

PSE

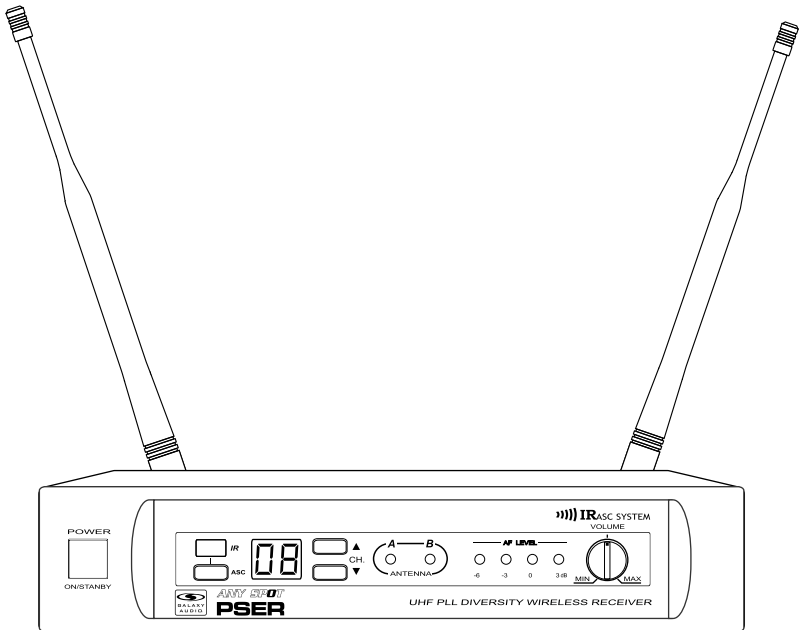
UHF



USER'S MANUAL

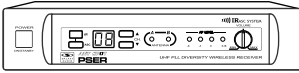
ANY SPOT®

WIRELESS MICROPHONE SYSTEM



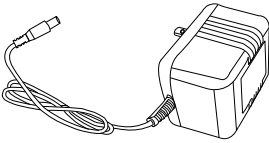
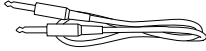
**MAKERS OF THE ORIGINAL
HOT SPOT PERSONAL MONITOR**

System Components



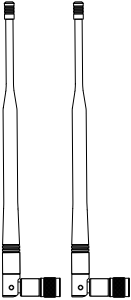
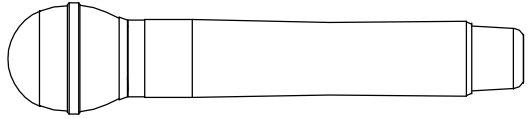
All PSE systems include the following components:

- PSE Receiver
- Two AA Batteries
- One ¼" Audio Cable
- Power Adapter
- Two Antennas
- User Manual



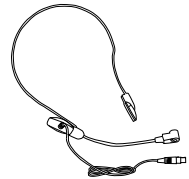
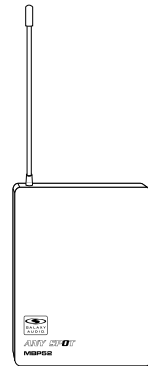
Handheld Microphone Systems include the following:

- HH52 Handheld Transmitter

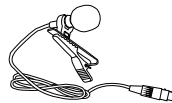


Lavalier/Headset Microphone systems include the following:

- MBP52 Backpack Transmitter
- Microphone (choice of Lavalier, or Headset)



AS-H5



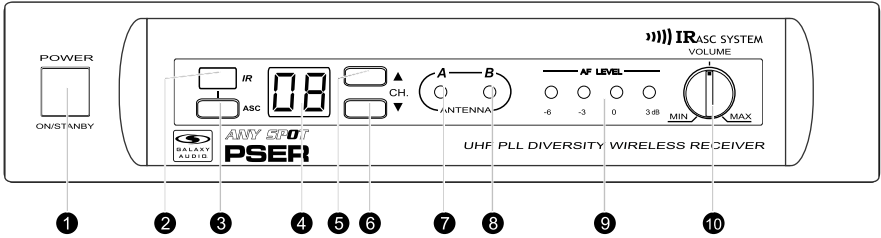
AS-LV



AS-HLC

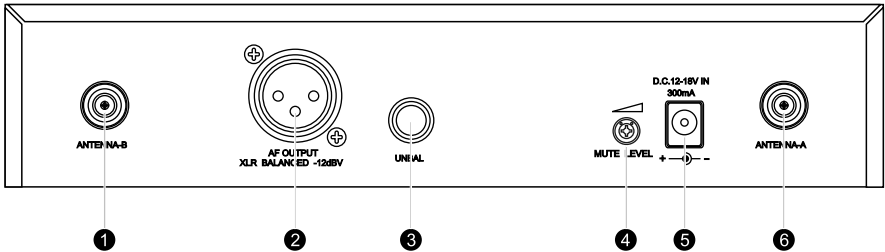
Functions of the PSER Receiver

Front Panel



- 1** Power Switch.
Press and Hold to switch On/Off.
- 2** IR Window.
Unit sends Infrared Signal to the Transmitter through this Window for Frequency Synchronization.
- 3** ASC Synchronizing Signal Transmit Button.
Press this Button to establish Infrared connection between the Receiver and Transmitter.
- 4** Channel Display.
Displays selected Channel.
- 5** Channel Up Button.
Please See "System Setup" on page 5.
- 6** Channel Down Button.
Please See "System Setup" on page 5.
- 7** Antenna A LED.
Indicates Antenna A active when lit.
- 8** Antenna B LED.
Indicates Antenna B active when lit.
- 9** Audio LED. Indicates strength of incoming Audio Signal.
- 10** Audio Output Level Control.
Left turn for Output Level Decrease, right turn for Output Level Increase.

Rear Panel

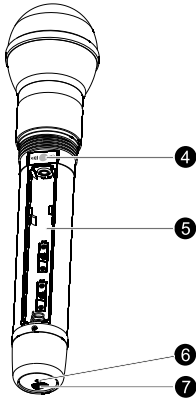
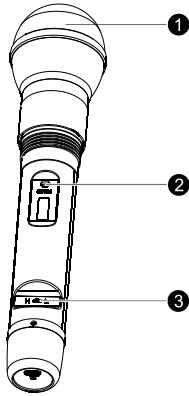


- 1** Antenna Jack A 50? .
- 2** XLR Audio Output.
- 3** 1/4" Audio Output.
- 4** Fine adjustment of Mute Threshold Level.
This is factory set and usually does not need to be adjusted.
If interference signals are present, this Threshold Value can be Increased by turning the knob Clockwise until RF Signal LED goes out.
- 5** Power Adapter Jack.
- 6** Antenna Jack B 50? .

HH52/HH52SC Handheld Transmitter

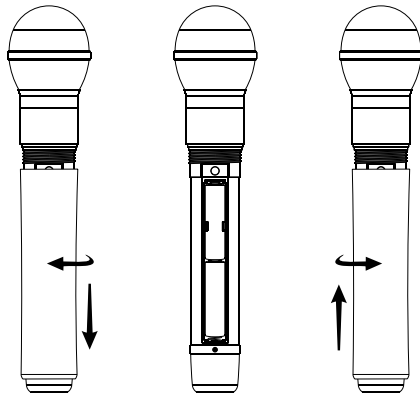
Functions:

- 1 Microphone Head.
- 2 Gain (Sensitivity) Control.
Turn Left to Decrease Sensitivity.
Turn Right to Increase Sensitivity.
- 3 RF Power Level Switch.
H for High Level RF Power.
L for Low Level RF Power.
- 4 IR Window.
Receives Infrared signal to synchronize frequencies
between Receiver and Transmitter.
- 5 Battery Tray.
- 6 Power/ASC/Low Battery Indicator.
Green: Power On.
Flashing Green: IR Transmission in progress.
Red: Batteries Low.
- 7 Power On/Off Switch.



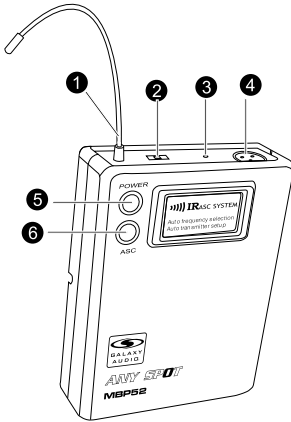
Changing Batteries:

Unscrew cover to access the Battery Tray. Observe correct polarity markings when installing Batteries. Expected life for two alkaline batteries is about 8 hours.

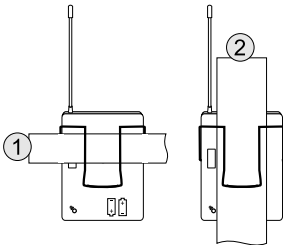
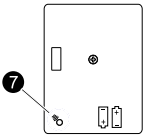


MBP52 Bodypack Transmitter

Functions:

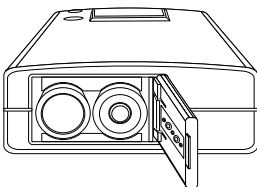


- ❶ Antenna.
- ❷ Input Gain Switch.
There are three Gain settings. Select the setting most suitable to your application.
Mic.: Microphone Level.
0: Guitar Level.
-10dB: Line Level.
- ❸ Power/Low Battery/IR Transmission LED.
Green: Power On, Batteries OK.
Flashing Red: Low Batteries.
Flashing Green: IR transmission in Progress.
- ❹ 3-pin Input Jack.
- ❺ Power Button.
Press and Hold to switch Power On/Off.
- ❻ ASC Automatic Frequency Synchronisation.
Press this button to establish Infrared connection between the Transmitter and Receiver.
- ❼ IR Window.
This window receives the Infrared signal during ASC.



How to Wear the MBP52 Transmitter:

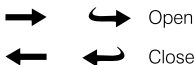
Slide the transmitter clip onto the belt ❶, or run a guitar strap through the transmitter clip ❷, as shown in the diagram at left.



Battery Replacement:

Slide open the Battery Door as shown. Install Batteries while observing correct polarity markings.

The life expectancy of two alkaline batteries is about 8 hours.





PSE Receiver Setup:

Group and Channel Selection

Press Channel UP or Channel DOWN buttons to select desired Channel. For best results when operating multiple systems, set every channel to achieve the maximum distance between channels.

Receiver Volume Control:

Turn Left for Output Level decrease, turn Right for Output Level increase.

Mute Level Threshold Adjustment:

The Mute Level is factory set and normally needs no adjustment. However, you may turn clockwise if interference is present.

Automatic Transmitter Setup (ASC):

Remove the access cover on the Handheld Transmitter. Point the IR Window of the Handheld towards the IR Window on the Receiver and press the ASC button.

Point the MBP52 Bypack IR Window towards the Receiver IR Window, then press the ASC buttons on both the Transmitter and Receiver.

The Receiver transmits sync frequencies for 25 seconds each time you press the "ASC" button.

Whenever the ASC button on the MBP52 is pressed, the synchronizing signal will be transmitted continually for 25 seconds.

Note: when establishing infrared connection between the receiver and the transmitter, the distance between them should not exceed 0.5m. When more than one system are used, only IR window of one transmitter should be pointed to the receiver for each infrared connection.

System

Available Channels: 16
Frequency Range: 655 - 679 MHz
Transmitter Output level: 10 dBm
Band: UHF

Operating Range Under Typical Conditions: 150' (50m)
Note: actual range depends on RF signal absorption, reflection, and interference.

Audio Frequency Response: (+/-3dB)
60Hz~16KHz

Total Harmonic Distortion (+/-30KHz deviation , 1KHz tone): <1%

Dynamic Range: >90dB A-weighted

Operating Temperature Range:
14°F to 122°F (-10° C to +50° C)

Note: battery characteristics may limit this range:

Bodypack Transmitter:

Audio Input Level:
0 dBV to +10dBV

Gain Adjustment Range: 20dB

Input Impedance: 5K Ω

Dimensions: 3.3" x 2.6" x 1"
(85mm H x 65mm W x 24mm D)

Weight: 3.0oz (85 g) (without batteries)

Power Requirements:
2 AA Batteries alkaline or rechargeable batteries

Battery Life:
About 8 hours

Handheld Transmitter:

Max Audio input level: 0dBV

Dimensions: 9.8" x 2.1" dia. (250mm x 53mm dia.)

Weight: 9.5oz (270 g) (without batteries)

Power Requirements: 2 "AA"size alkaline or rechargeable batteries

Battery Life: About 8 hours

Receiver:

Audio Output Level: (+/-30KHz deviation, 1KHz tone)
XLR connector (into 600 Ω load) -12dBV
¼" connector (into 3K Ω load) -18dBV

Output Impedance: XLR connector 200 Ω
¼" connector 1K Ω

XLR output: Impedance balanced
Pin1 : Ground (cable shield)
Pin2 : Audio
Pin3 : No Audio

Sensitivity: -93dBm for 30dB

Image Rejection: >90dB

Dimensions: 1.7" x 8.3" x 6.3"
(44mm H x 212mm W x 160mm D)

Weight: 31oz (880 g)

Power Requirements:
12-18 V dc at 400mA, supplied by external power supply.

LIMITED WARRANTY

A RETURN AUTHORIZATION (RA) NUMBER MUST BE OBTAINED from Galaxy Audio prior to any items being returned to Galaxy Audio for return or repair. Contact customer service @ (800)369-7768.

Galaxy Audio warrants the materials and workmanship of its products as follows:

A limited THREE YEAR Warranty applies to the following products:

1. HOT SPOTS-including HSRG, HSVC, PA5XD & GALACTIC MONITOR PACKAGE
2. MICRO SPOTS-including MSVC, MSPM, MSPA(DC)
3. CRICKET Polarity Test Set
4. JACKS IN THE BOX – including the MULTI MIXER
5. Hot Spot Accessories

A limited ONE YEAR Warranty applies to the following products:

1. CHECKMATE Series-including CM130, CM140, CM150, CM160, CM-C200 and accessories
2. ANY SPOT Series-including AS-1000(R)(T), 500 & 700 SERIES, TOUR GUIDE/TRANSLATOR SYSTEMS, WIRELESS CAMERA KIT
3. ANY SPOT Accessories & Components
4. TRAVELER SERIES-including ANY SPOT TRAVELER, WIRELESS SPEAKERS, WIRED PA SYSTEM PACKAGES, TRAVELER W/ECHO
5. TRAVELER Accessories

The following are not covered by the warranty:

1. Damage to or deterioration of the exterior of the item which occurs after delivery
2. Damage after initial delivery resulting from accident, misuse or neglect
3. Damage resulting from failure to follow instructions contained in the owner's manual
4. Damage resulting from the performance of repairs by someone other than the Galaxy Audio repair department
5. Damage occurring during the shipment or delivery of any Galaxy Audio product to Galaxy Audio after initial delivery of the product to you.
6. Damage to any Galaxy Audio product which has been altered or on which the serial number has been effaced or removed.
7. Damage to or deterioration of the exterior of the item which occurs after delivery

Galaxy Audio does not authorize any third party including any dealer or Service Center to assume any liability on behalf of Galaxy Audio or to make any warranty for Galaxy Audio

DEFECTIVE MERCHANDISE POLICY-WARRANTY

A RETURN AUTHORIZATION (RA) NUMBER MUST BE OBTAINED from Galaxy Audio prior to any items being returned to Galaxy Audio for return or repair. Contact customer service @ (800)369-7768.

The Galaxy Audio warranty policy is to repair and return defective merchandise. Items under warranty may be replaced at no charge if deemed un-repairable by the Galaxy Audio technician. Proof of purchase may be required to verify warranty status. Customer will be responsible for shipping charges to repair facility, repaired product will be returned shipping prepaid by Galaxy Audio. Freight charges will not be reimbursed. Credit for defective warranty merchandise must have authorization from the Galaxy Audio main office before credit will be issued and will be subject to applicable restock and replacement charges. A twenty (20%) restock fee will apply to warranty items returned for credit. The cost of replacement parts to bring the item back to "like new" condition will also be deducted from credit for warranty items

DEFECTIVE MERCHANDISE POLICY-NON WARRANTY

A RETURN AUTHORIZATION (RA) NUMBER MUST BE OBTAINED from Galaxy Audio prior to any items being returned to Galaxy Audio for return or repair. Contact customer service @ (800)369-7768. Repair charges are \$30.00 per hour (no minimum) plus parts. Customer will be responsible for all shipping charges. Prepayment is expected if customer is not set up with open account terms in advance. Discounts are not applicable on repairs. Open account terms for repairs will be Net Thirty (30) days. Some items past the warranty time period may qualify for a standard replacement cost. Please contact Galaxy Audio for more information.



MAKERS OF THE ORIGINAL
HOT SPOT PERSONAL MONITOR

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Please visit galaxyaudio.com for the latest updates

Specifications in this manual are subject to change without notice.

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