

# CK

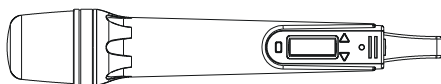


## USER'S MANUAL

# ANY SPOT<sup>®</sup>

## WIRELESS CAMERA KITS

CK-HH, CK-H2, CK-PEN, CK-SBPR, & CK-VBPR



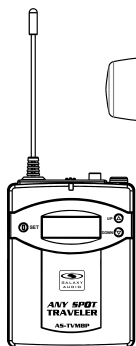
**AS-TVHH**



**AS-TVH2**



**AS-TVBPR**



**AS-TVMBP**



**AS-TVBPT**



MAKERS OF THE ORIGINAL  
HOT SPOT PERSONAL MONITOR



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



### WARNING!

**USING THIS SYSTEM AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE.  
USE AS LOW A VOLUME AS POSSIBLE.**

In order to use this system safely, avoid prolonged listening at excessive sound pressure levels. Please use the following guidelines established by the Occupational Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before hearing damage occurs.


- 90 dB SPL at 8 hours
- 95 dB SPL at 4 hours
- 100 dB SPL at 2 hours
- 105 dB SPL at 1 hour
- 110 dB SPL at ½ hour
- 115 dB SPL at 15 minutes
- 120 dB SPL — avoid or damage may occur

It is difficult to measure the exact Sound Pressure Levels (SPL) present at the eardrum in live applications. In addition to the volume setting on the Personal Monitors, the SPL in the ear is affected by ambient sound from floor wedges or other devices. The isolation provided by the fit of quality earpieces is also an important factor in determining the SPL.

Here are some general tips to follow in the use of this product to protect your ears from damage.

- Turn up the volume control only far enough to hear properly.
- Ringing in the ears may indicate that the gain levels are too high. Try lowering the gain levels.
- Have your ears checked by an audiologist on a regular basis. If you experience wax buildup in your ears, stop using the system until an audiologist has examined your ears.
- Wipe the ear molds with an antiseptic before and after use to avoid infections. Stop using the earphones if they are causing great discomfort or infection.

### ! IMPORTANT SAFETY INSTRUCTIONS !

1. READ these instructions.
2. KEEP these instructions.
3. HEED all warnings.
4. FOLLOW all instructions.
5. DO NOT use this apparatus near water.
6. CLEAN ONLY with dry cloth.
7. DO NOT block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. DO NOT defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. PROTECT the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. ONLY USE attachments/accessories specified by the manufacturer.
12.  USE only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. UNPLUG this apparatus during lightning storms or when unused for long periods of time.
14. REFER all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. DO NOT expose the apparatus to dripping and splashing. DO NOT put objects filled with liquids, such as vases, on the apparatus.
16. Remove the batteries from the receiver if the system will not be used for a long period of time. This will avoid any damage resulting from a defective, leaking battery.
17. DO NOT throw used batteries into a fire. Be sure to dispose of or recycle used batteries in accordance with local waste disposal laws.

### LICENSING INFORMATION

**THIS RADIO EQUIPMENT IS INTENDED FOR USE IN PROFESSIONAL ENTERTAINMENT AND SIMILAR APPLICATIONS.**

Changes or modifications not expressly approved by Galaxy Audio Incorporated could void your authority to operate the equipment.

Licensing of Galaxy Audio wireless microphone equipment is the user's responsibility, and licensability depends on the user's classification and application, and on the selected frequency. Galaxy Audio strongly urges the user to contact the appropriate telecommunications authority concerning proper licensing, and before choosing and ordering frequencies.

**NOTE: THIS EQUIPMENT MAY BE CAPABLE OF OPERATING ON SOME FREQUENCIES NOT AUTHORIZED IN YOUR REGION. PLEASE CONTACT YOUR NATIONAL AUTHORITY TO OBTAIN INFORMATION ON AUTHORIZED FREQUENCIES FOR WIRELESS MICROPHONE PRODUCTS IN YOUR REGION**

**Licensing:** Note that a ministerial license to operate this equipment may be required in certain areas. Consult your national authority for possible requirements.

# ANY SPOT WIRELESS CAMERA SYSTEMS

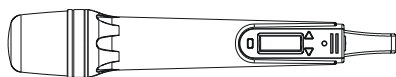
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## CONTENTS:

The following items are included in the Any Spot Wireless Camera system:

- (1) - Transmitter of your choice: AS-TVHH Handheld, AS-TVH2 Handheld, AS-TVBPT Pendant, or AS-TVMBP Bodypack with either a HS-U3BK headset or LV-U3BK lavalier.
- (1) - AS-TVBPR Receiver
- (1) - 1/8" Stereo Record Out Cable
- (1) - Owner's Manual

### Transmitter Choices:



**AS-TVHH**



**AS-TVH2**



**AS-TVMBP**



**AS-TVBPT**

### Receiver:



**AS-TVBPR**



**1/8" Stereo  
Record Cable**

# **GALAXY AUDIO ANY SPOT WIRELESS CAMERA SYSTEMS**

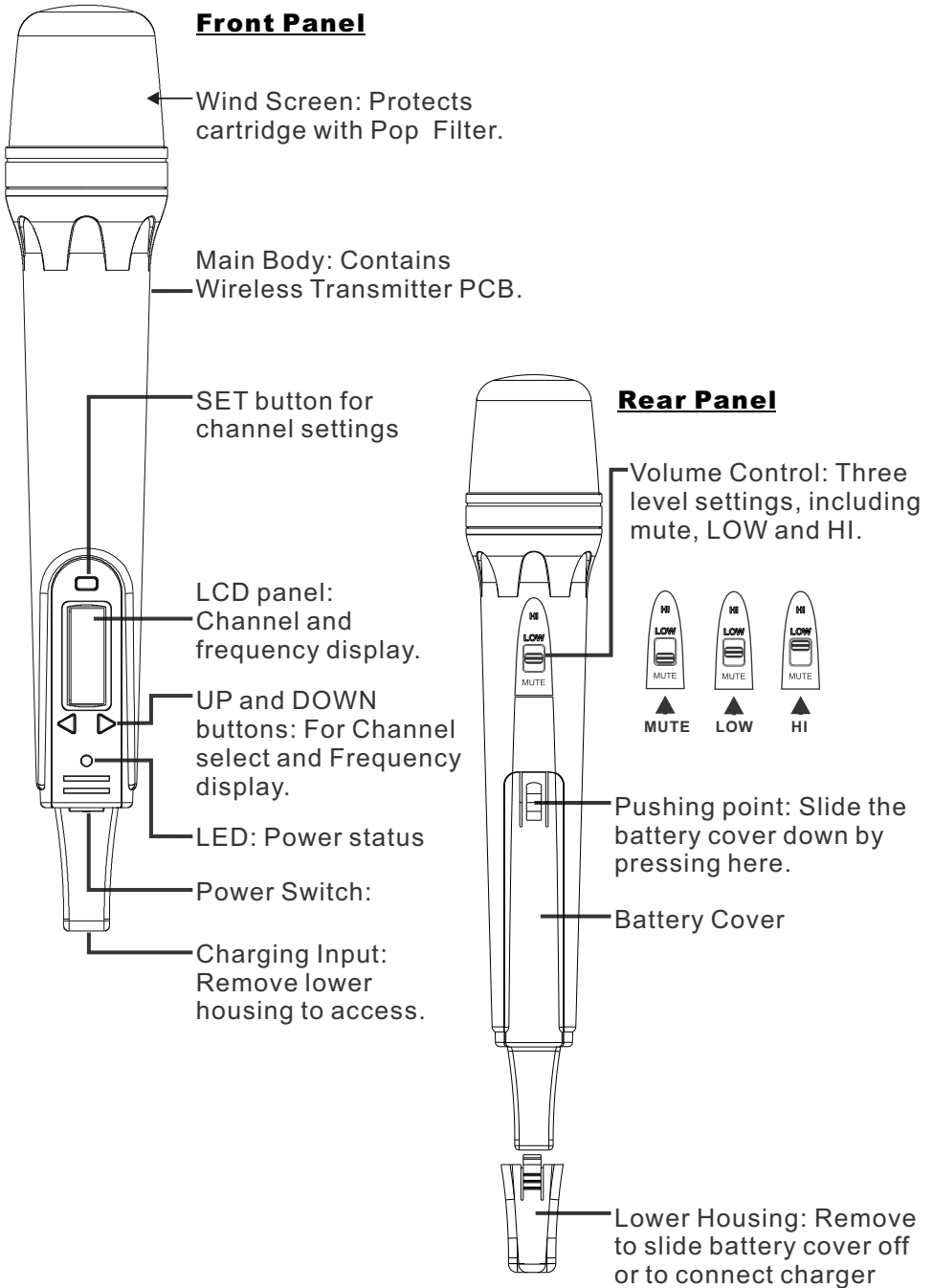
## **Introduction**

Thank you for purchasing the Galaxy Audio Any Spot Camera System! This system operates in the UHF Frequency band and utilizes a Phase Locked Loop (PLL) synthesizer control for improved reception and channel selection. The system provides 96 selectable frequencies making it easy to avoid frequency interference.

Camera Kits are great for field reporting or anytime live audio/video is recorded or transmitted. Kits include: one AS-TVBPR Receiver and one Transmitter of your choice, AS-TVHH Handheld, AS-TVH2 Compact Handheld, AS-TVBPT Pendant, or AS-TVMBP Bodypack with either a HS-U3BK headset or LV-U3BK lavalier. The Receiver can be attached to the camera and features a Stereo Line Output for delivering the audio signal to the camera. The Receiver also features a separate Stereo Headphone Output, with volume control, which allows the camera operator to monitor the audio signal.

Please take a few minutes to read this instruction manual carefully before operating the system.

# Description of Functions for Handheld Microphone AS-TVHH





# Operation of Hand Held Microphone AS-TVHH

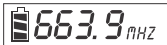
## A. Battery Installation Steps:

1. Turn off the microphone before inserting batteries.
2. Press in the latch to release the lower housing and slide it off.
3. Press in the latch to release the battery cover and slide it down.
4. Insert 2 disposable batteries of 1.5V type or 2 rechargeable batteries of 1.2V type.
5. Observe proper polarity while inserting batteries.
6. Slide the battery cover back to its original position.
7. Install the lower housing back to the lower part of the microphone.


## B. Switch-On Steps:

1. Press the power switch and hold for about two seconds until the LED turns to RED and "on" is displayed in the LCD. 
2. The LCD will then automatically display the selected channel.

 :Channel indicator.

 :Press and hold the Up or Down button to display the corresponding frequency.


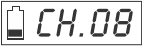
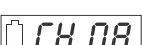
## C. Switch Off steps:

1. Press and hold power switch for about two seconds until the LCD displays OFF. 

## D. Channel/Frequency Settings (with power on):

1. Press the SET button and hold for about 2 seconds.
2. The Channel number display will start flashing.
3. Press the Up button to display a higher numbered channel.
4. Press the Down button to display a lower numbered channel.
5. Press the SET button to activate the selected channel.





## E. LCD Indications:

1.  :Three bars means batteries are fully charged.
2.  :One bar indicates low batteries. Replace or recharge the batteries.
3.  :No bars showing indicates batteries are exhausted and after flashing three times the power will automatically shut off.

## F. Battery Charging Steps:


1. Rechargeable batteries need to be NiMH AA 1.2V with an amperage of 2100mAH or less as the charging function is limited to batteries of that rating.
2. Recharging is best accomplished by using the AS-DCTVHH charger

## 3. Charging status:

- a.  Battery indicator flashing: Non-Rechargeable batteries installed or no batteries installed. Check the batteries.
- b.  Battery indicator is flashing and LCD backlight is on: Failing, corroded, or over-temperature batteries.
- c.  One or two bars showing: Batteries are charging successfully.
- d.  Three bars showing: Batteries have been fully charged.

\* Please note the microphone will be turned off automatically while it is being charged.

## G. Troubleshooting:

1. **LED doesn't light when power switch is pressed to turn on mic.**
  - a. Make sure that the batteries are not discharged.
  - b. Make sure that the batteries are installed correctly.
2. **LCD shows  when power switch is pressed to turn mic off.**
  - a. Press the SET, UP and DOWN buttons at the same time in order to turn the microphone off automatically. The LCD display will flash about ten times and then the microphone will turn off automatically. The microphone should now turn on and off normally.
  - b. If the problem persists, call for service.
3. **LCD panel shows unusual indications.**
  - a. Remove the batteries from the microphone and re-install them.
4. **No audio from microphone.**
  - a. Check that the frequency of the transmitter is the same as that of the receiver.
  - b. Make sure that the Mic switch is not set to Mute.

- c. Check if the distance between the transmitter and the receiver is too great.
- d. Check if the transmitter or the receiver is too close to any large metal objects.

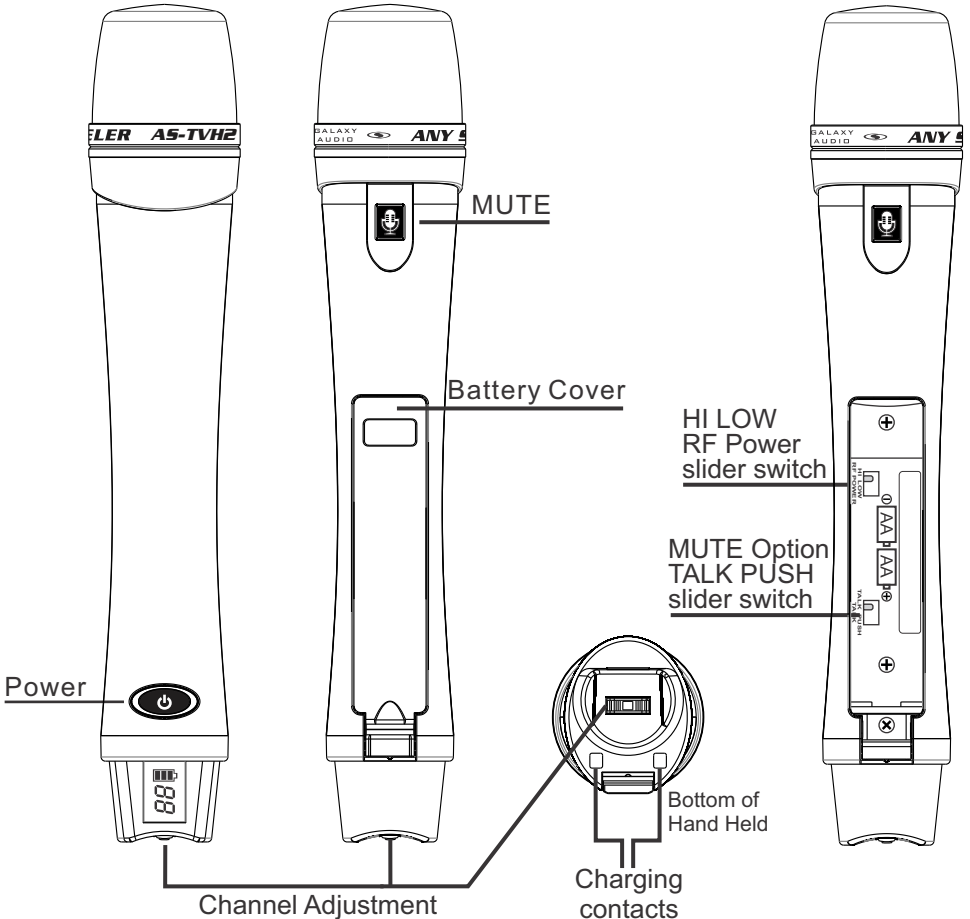
**5. Interference and signal Disturbance.**

- a. Make sure there are no other wireless systems operating on the same frequency in the same area. This includes Microphones, televisions, radio stations, etc. Try setting the transmitter and receiver to a new channel.

**H. Q&A**

- 1. **Q:** How long can the microphone be operated with fully charged batteries?  
**A:** Re-chargeable batteries will last approximately 8 to 10 hours. Disposable batteries will last approximately 13 hours.
- Q:** How much time is required to recharge batteries from a fully exhausted state?  
**A:** Approximately 4 to 5 hours.

**Description of Functions for Handheld Microphone AS-TVH2**






# Operation of Handheld Microphone AS-TVH2

## A. Battery Installation Steps:


1. Turn off the microphone before inserting batteries.
2. Press in the latch to release the battery cover and slide it down.
3. Insert 2 disposable batteries of 1.5V type or 2 rechargeable batteries of 1.2V type.
4. Observe proper polarity while inserting batteries.
5. Slide the battery cover back to its original position.

## B. Switch-On Steps:

1. Press the power switch and hold for about two seconds until the LED turns to Blue and  is displayed in the LCD.
2. The LCD will then automatically display the selected channel.

 :Channel indicator.

## C. Switch Off steps:

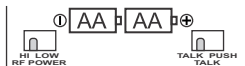
1. Press and hold power switch for about two seconds until the LCD displays .

## D. Channel/Frequency Settings (with power on):

1. Press the Channel adjustment button in and hold for about 3 seconds.
2. The Channel number display will start flashing.
3. Press the Channel adjustment button to the right to display a higher numbered channel.
4. Press the Channel adjustment button to the left to display a lower numbered channel.
5. Press the Channel adjustment button in to activate the selected channel.

## E. Power Settings:

1. Remove battery cover and batteries, the switch is under the batteries.
2. Slide the RF Power switch to the desired position HI for 10mW low for 1mW






## F. Mute options

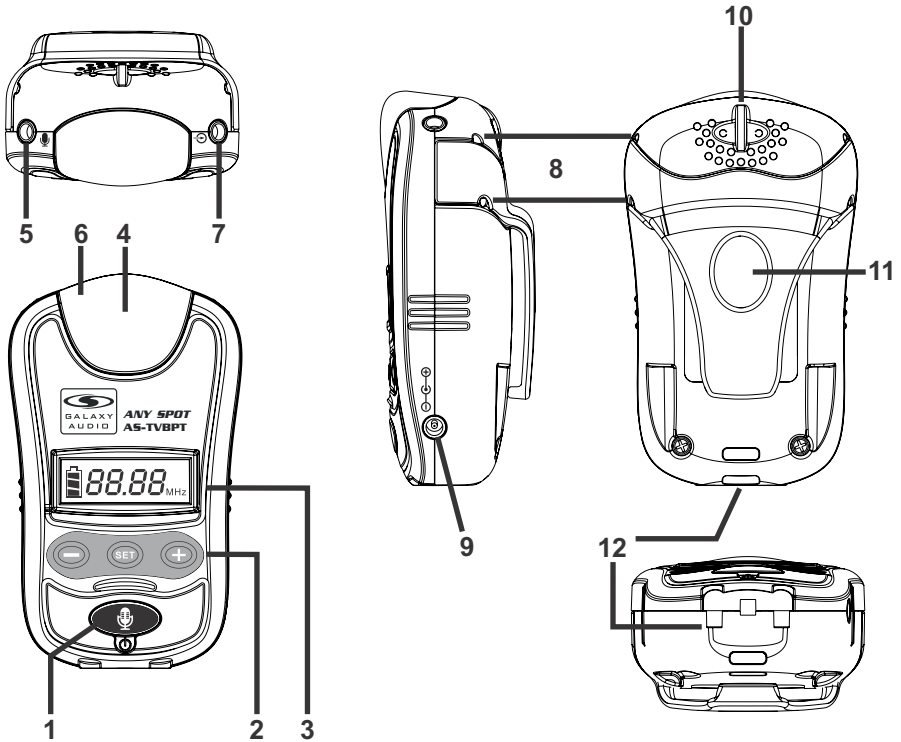
1. Remove battery cover and batteries, the switch is under the batteries.
2. With the switch in the talk position the microphone is on until you press the mute button.

3. With the switch in the Push position the microphone is muted until you press and hold the mute button.
4. In either position, when the mute switch is green the microphone is on, when the mute button is red the microphone is muted.

**F. LCD Indications:**

1.  :Three bars means batteries are fully charged.
2.  :One bar indicates low batteries. Replace or recharge the batteries.
3.  :No bars showing indicates batteries are exhausted and after flashing three times the power will automatically shut off.

**Description of Functions for Body Pack Transmitter AS-TVBPT**





1. POWER / MUTE button
2. Channel / Volume button
3. LCD
4. Mesh Screen Cover (microphone)
5. External mic. Input
6. Charging indicator (built-in)


7. Aux input
8. Strap attachment point
9. DC charging input
10. Strap attachment point
11. Belt clip
12. Charging terminal

# Operation of AS-TVBP Transmitter


## A. Switch-On Steps:

1. Press the power switch and hold for about two seconds until the LED turns to Blue and  is displayed in the LCD.
2.  The LCD will then automatically display the selected channel.


## B: Volume adjust

1.  Press the + button to increase press the – button to decrease. The range is 3 steps

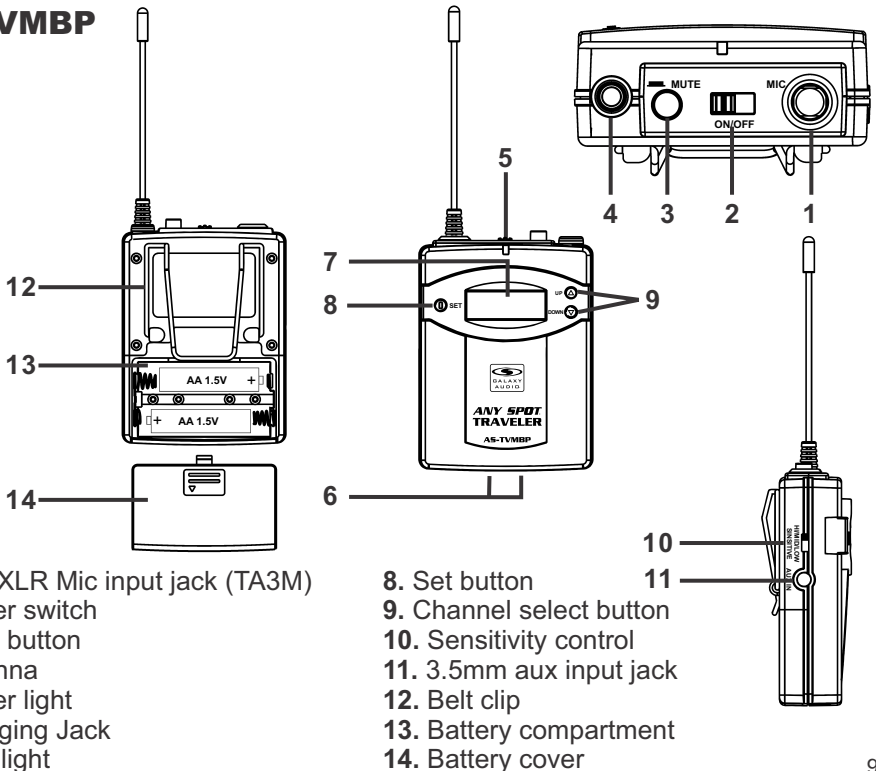
## D. Channel/Frequency Settings (with power on):

1. Press the Set button in and hold for about 3 seconds.
2. The Channel number display will start flashing. 
3. Press the + button to display a higher numbered channel.
4. Press the - button to display a lower numbered channel.
5. Press the set button to activate the selected channel.

## E. Switch Off steps:

1. Press and hold power switch for about two seconds until the LCD displays 

## Description of Functions for Body Pack Transmitter AS-TVMBP



# Operation of AS-TVMBP Body Pack Transmitter

## A. Battery Installation:

1. Switch the transmitter off before inserting batteries.
2. Slide the battery cover off.
3. Insert 2 disposable batteries (1.5V AA) or 2 rechargeable batteries (1.2V AA).
4. Observe correct polarity when inserting batteries.
5. Slide the battery cover back to its original position.

## B. Turning unit on:

1. Switch the power to ON position
2. The RED LED will light and the LCD will display "On".



Battery status and channel will then appear.



If no other operation is performed, LCD light will go off automatically in 5 seconds.

## C. Channel/Frequency Settings:

1. Press and hold the SET button for approximately 2 seconds until the channel number flashes.
2. Release the SET button and the current channel will keep flashing
3. Press the UP or DOWN buttons to select a different channel.
4. When the desired channel is displayed press the SET button again. The display will stop flashing and stay on the channel selected.
5. Press and hold the UP or DOWN buttons to display the frequency associated with the channel number selected.

## D. LCD Indications:

1. Batteries fully charged and channel 08 selected.
2. One bar displayed indicates low-battery. The batteries need to be changed or rechargeable batteries need to be recharged.
3. No bars displayed indicates the batteries are exhausted and after flashing three times, the power will automatically shut off.

## E. Battery Charging Steps:

1. Insure that the batteries are the rechargeable type.
2. Switch Power to OFF position.
3. Insert AS-TVMBP into its own intelligent charger stand (AS-DCTVMBP).
4. Batteries will recharge automatically.
5. For more details of charger stand please refer to AS-DCTVMBP user guide.

## F. Turning the unit OFF:

1. Slide the power switch to the OFF position.

2. LCD display will show "OFF"



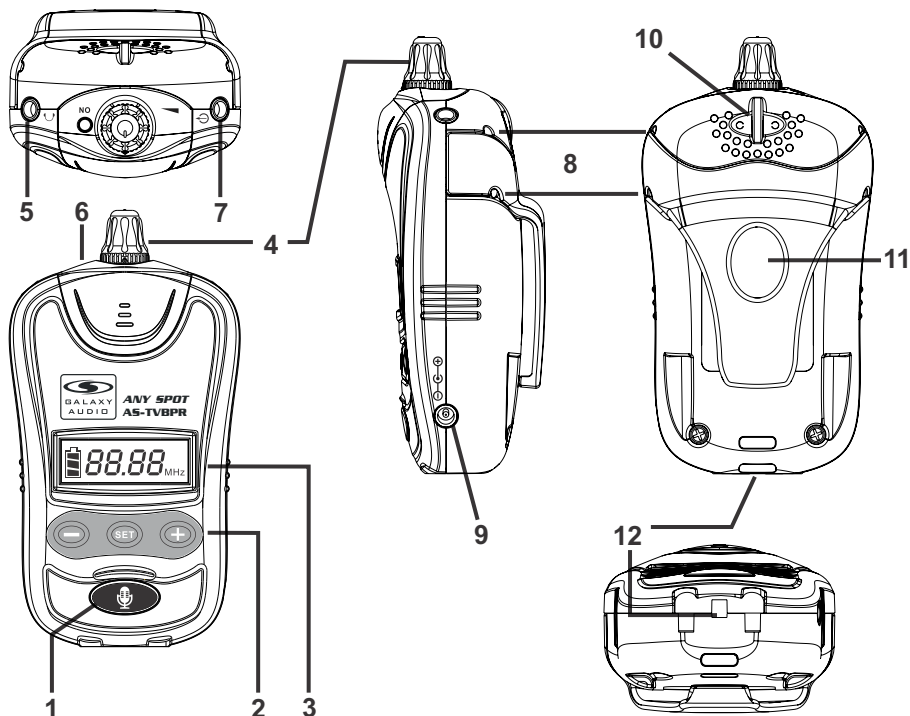
**OFF**

If there is no further operation, the Power LED and LCD will switch off automatically.

## G. Troubleshooting

1. No LCD display when the unit is switched on.
  - a. Make sure the batteries are not discharged.
  - b. Make sure the batteries are installed correctly.
2. LCD shows Err when switched on.
  - a. Switch power OFF, repeat steps for turning unit on.
  - b. If the problem persists, call for service
3. No Audio from Transmitter.
  - a. Check that the Transmitter and Receiver are on the same channel.
  - b. Check if "MUTE" is activated.
  - c. Check if the volume control of the receiver is set to a proper position.
  - d. Check if the Transmitter and Receiver are within the operating distance range.
4. Interference and signal disturbances.
  - a. When two Transmitters are being used, select different frequencies. If voice disturbance still occurs try selecting another channel until interference is gone.
  - b. Make sure there are no other wireless systems operating on the same frequency in the area. This includes other wireless microphones, television or radio stations, etc. Try setting the Transmitter and Receiver to a new channel.



# Description of Functions for Body Pack Receiver AS-TVBP



- |                                  |                            |
|----------------------------------|----------------------------|
| 1. MUTE button                   | 7. Line out                |
| 2. Channel                       | 8. Strap attachment point  |
| 3. LCD                           | 9. DC charging input       |
| 4. Power / Volume button         | 10. Strap attachment point |
| 5. Audio out / Headphone jack    | 11. Belt clip              |
| 6. Charging indicator (built-in) | 12. Charging terminal      |

## Operation of AS-TVBP Body pack Receiver

### A. Switch-On Steps:

1. Turn the power/volume switch clockwise  is displayed in the LCD.
2. The LCD will then automatically display the selected channel. 

### B: Volume adjust

1. Turn the power/volume switch clockwise to increase, turn counter clockwise to decrease.

### C: Mute

1. Press the mute button, it will turn red to indicate mute.

#### **D. Channel/Frequency Settings (with power on):**

1. Press the + button to display a higher numbered channel.
2. Press the - button to display a lower numbered channel.
3. Press the set button to display the frequency.

#### **E. Switch Off steps:**

1. Turn the power/volume control completely counter clockwise until it clicks off.

#### **F. Charging the AS-TVBP and AS-TVBP**

1. These units have permanent rechargeable lithium batteries.
2. Plug the provided charger into the body pack and an AC power source when the battery display shows empty.
3. An optional cradle charger that will charge two body packs at a time is available.

### **CAMERA KIT SETUP PROCEDURE**

**Note:** The word “Transmitter” in this procedure applies to either the AS-TVHH Handheld, AS-TVH2 Handheld, AS-TVBP Pendant, or the AS-TVMBP Body Pack with its connected Microphone.

1. Make sure that both the Transmitter and AS-TVBP Receiver power switches are in the off position before beginning this procedure.
2. Receiver: Attach headphones to the Green headphone jack. Move the power switch to the ON position. The LED indicator should illuminate Red for a few seconds and then go out. If the LED lights up Green, first double check that the Transmitter power switch is in the off position. If the LED remains Green even when the Transmitter is switched OFF, adjust the channel switch until the LED goes out. This will greatly increase the likelihood that the Any Spot system will be functioning on a frequency free from interference.
3. Transmitter: Adjust the channel switch to match the channel setting selected on the AS-TVBP. Move the Transmitter power switch to the ON position. The Red low battery indicator on the Transmitter should flash on and then go out. The LED on the AS-TVBP should now illuminate Green, indicating that it is receiving signal from the Transmitter. If the LED on the AS-TVBP does not turn Green, verify that the Transmitter and AS-TVBP have both been adjusted to the same channel settings. If the AS-TVBP LED still does not turn Green, please try selecting a new group and channel on both the Transmitter and AS-TVBP to avoid any possible interference from outside RF sources. Repeat this until the AS-TVBP LED turns Green.
4. If using the AS-TVMBP Transmitter, verify that the switch on the back of the body pack is set to "Mic". Increase the headphone volume control on the AS-TVBP slowly while speaking into the Microphone and listening to the Headphones. If you are not hearing any audio or just a low level signal, try increasing the Gain control (turn clockwise) on the AS-TVMBP until a proper level is reached. If the audio sounds

distorted, try decreasing the Gain control (turn counter-clockwise) on the AS-TVMBP.

5. Once a frequency has been selected, additional Receivers may be set to the same frequency and audio quality verified.
6. A general rule for any wireless system: Any number of Receivers may be set to the same frequency and used in the same area. However, only one transmitter may be used on a selected frequency in any given area.

## Handheld Microphone (AS-TVHH)

<b>Microphone type</b>	Cardioid dynamic capsule
<b>RF output</b>	10mW
<b>Spurious emission</b>	Less than 250 nW
<b>Display status</b>	LCD indicator displays channel or frequency, battery condition
<b>Channel select</b>	SET, UP, DOWN keys
<b>AF controls</b>	Hi/Low/Mute switch
<b>Battery</b>	1.2 V (Ni-MH 1300 mAh) * 2 AA type rechargeable battery 1.5V * 2 AA Alkaline disposable
<b>Battery life Ni-MH rechargeable</b>	11 hours typical
<b>Battery life Alkaline disposable</b>	14 hours typical
<b>Antenna</b>	Built-in
<b>Dimensions ( Dia x L )</b>	1.8" x 10.4" (46 x 264 mm)
<b>Weight with battery</b>	9.87 oz. (280 g)

## Bodypack Transmitter (AS-TVMBP)

<b>Microphone Type</b>	Headset or Lavalier
<b>RF output</b>	10mW
<b>Spurious emission</b>	Less than 250 nW
<b>Display status</b>	LCD indicator displays channel or frequency, battery life



## Bodypack Transmitter (AS-TVMBP) (continued)

<b>Channel select</b>	SET, UP, DOWN keys
<b>AF controls</b>	Mute switch, Hi/Mid/Low switch
<b>Audio input</b>	Mic in, Aux in
<b>Battery</b>	1.2 V (Ni-MH 1300 mAh) * 2 AA type rechargeable battery 1.5V * 2 AAAAlkaline disposable
<b>Battery life Ni-MH rechargeable</b>	11 hours typical
<b>Battery life Alkaline disposable</b>	14 hours typical
<b>Housing</b>	Aluminium
<b>Dimensions ( D x W x H )</b>	1.04" x 2.52" x 3.48" (27 x 64 x 88 mm)
<b>Weight with battery</b>	4.48 oz. (127 g)

## Handheld Microphone (AS-TVH2)

<b>Microphone type</b>	Uni-Directional Condenser 16.5mm Element
<b>RF output</b>	10mW/1mW
<b>Frequency Response</b>	70Hz-16kHz
<b>Channels</b>	16 or 96
<b>Indicators</b>	Power, Mute/Talk
<b>Display</b>	Back Lit LCD (Channel, 3 bar battery indicator)
<b>Battery</b>	2- AA type (Ni-MH 1600 mAh) Rechargeable battery 1.5V 2- AAAlkaline disposable
<b>Battery life Alkaline disposable</b>	12 to 16 hours typical
<b>Antenna</b>	Built-in
<b>Dimensions ( Dia x L )</b>	1.16" x 7.9" (37 x 200 mm)
<b>Weight with battery</b>	.20 oz. (90.7 g)

## Pendant Transmitter (AS-TVBP)

<b>Oscillation type</b>	PLL Synthesized control OSC
<b>Frequency Range</b>	640~664 MHz
<b>Selectable Frequencies</b>	Pre-programmed 96 switchable frequencies
<b>Microphone</b>	Electrical Condenser
<b>RF Power</b>	Hi: below 10 dBm and Low: $4 \pm 2$ dBm
<b>Max. Modulation</b>	$\pm 80$ kHz, with level limiting
<b>T.H.D</b>	$< 1\%$ @ $f = 1$ kHz, MIC IN = -30 dBv
<b>AUX Modulation level</b>	$7 \pm 0.5$ kHz @level=-20 dBv, $f=1$ kHz. MID
<b>Tone Frequency / Modulation</b>	38 kHz / $2.5 \pm 0.5$ kHz.
<b>S/N</b>	$>60$ dB @ with AS-TVBP, $f = 1$ kHz, MIC IN = -30 dBv
<b>Operating Range</b>	Hi: $> 50$ M, Low: $>30$ M @ with AS-TVBP, Open Field face to face
<b>Frequency Response</b>	Aux 70 Hz ~ 12 kHz Mic 100 Hz ~ 12 kHz Mic 70 Hz ~ 12 kHz
<b>Battery</b>	Li-ion 3.7V 1200 mAh
<b>DC Current</b>	Hi power: $85 \pm 10$ mA; Low Power: $65 \pm 10$ mA @ 3.7 V
<b>Battery life</b>	Hi power up to 12 hours Low power: up to 16 hours
<b>Battery full charge time</b>	3 ~ 4 hours @1200 mAh Type.
<b>MIC / AUX in connector</b>	3.5 mm jack
<b>LCD display</b>	Channel, Frequency, Battery.
<b>Dimensions</b>	88 x 52 x 34 mm
<b>Weight</b>	75 kgs

## Bodypack Receiver (AS-TVBPB)

<b>Model no.</b>	AS-TVBPB
<b>Frequency Range</b>	UHF 640~664 MHz
<b>Adjustable Frequencies</b>	Pre-programmed 96 switchable frequencies
<b>Case</b>	Plastic
<b>Oscillator</b>	PLL synthesized
<b>Receiving Mode</b>	PLL Single channel
<b>Sensitivity</b>	Sinad > 20 dB @ Ear.out:500 mV, RF=-105 dBm, f=1 kHz, Mod=14 kHz.
<b>AUX output level @ 1kΩ</b>	300 mV 2RF=-60 dBm, f=1 kHz, Mod=14 kHz
<b>Ear. output level</b>	1.4V @ VR max., RF=-60 dBm, f=1 kHz, Mod=14 kHz.
<b>Ear. output T.H.D.</b>	<1% @ Ear.out:500mV, RF=-60 dBm, f=1 kHz, Mod=14 kHz.
<b>S/N</b>	>60 dB @ with AS-TVBPB, f=1 kHz, MIC IN = -30 dBv
<b>Frequency Response - Aux</b>	70 Hz ~ 12 kHz @with AS-TVBPB Aux
<b>Frequency Response - Ear.</b>	100 Hz ~ 12 kHz @with AS-TVBPB Mic
<b>Tone Squelch Frequency</b>	38 kHz.
<b>Operating Range</b>	Hi: > 50 M, Low: >30 M
<b>Earphone &amp; AUX out</b>	3.5 mm TRS
<b>Built-in speaker</b>	8 Ω / 1 W
<b>Battery</b>	Li-ion 3.7 V 1200 mAh.
<b>Battery life.</b>	up to 18 hours
<b>Battery full charge time</b>	3 ~ 4 hours
<b>LCD display</b>	Channel, Frequency, Battery
<b>Dimensions</b>	36 x 52.3 x 99 mm (DxWxH)
<b>Weight</b>	100 g

Design and specifications are subjects to be changed without notice.

**HS-U3BK****UNI HEADSET MIC W/ MINI XLR**

omni directional headset (dual ear) can also be used as a lapel microphone, mini XLR plug, works with the AS-TVMBP

**LV-U3BK****UNI LAV/LAPEL MIC W/ MINI XLR**

uni directional lav/lapel microphone, mini XLR plug, works with the AS-TVMBP

**AS-CASEREC****ANY SPOT CAMERA KIT CASE**

Holds body pack receivers, body pack transmitters or handheld microphone, and accessories.

**AS-DCBPTR****DROP-IN DC CHARGER**

Drop in charger for the AS-TVBPR, AS-TVBPT, & AS-TVH2

**AS-DCTVMBP****DROP-IN DC CHARGER**

Drop in charger for the AS-TVMBP



# Any Spot Camera Kit Frequency Chart

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Ch 1	640.100	Ch 25	652.600	Ch 49	641.100	Ch 73	652.300
Ch 2	641.600	Ch 26	654.100	Ch 50	642.600	Ch 74	653.800
Ch 3	643.100	Ch 27	656.000	Ch 51	644.000	Ch 75	655.700
Ch 4	644.500	Ch 28	657.500	Ch 52	645.500	Ch 76	657.200
Ch 5	646.100	Ch 29	658.900	Ch 53	647.100	Ch 77	658.600
Ch 6	647.600	Ch 30	660.400	Ch 54	648.600	Ch 78	660.100
Ch 7	649.100	Ch 31	662.000	Ch 55	650.000	Ch 79	661.700
Ch 8	650.500	Ch 32	663.400	Ch 56	651.500	Ch 80	663.100
Ch 9	651.700	Ch 33	640.400	Ch 57	652.800	Ch 81	641.400
Ch 10	653.300	Ch 34	641.900	Ch 58	654.300	Ch 82	642.900
Ch 11	655.200	Ch 35	643.300	Ch 59	656.200	Ch 83	644.300
Ch 12	656.700	Ch 36	644.800	Ch 60	657.700	Ch 84	645.800
Ch 13	658.200	Ch 37	646.400	Ch 61	659.100	Ch 85	647.400
Ch 14	659.600	Ch 38	647.900	Ch 62	660.600	Ch 86	648.900
Ch 15	661.200	Ch 39	649.300	Ch 63	662.200	Ch 87	650.300
Ch 16	662.700	Ch 40	650.800	Ch 64	663.600	Ch 88	651.900
Ch 17	640.900	Ch 41	652.100	Ch 65	640.600	Ch 89	653.100
Ch 18	642.400	Ch 42	653.600	Ch 66	642.100	Ch 90	654.600
Ch 19	643.800	Ch 43	655.500	Ch 67	643.500	Ch 91	656.500
Ch 20	645.300	Ch 44	657.000	Ch 68	645.000	Ch 92	658.000
Ch 21	646.900	Ch 45	658.400	Ch 69	646.600	Ch 93	659.400
Ch 22	648.400	Ch 46	659.900	Ch 70	648.100	Ch 94	660.900
Ch 23	649.800	Ch 47	661.500	Ch 71	649.500	Ch 95	662.500
Ch 24	651.300	Ch 48	662.900	Ch 72	651.000	Ch 96	663.900

# Certification

**AS-TVBPR:** Approved under the Declaration of Conformity (DoC) provision of FCC Part 15. Meets essential requirements of European Union R&TTE Directive 1999/5/EC, eligible to bear CE marking. Type approved to EN 300 422 -2. Meets requirements of EMC Standard EN 301 489 Parts 1 and 9. This Radio Equipment is intended for use IN MUSICAL PROFESSIONAL ENTERTAINMENT AND SIMILAR APPLICATIONS.

**NOTE:** This Radio apparatus may be capable of operating on some frequencies not authorized in your region. Please contact your national authority to obtain information on authorized frequencies for wireless microphone products in your region

**Licensing:** A ministerial license to operate this equipment may be required in certain areas. Consult your national authority for possible requirements.

**FCC Statement.** The AS-TVBPR Receiver complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device does not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Licensing Statement.** A user license may be required for operation. Contact the communications authority in your country for more information.

**Modifications to Approved Equipment.** Changes or modifications not expressly approved by Galaxy Audio Incorporated could affect compliance with telecommunications standards, thereby voiding the user's authority to operate this product.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or the Galaxy Audio Service Department for help.



MAKERS OF THE ORIGINAL  
HOT SPOT PERSONAL MONITOR



[www.galaxyaudio.com](http://www.galaxyaudio.com)

## **THREE YEAR LIMITED WARRANTY**

WARRANTY Information can be viewed online at  
<http://www.galaxyaudio.com/warranty.php>



[www.galaxyaudio.com/warranty.php](http://www.galaxyaudio.com/warranty.php)

# **ANY SPOT CAMERA KIT**

## **USER'S MANUAL**

Specifications in this manual are subject to change without notice.  
For the most up to date manual and information  
visit [www.galaxyaudio.com](http://www.galaxyaudio.com).

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