band EQ can alter the response for singers who love the time-honored accentuated mid-range of the classic Hot Spot vocal monitor. The PA6S gives you the best of both worlds.

NEOLITE 6.5" Woofer

The NEOLITE 6.5" Woofer features a Neodymium magnet mounted on an ABS basket. The high excursion cone and thick surround allow for low frequencies to be produced cleanly. The voice coil gap contains Ferro Fluid to provide advanced cooling and dependability. The NEOLITE 6.5" has a frequency range of 50Hz-8kHz with a sensitivity of 88dB, 1W/1M.



NEOLITE 1.5" Dome Tweeter

The ST1.5 NEOLITE Titanium Dome Tweeter features fluid cooling and a strong neodymium magnet. The great mid-range quality of this driver ensures clear, intelligible vocals. It has the capability of producing 60 watts of screaming mids and highs. This tweeter is coaxially mounted into an integral phasing plug and horn, to provide a smoother response and

even dispersion. The tweeter has a frequency response of 1kHz-20kHz.

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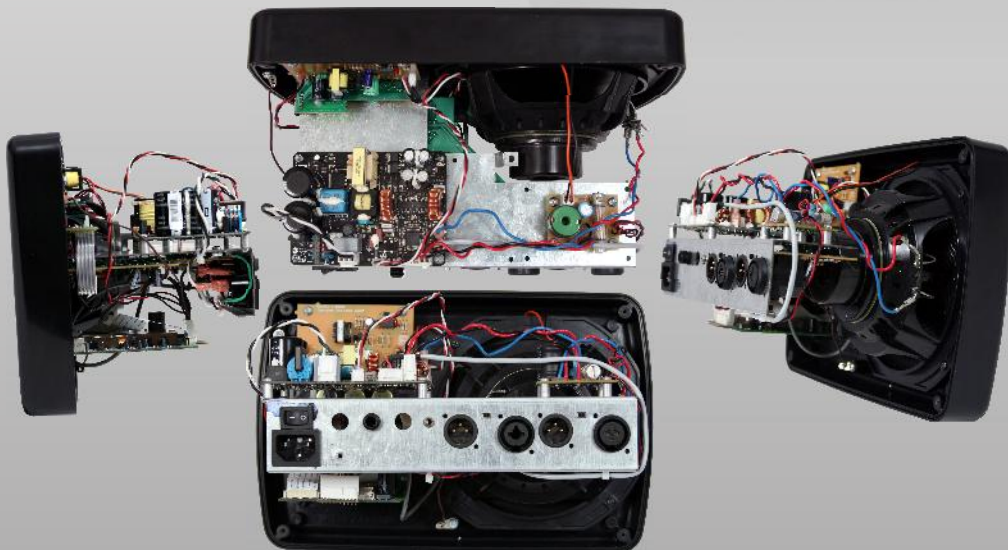
Amplifier/Pre Amp

The PA6S has a built in 170 watt amplifier designed to handle the most demanding audio situations. This high tech Class D amplifier produces plenty of power to cover a wide variety of applications. This design allows the PA6S to function both as a stand-alone PA system and as a high-powered vocal monitor to cut through loud stage volumes. For larger gigs that require more coverage, you may simply patch from the Preamp Output to the main house PA, while using the PA6S as your onstage monitor.

The PA6S also features a built in 18dB Compressor/Limiter circuit with Compressor and Clip LEDs. The Compressor acts to smooth out transient peaks in the signals, thus improving overall sound quality and increasing apparent volume. The Limiter helps protect the woofer and tweeter from being damaged by amplifier distortion. The Clip LED indicates when a reduction in volume is recommended.



The Guts an internal view from multiple angles



1.5" Titanium Dome Tweeter
as mounted from inside the bezel

PA6SR

BUILT IN WIRELESS RECEIVER

Make it a
WIRELESS
Speaker



PA6SR with Wireless Receiver

The PA6SR has all of the great features of the PA6S, plus a built in wireless receiver. The wireless option can be used in many ways:

- 1) With a handheld mic or a body pack transmitter with a headset/lavalier mic. The PA6SR will receive signals from one of the optional transmitters. This is very convenient for performers, teachers, or A/V presentations.
- 2) The receiver option may be used in conjunction with our AS-TXRM table top/rack mount transmitter. This allows a signal to be wirelessly transmitted to the PA6SR from a remote source.



Whether you are transmitting your church service to an overflow or cry room, a DJ needing to get sound in a remote location, transmitting your monitor mix to the stage, or using the receiver to pick up your wireless microphone signal, you will love the convenience of not having to run the extra cable to patch signals.



"Built in wireless receiver"

With over 30 years of building compact PA systems, Galaxy Audio built the PA6S/PA6SR with the user in mind. It is designed

to cover a multitude of applications and provide the power to handle nearly any situation. A new amplifier, new 2 way speaker system, lighter weight, more power output, and great built in features make the PA6S the best sounding, lightest, and most powerful compact PA system on the market.



Rack mount or stand alone Transmitter AS-TXRM



Wireless Handheld AS-TVHH



Wireless Body Pack AS-TVMBP



Mic boom mount

With the integrated mounting points multiple mounting positions can be achieved with the optional yoke bracket.
Yoke Bracket Part # SA-YBRF



Integrated Mic Boom Socket. Mic boom and hardware sold separately.



Optional Mic Boom and Yoke bracket configurations



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SPECIFICATIONS

SPEAKER SECTION

Speaker:

- One SW6.5 ferro fluid cooled 6.5" NEOLITE Neodymium Woofer
- One ST1.5 fluid cooled 1.5" NEOLITE Neodymium Dome Tweeter.

SW6.5

Nominal impedance: 4 ohms

Power handling capacity: 155 watts @ 4 ohms

Frequency Response: 50Hz-8kHz

ST1.5

Nominal impedance: 8 ohms

Power handling capacity: 60 watts @ 8 ohms

Frequency Response: 1kHz-20kHz

ENCLOSURE

Enclosure Materials: Fire retardant styrene

Color: Black

Dimensions: 7.75" x 11.75" x 6.75" (197 mm x 298 mm x 171 mm)

Net weight: 6.4 lbs. (2.9 kg)

Shipping weight: 8 lbs. (3.6 kg) 14" x 9" x 9"

AMPLIFIER SECTION

Rated Power: 170 watts @ 4 ohms

Equalization: Three band center detent

Lo: ± 12 dB peak/dip at 200 Hz

Mid: ± 12 dB peak/dip at 2 kHz

Hi: ± 12 dB shelving at 10 kHz

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

Signal to Noise Ratio: >95dB

Frequency response: 80 Hz-18 kHz

Maximum SPL @ clip: 118 dB

Total Harmonic Distortion: <0.5% @ 4 ohms

Minimum Recommended Load Impedance: 4 ohms

Input connections: Two 1/4" Balanced/Unbalanced Two XLR 24V Phantom PWR One 1/8" Stereo Line In

Output connections: Two XLR Thru Outputs One 1/4" Preamp Output

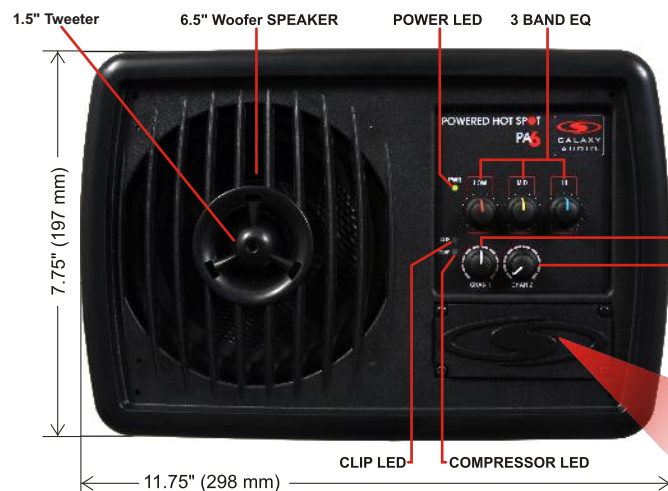
Indicator LEDs: Power, Clip & Compressor

Power Requirements; Domestic: 120 VAC 60Hz

Export: 230VAC 50Hz

Safeguards: Short circuit current limiting. Short circuit foldback limiting. Thermal short circuit protection.

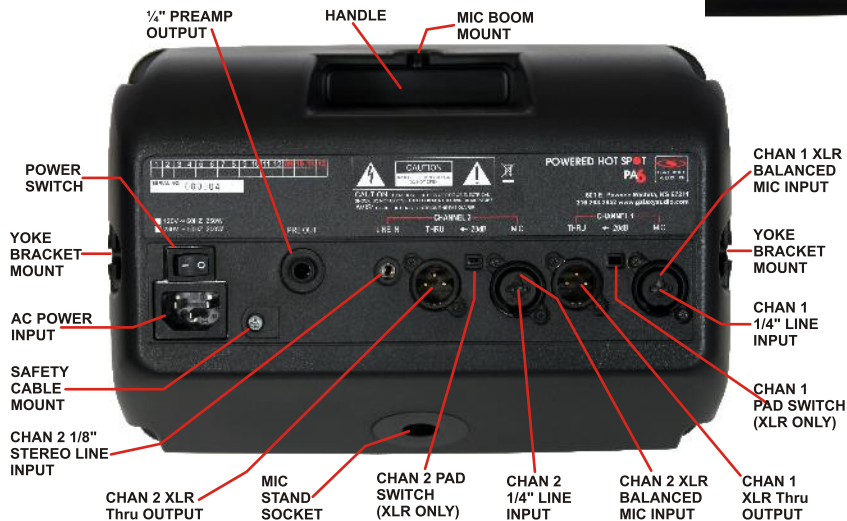
PA6S CONTROLS/INDICATORS and their operation



WEDGE SHAPED DESIGN
ALLOWS THE PA6S TO BE
PLACED ON THE FLOOR
OR ON A KEYBOARD



Optional PA6SR
with Wireless Receiver



**STAND
ADAPTOR
INCLUDED!**

FerroSound
The Solution is Loud And Clear™



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Great Features of the PA6S

- The new design of the PA6S includes the convenient mic stand insert on the bottom of the unit. This allows a quick setup on top of a mic stand, with the PA6S angled upward for accurate vocal monitoring.
- The included mic stand adaptor insures a more stable and secure placement on any mic stand.
- Molded-in yoke bracket points. With the optional yoke bracket assembly the PA6S can be mounted to a wall or ceiling, or attached to a mic stand and angled in any direction.
- Microphone boom mount on top of the PA6S eliminates the need for a second mic stand for your microphone. (Requires optional hardware).
- Integrated handle on top of the enclosure.
- Built in Compressor/Limiter prevents output distortion.
- -20dB pad switches on each XLR input allow high-level signals without distortion.
- 3 band EQ (High, Mid, Low) to adjust the sound to what you want to hear.
- Pass through on each channel acts as a built in splitter to send signals to a mixer, snake or another PA6S.
- Two way speaker system: 6.5" neodymium high power woofer and 1.5" high efficiency Neolite tweeter allows for wider frequency response.
- 170 watt Class D amplifier.
- Lighter weight: Innovative speaker and amplifier designs actually allowed us to reduce the weight of the PA6S from its predecessors, while improving the performance.



Specifications subject to change without notice.

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