

TRAVELER

Wireless Portable Sound Systems

TV8 & TV10

Plus TXRM Stationary Transmitter

USER'S GUIDE



ALL INCLUSIVE BATTERY OPERATED PORTABLE PA SYSTEM

COMPACT, LIGHTWEIGHT, HIGH OUTPUT POWER & CLEAR SOUND



**SUPERIOR SOUND
FOR YOU**



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Introduction

Operating Manual for TV10/TV8 Series

Please visit www.galaxyaudio.com for the latest updates

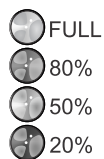
Thank you for purchasing the TV10/TV8 series wireless portable sound systems. These units feature an “all in one” design that allows them to be configured with a variety of different function modules to suit your specific needs. With rich, full sound and plenty of power, the TV10/TV8 series is ideally suited to cover large areas. This manual covers the complete functions and operations of the TV10/TV8 including all optional function modules. It also covers the AS-TXRM Stationary Transmitter, the TVHH Handheld Wireless Mic, and the TVMBP Body Pack Transmitter. To use these systems to their fullest potential please read this manual carefully.

A. Before Using the TV10 & TV8

1. The TV10 and TV8 use a universal AC switching power supply/charger that will operate on voltages of 100~240V, 50/60Hz. The TV10, TV8 power supplies are internal. Verify that the voltage to which you are connecting is in this range and then connect the AC power cord from the Traveler to the wall outlet.
2. Although the batteries are kept on chargers at Galaxy Audio, it is important to fully charge the batteries before the first use. The system should be plugged into AC power for at least 12 hours with the Power Switch Off to ensure a full charge. The system must be fully charged (6-8 hours) after use. Partial charging will dramatically shorten battery life, and the batteries will lose their capacity to hold a charge. If this happens, the system may show they are fully charged, but will only operate the system for a short period of time.

If the system is to be stored for any length of time, it must be fully charged first, and then at a minimum of once a month, plugged in for at least 24 hours. We do recommend leaving the system on an active charger while not in use. The system uses a smart charger and it will keep the battery at an optimal level and ready to go. When charging, the charging indicator lights RED. When charging is almost complete, the indicator will flash alternately RED and GREEN. After the battery is fully charged, the indicator will light GREEN. After the initial charge the Traveler may be operated on either AC or Battery power. When operating on AC power the Traveler will simultaneously recharge its internal batteries.

3. These units have auto protection circuitry that will protect the battery from being overcharged or overused. When running on battery power and the power switch LED blinks RED, the battery power is down to 20%. When the battery is nearly exhausted, the system will turn off automatically to protect the battery. It is very important to recharge the battery as soon as possible. Failure to do so can cause permanent battery failure.



TV10 & TV8

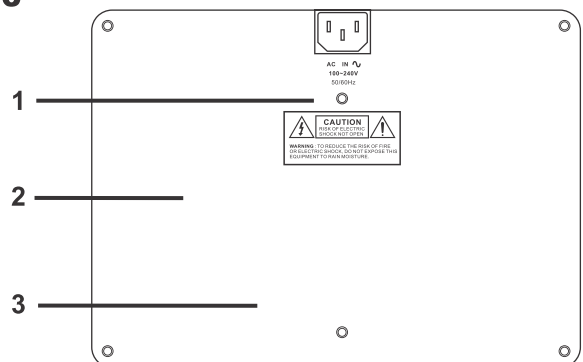
CHARGING FUNCTIONS:

1. Charge indicator will light appropriately to the amount of charge left. (20%, 50%, 80% & FULL)
2. Unit can be permanently left on charge.
3. For maximum battery life, recharge after every use and at least once every 3 months.
4. When in use and battery capacity is < 20% the power switch flashes red.

B. Description of Functions for TV8 & TV10

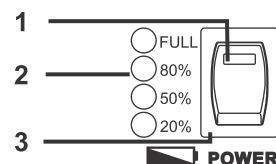
A. Power Supply/Charging Input

1. AC Power Cable Connector
2. Batteries (behind cover)
3. Battery Cover



B. Power Switch and Charge Indicator for TV10 & TV8

1. Power LED
2. Charging Indicator
3. Power On/Off Switch



TV10 Configurations / TV10 Main Control

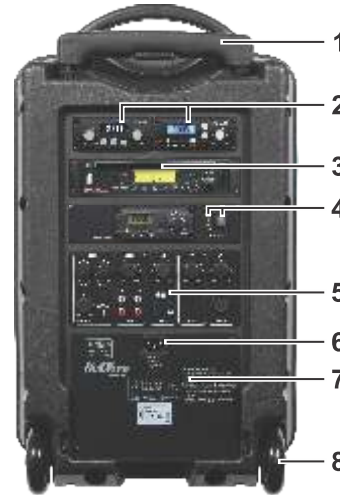


TV10 Front & Rear Panel Configuration

TV10-CT210000 (Part# for unit shown with options)

Front Side

1. Retractable Handle
2. Handle
3. 1" HF Horn Tweeter
4. Port
5. Speaker Grille
6. 10" LF Woofer
7. Heat Sink
8. Wheels

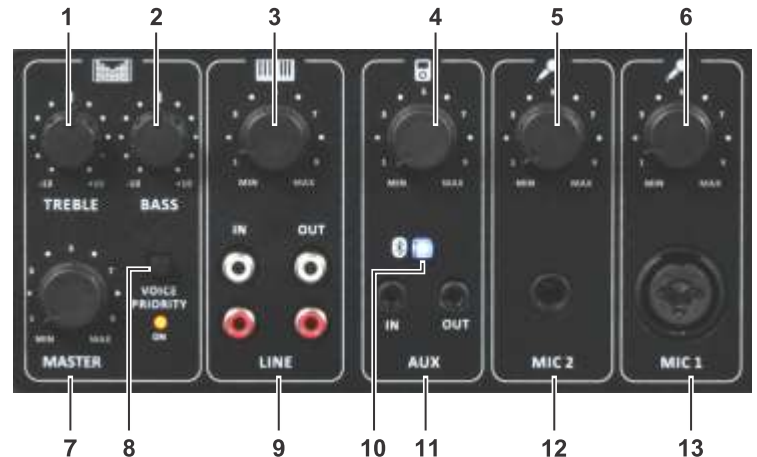


Rear Side

1. Retractable Handle
2. Optional Wireless Receivers
3. Optional CD/MP3 Player
4. Main Power Switch and Charging Indicator (Optional Transmitter module)
5. Main Control Panel
6. AC Power Input
7. Battery Cover
8. Wheels

C. TV10 Main Control Panel

1. TREBLE Control
2. BASS Control
3. LINE IN Volume Control
4. AUX IN Bluetooth® Volume Control
5. MIC2 Volume Control
6. MIC1 Volume Control
7. Main Volume Control
8. VOICE PRIORITY
9. LINE-IN (RCA Phone Jack)
LINE OUT (RCA Phone Jack)
10. BLUETOOTH® Button
11. AUX IN (1/8" Jack)
AUX OUT (1/8" Jack)
12. MIC IN 2 (1/4" Jack)
13. MIC IN 1 (XLR / 1/4" Jack)



C. TV10 Main Control Panel

1. Turn the Treble control (**C-1**) counterclockwise to decrease the treble, and turn clockwise to increase the treble. The center position (straight up) produces a flat response.
2. Turn the Bass control (**C-2**) counterclockwise to decrease the bass, and turn clockwise to increase the bass. The center position (straight up) produces a flat response.
3. Turn the Line In volume control (**C-3**) counterclockwise to decrease Line In volume, and turn clockwise to increase.
4. Turn the Aux In volume control (**C-4**) counterclockwise to decrease Aux In volume, and turn clockwise to increase.
5. Turn the Mic 2 volume control (**C-5**) for wired Mic In jack (**C-12**) counterclockwise to decrease the volume and turn clockwise to increase the volume.
6. Turn the Mic 1 volume control (**C-6**) for wired Mic In jack (**C-13**) counterclockwise to decrease the volume and turn clockwise to increase the volume.
7. Turn Main volume control (**C-7**) counterclockwise to decrease volume for the entire system, and clockwise to increase the system volume.
8. Press the Voice Priority button (**C-8**) to activate or end the microphone priority function.
9. Connect external audio sources, such as CD/MP3 players or iPods to the Line In (**C-9**): RCA jacks. The volume of the Line In is controlled solely by the Line In Volume (**C-3**). Send the entire mix signal to other audio devices, such as recorders, mixers, or power amps by connecting to the Line Out (**C-9**) RCA jacks.
10. The Bluetooth® button (**C-10**) will allow for pairing of a Bluetooth® enabled media device to the speaker. See page 5.
11. Connect with external music sources including CD/MP3/DVD/iPod players etc, using the Aux In 1/8" jack (**C-11**). Connect with external mixed-signal recorder or active speaker system using the Aux Out 1/8" jack (**C-11**).
12. Mic In 2 (**C-12**): 1/4" (6.3mm) phone jack for wired microphones. Volume of this input is controlled by Mic In 2 (**C-5**) and the Main (**C-7**).
13. Mic In 1 (**C-13**): XLR or 1/4" (6.3mm) phone jack for wired microphones. Volume of this input is controlled by Mic In 1 (**C-6**) and the Main (**C-7**).



TV8 Front & Rear Panel Configuration

TV8-CT120000 (Part# for unit shown with options)

Front Side

1. Retractable Handle
2. Handle
3. 1" HF Horn Tweeter
4. Speaker Grille
5. 8" LF Woofer
6. Port
7. Heat Sink
8. Wheels



Rear Side

1. Retractable Handle
2. Optional Wireless Receivers
3. Optional CD/MP3 Player
4. Main Control Panel
5. Power Switch
6. Optional Audio Link Transmitter
7. AC Power Input
8. Battery Cover
9. Wheels

D. TV8 Main Control Panel

1. TREBLE Control
2. BASS Control
3. LINE IN Volume Control
4. AUX IN Bluetooth® Volume Control
5. MIC2 Volume Control
6. MIC1 Volume Control
7. Main Volume Control
8. VOICE PRIORITY
9. LINE-IN (RCA Phone Jack)
LINE OUT (RCA Phone Jack)
10. BLUETOOTH® Button
11. AUX IN (1/8" Jack)
AUX OUT (1/8" Jack)
12. MIC IN 2 (1/4" Jack)
13. MIC IN 1 (XLR / 1/4" Jack)
14. POWER Switch



D. TV8 Main Control Panel

1. Turn the Treble control (**D-1**) counterclockwise to decrease the treble, and turn clockwise to increase the treble. The center position (straight up) produces a flat response.
2. Turn the Bass control (**D-2**) counterclockwise to decrease the bass, and turn clockwise to increase the bass. The center position (straight up) produces a flat response.
3. Turn the Line In volume control (**D-3**) counterclockwise to decrease Line In volume, and turn clockwise to increase.
4. Turn the Aux In volume control (**D-4**) counterclockwise to decrease Aux In volume, and turn clockwise to increase.
5. Turn the Mic 2 volume control (**D-5**) for wired Mic In jack (**D-12**) counterclockwise to decrease the volume and turn clockwise to increase the volume.
6. Turn the Mic 1 volume control (**D-6**) for wired Mic In jack (**D-13**) counterclockwise to decrease the volume and turn clockwise to increase the volume.
7. Turn Main volume control (**D-7**) counterclockwise to decrease volume for the entire system, and clockwise to increase the system volume.
8. Press the Voice Priority button (**D-8**) to activate or end the microphone priority function.
9. Connect external audio sources, such as CD/MP3 players or iPods to the Line In (**D-9**): RCA jacks. The volume of the Line In is controlled solely by the Line In Volume (**D-3**). Send the entire mix signal to other audio devices, such as recorders, mixers, or power amps by connecting to the Line Out (**D-9**) RCA jacks.
10. The Bluetooth® button (**D-10**) will allow for pairing of a Bluetooth® enabled media device to the speaker. See page 5.
11. Connect with external music sources including CD/MP3/DVD/iPod players etc, using the Aux In 1/8" jack (**D-11**). Connect with external mixed-signal recorder or active speaker system using the Aux Out 1/8" jack (**D-11**).
12. Mic In 2 (**D-12**): 1/4" (6.3mm) phone jack for wired microphones. Volume of this input is controlled by Mic In 2 (**D-5**) and the Main (**D-7**).
13. Mic In 1 (**D-13**): XLR or 1/4" (6.3mm) phone jack for wired microphones. Volume of this input is controlled by Mic In 1 (**D-6**) and the Main (**D-7**).
14. Power the system on and off using the Power Switch (**D-14**).

Operation of the TV10 & TV8

Operation of the TV10 & TV8 Portable Sound System

A. Power Supply/Charger (see page 2)

1. There is a universal AC switching power supply/charger built into the system that will operate on voltages of 100~240V, 50/60Hz. Verify that the voltage to which you are connecting is in that range and then connect the AC power cord from the AC IN (A1) to the wall outlet.

B. Power Switch and Charge Indicator (see page 2)

1. Power LED lights constant red under normal operation when power switch is on. Blinking Power LED indicates <20% of battery power remaining.
2. **TV10 & TV8:** When charging, the LED lights will light up appropriately to the charge amount of 20%, 50%, 80% and FULL.

The Universal Power Supply/Battery Charger allows the Traveler to be used anywhere in the world. The Traveler will operate for an unlimited time on AC power and for about 6 hours on just battery power. A full recharge of the batteries takes about 4 hours. The Traveler may be operated while recharging the batteries without affecting the charge time. If a power failure occurs when operating on AC, the Traveler will seamlessly switch over to battery power.

TV10 & TV8 Battery Replacement Instructions on Page 26.

Guide for TV10 & TV8 Bluetooth® Connection



E. Guide for TV10 & TV8 Bluetooth® Connection

Turn On and Off:

Press and hold Bluetooth® button for approximately 2 seconds to activate the Bluetooth® function. Press and hold Bluetooth® button for approximately 2 seconds again, to turn the Bluetooth® function off.



Bluetooth® Pairing:

1. The button will flash Blue as a sign that the device is in pairing mode.
2. Activate the Bluetooth® connection on your smartphone or any Bluetooth® device you are using.
3. Find the device name "Galaxy Traveler" on the pairing list to connect your device.
4. When the pairing is successful, it will emit a prompt tone again and the blue indicator light will be illuminated.
5. You are ready to stream audio from your device.

Caution:

1. If a phone call is incoming during media play, the audio stream will be interrupted for the user to take the call the phone conversation is not transmitted over the PA but the music or media will pause. When the call is finished, the Bluetooth® module will automatically re-link and audio files will continue play from when they were interrupted.
2. The Bluetooth® connection can be lost when the device gets out of range of the TV10/TV8. When this happens it may automatically re-link when back in range, or it may have to be manually reset. This is dependant on the device and it's operating system. Typical range is $\leq 30'$.

F. Audio Link Transmitter Module

(AS-TVTX for TV10)
(AS-TV8TX for TV8)

1. LCD Display
2. TX Indicator
3. Low Audio Level Indicator
4. High Audio Level Indicator
5. Enter Setting
6. Channel Selector
7. Power Switch and Volume Control



F. Audio Link Transmitter (AS-TVTX/AS-TV8TX)

This module transmits the entire audio mix from one Traveler to another Traveler that is equipped with a wireless Mic/Audio Link Receiver.

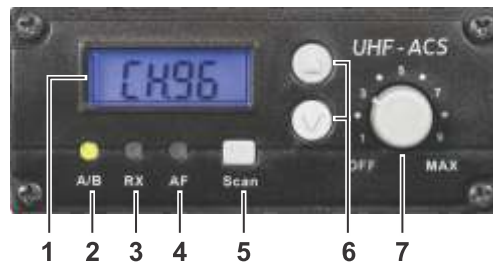
1. Turn the volume control (**F-7**) clockwise to turn on the transmitter.
2. The LCD display (**F-1**) will show "On" and the channel in use when the unit was last turned off.
3. To select a different channel, press the set button (**F-5**) and the channel will flash in the LCD display. Press the up or down button (**F-6**) to select the transmit channel, and then press the set button again to enter the setting. The LCD will then automatically display the selected channel. To display the frequency of the selected channel press and hold either the up or down button.
4. Turn the volume control (**F-7**) to adjust the audio transmit level. Use this control in conjunction with the volume controls on the receiving Traveler.
5. When transmitting signal, the TX indicator (**F-2**) will light Green to show the transmitting condition. The AF Level indicator lights Yellow (**F-3**) to show a low audio level and lights Red (**F-4**) to show high audio level.
6. Set up the receiving Traveler according to the procedure outlined in: section (**G**) below. Wireless Mic/Audio Link Receiver Select the same channel chosen on the transmitting Traveler.

Wireless Single Mic Receiver Module

G. Wireless Microphone/Audio Link Receiver

(TV-REC for TV10) &
(TV5-REC for TV8)

1. LCD Display
2. A/B Diversity Indicator
3. RF Indicator
4. AF Level Indicator
5. Channel Scan
6. Channel Selector
7. Receiver Power Switch & Mic. Volume



G. Wireless Mic/Audio Link Receiver (TV-REC/TV5-REC)

This system may include one or two receivers with selectable PLL 96 channel operation. These modules receive signals from wireless Mics or from another Traveler equipped with an Audio Link Transmitter.

1. Turn the volume control (**G-7**) clockwise to turn on the receiver.
2. The LCD display (**G-1**) will show "On" and the channel that was last in use when the unit was turned off.
3. To select the next clear channel, press the scan (**G-5**) button. The LCD display (**G-1**) will show "Scan" and the RX (**G-3**) will flash before moving to the next channel.
4. To manually select a channel, press and hold the up or down (**G-6**) button for 1 second until channel number is blinking. Press the up or down (**G-6**) button until the LCD display (**G-1**) shows the channel desired. Stop pressing the button once you have the channel you want. The selected channel number will be confirmed in 1 second if no other adjustment is made.
5. Adjust the volume control (**G-7**) to the desired level.
6. When receiving signal, the A/B diversity indicator (**G-2**) will light RED (A) or GREEN (B) to show the normal condition. The RF indicator (**G-3**) will light to show RF received and the AF indicator (**G-4**) will show audio received.

Note: When you have more than 1 receiver, complete the channel setup in one receiver first and then set up the second receiver.

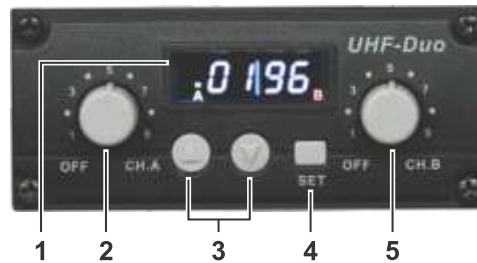
Note: Be sure to use a different channel for each receiver.

Wireless Dual Mic Receiver Module

H. Dual Receiver

(TV-DREC for TV10) &
(TV5-DREC for TV8)

1. LCD Display
2. Channel A Power and Volume Control
3. Channel Select
4. Channel Set
5. Channel B Power and Volume Control



H. Dual Receiver (TV-DREC/TV5-DREC)

This system will allow you to use two wireless microphones with one receiver card. With Dual Volume controls, you can set the wireless microphones with 96 selectable frequencies each.

1. Turn the volume control (**H-2 and H-5**) clockwise for each channel to turn on the receivers.
2. The LCD display (**H-1**) will display "ON" for a moment then will display the frequency channel number each channel A and B, are currently assigned.
3. To select a different channel, press and hold the set (**H-4**) button until the channel number in channel A begins to flash. Use the up and down arrow (**H-3**) buttons to reach the desired channel, press the Set (**H-4**) button again and it will lock in channel A, and channel B will begin to flash. Again use the up and down arrow (**H-3**) buttons to reach the desired channel, press the set (**H-4**) button again and it will lock in channel B.
4. When receiving signal a signal strength meter will appear above the channel letter A or B.
5. To check the frequency of a channel, press the up arrow (**H-3**) for channel A, and down arrow (**H-3**) for channel B.

Optional Modules for TV10/TV8

I. RM-CD CD/MP3/SD/USB Player w/ Remote *Option C*



- | | |
|---|---------------------------|
| 1. Power Switch | 11. USB Connector |
| 2. Program | 12. Mute |
| 3. Play / Pause | 13. Mode |
| 4. CD Slot | 14. Low Speed |
| 5. LCD Display | 15. Normal Speed |
| 6. Stop / Eject | 16. High Speed |
| 7. Previous Folder | 17. Random/Enter |
| 8. Next Folder | 18. Repeat / ID3 Info Tag |
| 9. IR Window | 19. Track Reverse |
| 10. SD Card Slot: Accepts SD and
SDHC Cards containing MP3 files | 20. Track Skip Forward |
| | 21. Volume Control |



I. CD/MP3/SD/USB Player (RM-CD)

- Push the power switch (**I-1**) to turn on the player. Put a CD in the CD slot (**I-4**) or push the Stop/Eject button (**I-6**) to take a CD out of the slot.
- Press the Play/Pause button (**I-3**) to start or pause CD/MP3 play. Turn the volume control (**I-21**) to adjust to the proper volume. Push the Stop/Eject button (**I-6**) to stop or change the CD or MP3 disc.
- Press the Forward (**I-20**) or Reverse (**I-19**) button to skip forward to the next track or reverse to the previous track. Holding down the Forward or Reverse button will continuously forward or reverse the tracks.
Tip: MP3 files on a USB or Flash card should be loaded on the media in the order of desired playback. Do not have files in individual folders.
- Repeat (**I-18**) has three modes:
 - Repeat one song
 - Repeat current folder
 - Repeat all songs.
- Shuffle/Random: Press to play music in a random order.

Note: that enabling the Shuffle/Random will remove the repeat setting. And vice versa, selecting a Repeat mode will remove the Shuffle/Random mode.

6. Create Program Playlist:

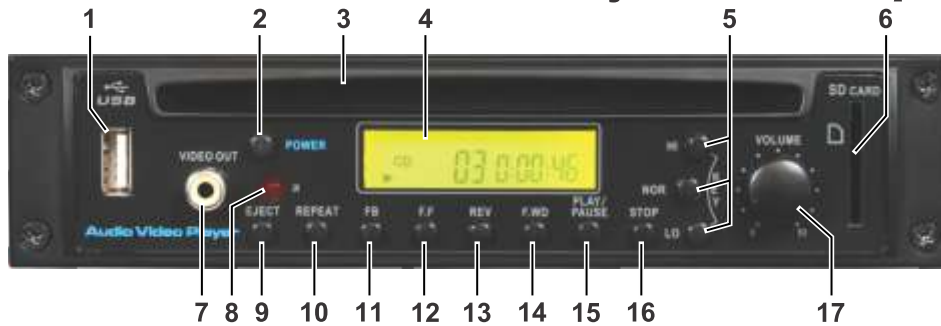
- Step A: Press Prog button (**I-2**) to begin setting up the program playlist
 Step B: Select a song using Forward or Reverse (**I-19** or **I-20**) (see step 3 and 7)
 Step C: Press Random/Enter (**I-17**) to enter the song. Repeat steps B and C to enter additional songs.
 Step D: Press Play (**I-3**) to play the programmed songs in memory. (Display will show MEMO)

Note: that the program will reset once the Program button is pressed again.

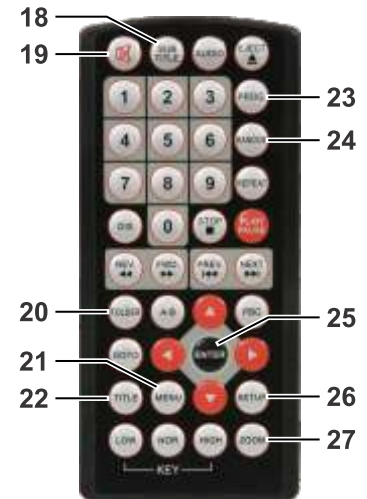
- To select a folder from an MP3, press Folder buttons (**I-7** and **I-8**). Use Forward or Reverse buttons to select a song.

Optional Module for TV10/TV8 - RM-CDV

J. RM-CDV CD/DVD/MP3/SD/USB Player w/ Remote *Option J*



- | | |
|---|--------------------|
| 1. USB Connector | 14. Forward |
| 2. Power Switch | 15. Play / Pause |
| 3. CD/DVD Slot | 16. Stop |
| 4. LCD Display | 17. Volume Control |
| 5. HI, NOR, LO Key Buttons | 18. Subtitles |
| 6. SD Card Slot: Accepts SD and SDHC Cards containing MP3 files | 19. Mute |
| 7. Video Output | 20. Folder |
| 8. IR Window | 21. Menu |
| 9. Eject | 22. Title |
| 10. Repeat: Repeat Play Mode | 23. Program |
| 11. FB: Fast Backward | 24. Random |
| 12. F.F: Fast Forward | 25. Enter |
| 13. Reverse | 26. Setup |
| | 27. Zoom |



J. CD/DVD/MP3/SD/USB Player (RM-CDV)

1. Push the power switch (**J-2**) to turn on the player. Put a CD in the CD/DVD slot (**J-3**) or push the Eject button (**J-9**) to take a CD/DVD out of the slot.
2. Press the Play/Pause button (**J-15**) to start or pause CD/DVD/MP3 play. Turn the volume control (**J-17**) to adjust to the proper volume or use Mute (**J-19**) to mute audio. Push the Stop (**J-16**) to stop playing the CD/DVD/MP3.
3. Press the Fast Forward (Next) (**J-12**) or Fast Backward (Prev.) (**J-11**) button to skip forward to the next track or reverse to the previous track. Pressing the Forward (**J-14**) or Reverse (**J-13**) button will continuously forward or reverse the tracks.

Tip: MP3 files on a USB or Flash card should be loaded on the media in the order of desired playback. Do not have files in individual folders.

4. Repeat (**J-11**) has three modes:

1. Repeat one song
2. Repeat current folder
3. Repeat all songs.

5. Shuffle/Random (**J-24**): Press to play files in a random order.

Note: that enabling the Shuffle/Random will remove the repeat setting. And vice versa, selecting a Repeat mode will remove the Shuffle/Random mode.

6. Create Program Playlist:

Step A: Press Prog button (**J-23**) to begin setting up the program playlist

Step B: A numbered list of blank entries will appear. Navigate the entries by using the arrow keys.

Step C: Use the numbers on the remote to enter the desired track numbers into the empty fields next to the number. For any media disk that has folders, be sure to enter the folder number and track number. (ex. "folder:track" "02:13")

Step D: Press Play (**J-15**) to play the programmed songs in memory.

Note: that the program will reset once the Program button is pressed again.

7. To select a folder from an MP3, press Folder button (**J-20**). Use FB or F.F buttons to select a song.
8. For video output, connect a Video RCA Cable to the Video Out (**J-7**) and connect the other end to a video monitor.
9. When media is at a stop, use the Setup (**J-26**) button to open the Setup Menu.
10. Press the Title (**J-22**) button to take you to DVD title content or play from the first title. Press Sub Title (**N-18**) to select sub title. Pressing Menu (**J-21**) will take you to the main menu page on the disc.
11. You can enlarge the picture using the zoom (**J-27**) button.

Note: Some remote functions require a video monitor to operate.

WIRELESS TRAVELER TRANSMITTERS



**Scan below to visit the
Traveler Modules & Accessories Page**



<https://galaxyaudio.com/series/traveler-portable-pas/traveler-modules-accessories/>

TVHH Microphone Description & Functions

K. Description of Functions for Handheld Microphone TVHH



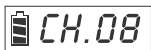
K. Operation of Handheld Microphone TVHH

A. Battery Installation Steps:

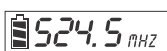
1. Turn off the microphone before inserting batteries.
2. Press in the latch to release the lower housing and slide it off.
3. Press in the latch to release the battery cover and slide it down.
4. Insert 2 disposable batteries of 1.5V type or 2 rechargeable batteries of 1.2V type.
5. Observe proper polarity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

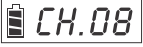

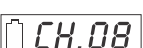
1. Press and hold power switch for about two seconds until the LCD displays OFF.

OFF

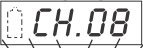


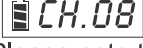
D. Channel/Frequency Settings (with power on):

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 this 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.
 - e. Make sure receiver and master volume are up.
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

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.

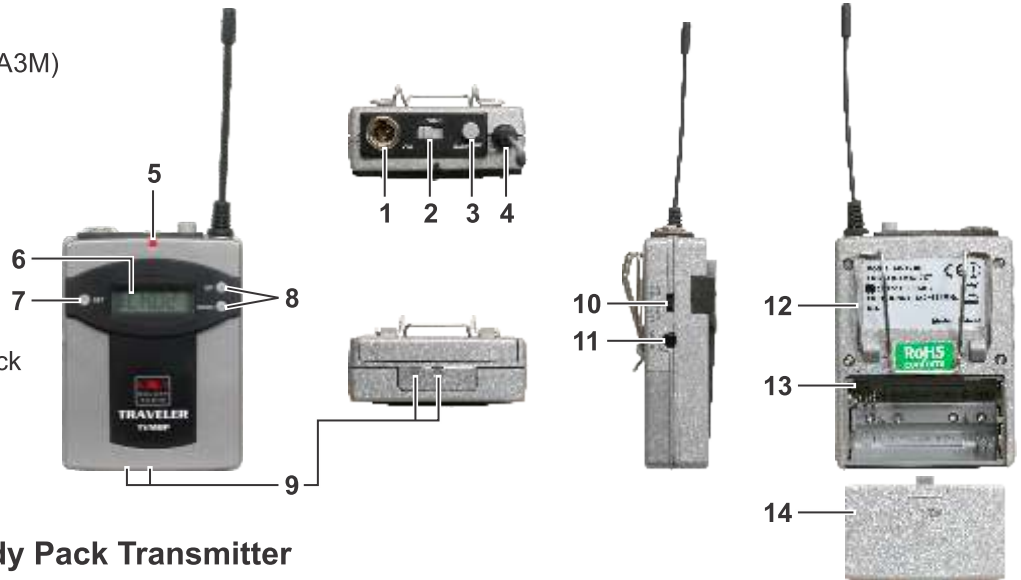
Q: How much time is required to recharge batteries from a fully exhausted state?

A: Approximately 4 to 5 hours.

TVMBP Body Pack Transmitter Description & Functions

L. Description of Functions for Body Pack Transmitter TVMBP

1. Mini XLR Mic Input Jack (TA3M)
2. Power Switch
3. Mute Button
4. Antenna
5. Power LED Light
6. LCD Display
7. Set Button
8. Channel Select Button
9. Charging Contacts
10. Sensitivity Control
11. 1/8" (3.5mm) Aux Input Jack
12. Belt Clip
13. Battery Compartment
14. Battery Cover


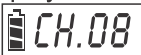


L. Operation of TVMBP Body Pack Transmitter

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 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" 

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.

Maintenance

Maintenance

Avoid Excessive Heat

Don't leave transmitter or receiver in hot sun, on a radiator, or near other sources of high temperature.

Avoid Rough Handling

The transmitter and receiver may be damaged if dropped.

Storage

Before storage, fully charge the batteries in both transmitters and receivers. If possible, recharge once a month during storage and again before first use.

Storage (Long term)

Remove the internal batteries when storing the units for a long period of time.

Replacing Batteries

Observe the correct polarity when installing batteries. Replace batteries only with the same or equivalent type.

Battery Terminals

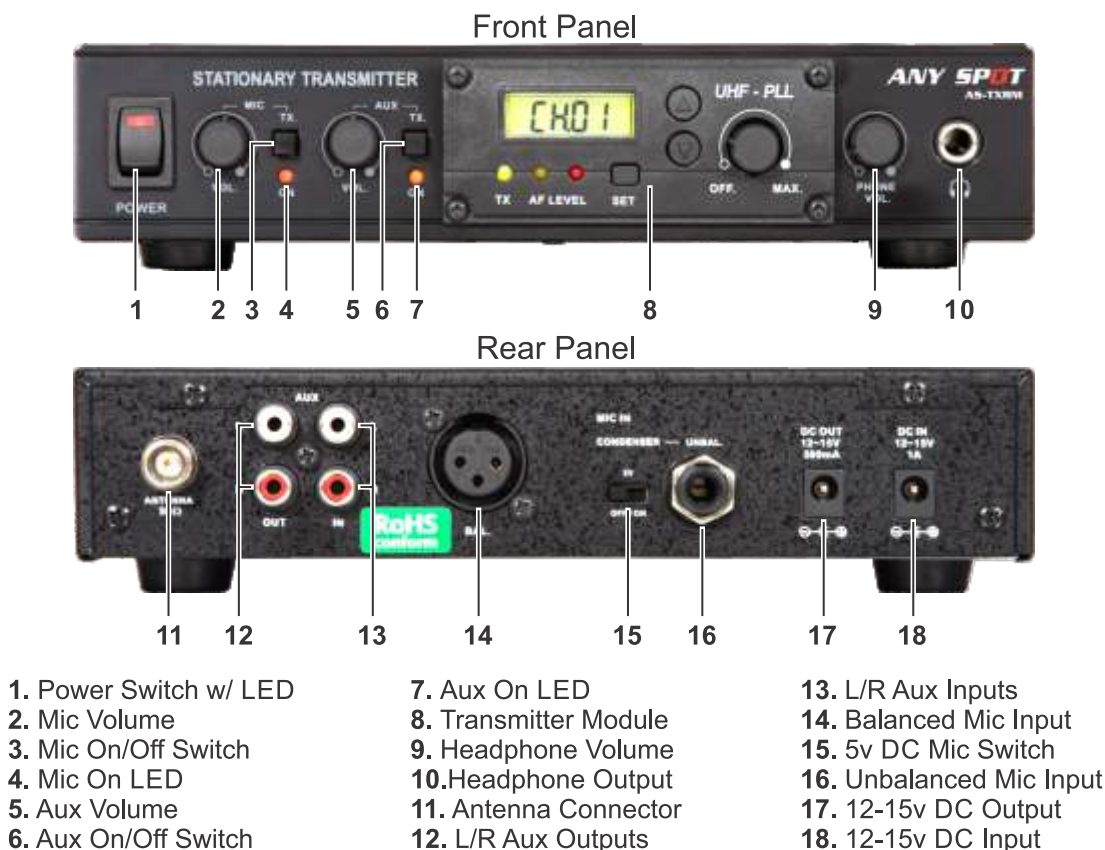
Keep the contacts clean and inspect them often to insure they are not corroded. If they become corroded, polish them with a pencil eraser.

AS-TXRM Stationary Transmitter / Setup and Operation of TXRM

M. AS-TXRM Stationary Transmitter

The AS-TXRM is a stand alone version of our AS-TVTX Audio Link Transmitter module. The module is housed in a standard half-rack sized enclosure, and includes a variety of inputs and outputs as well as mixing controls. The AS-TXRM is great for transmitting the entire mix from a mixing console to one or more Traveler speakers equipped with wireless receivers.

AS-TXRM Stationary Transmitter



M. Setup and Operation of AS-TXRM

1. Starting with both the main power switch off (**M-1**) and the transmitter (**M-8**) power switch off, plug the included power supply into the DC In jack (**M-18**), and then plug the other end into an AC outlet. Connect the supplied antenna to the Antenna Jack (**M-11**).
2. Set all volume controls (**M-2**), (**M-5**), & (**M-9**) to the minimum. Set the input TX switches (**M-3**) and (**M-6**) to off, and then switch on the power (**M-1**).
3. Connect the desired source devices (such as a microphone or line output of a mixer) to the appropriate AS-TXRM inputs. The XLR input (**M-14**) will accept balanced mic level signals and provides 5v DC to condenser mics when desired, by activating the switch (**M-15**). The 1/4" input (**M-16**) will accept unbalanced mic level signals. These two inputs are controlled by the Mic Volume (**M-2**) and TX switch (**M-3**). The L/R Aux Inputs will accept a stereo line level signal, and are controlled by the Aux Volume (**M-5**) and TX switch (**M-6**). When the TX switches (**M-3**) and (**M-6**) are engaged, the respective LEDs (**M-4**) and (**M-7**) will light, indicating that the input signal is being sent to the Transmitter Module (**M-8**) and the L/R Aux Output jacks.
4. Switch on the Transmitter Module (**M-8**) and set it according to the Audio Link System instructions provided on [page 6](#).
5. Set the receiver(s) according to the Wireless Mic Receiver instructions provided on [page 6 & 7](#).
6. Start sending a signal from the source device and set various volume controls (in the signal chain from the source to the receiving device) to the desired levels. It is important to set the gain structure properly to achieve the best signal to noise ratio. Normally you will want to set the output of the source as high as possible without causing distortion to the input of the following device, and so on down the line.
7. Signals sent to the L/R Aux Input will appear at the Headphone Jack (**M-10**) and be controlled by the Phone Volume (**M-9**). Note: Signals from the Mic Inputs (**M-14**) and (**M-16**) do not appear at the Headphone Jack.
8. The DC Output Jack (**M-17**) supplies 12v DC for charging or powering other devices. Make sure any device connected to this jack complies with the voltage and current rating listed for this jack.

Optional Traveler Accessories

AS-DCTVMBP



DC CHARGER FOR TRAVELER BODY PACK TRANSMITTER: charges up to two TVMBP body packs at once.

BAGTV



TRANSPORT BAG: Extendable handle w/ wheels. Will hold one TV8U model or up to two of either or both TV5 models. (TV5i & TV5X)

HS-U3BK



UNI HEADSET MIC: Uni-directional headset microphone (wrap around head), TA3F connector, 50 Hz - 18 kHz, mic diameter 12.25 mm.

TV8CVR



TRAVELER 8" SLIP COVER: protective slip cover for Traveler 8 has storage space and handle access.

LV-U3BK



UNI LAV/LAPEL MIC: Uni-directional lav/lapel microphone, TA3F connector, 50 Hz - 19 kHz mic diameter 13 mm.

AS-TV10COVER



TRAVELER 10" SLIP COVER: protective slip cover for Traveler 10 has storage space and handle access.

LSR38



WATER/SAND LIFE SAVER BAG: Durable reinforced vinyl, weighs up to 38 lbs w/ sand, 21 lbs w/ water. The weight of the mic and boom can offset the balance of the mic stand and cause it to tip. The Life Saver will also help stabilize a top-heavy speaker stand with a speaker on top.

SDB40



WATER/SAND SADDLE BAG: Dual wing design, durable reinforced vinyl, weighs up to 40 lbs w/ sand, 25 lbs w/ water. Nylon handle with clip. Helps protect equipment from damage and keeps stands upright and stable. Use with lighting, speaker, and PA equipment stands.

MST-C60



60" COMBINATION MIC STAND: Short straight or boom microphone stand. Can be a 63" tall straight tripod stand or a 41" tripod stand with 23" boom arm.

Internal Boom Storage Design!

MST-C90










90" COMBINATION MIC STAND: Tall straight or boom microphone stand. Can be a 93" tall straight tripod stand or a 62" tripod stand with 30" boom arm.

Internal Boom Storage Design!

Replaceable Traveler Parts

Replaceable Traveler Parts

<div><div>WS-TVHH</div><div></div><div>TVHH Handheld Microphone windscreen.</div></div>	<div><div>AS-BATTCTVHH</div><div></div><div>TVHH Handheld Microphone battery cover.</div></div>
<div><div>AS-TVHHANTCVR</div><div></div><div>Standard antenna cover for the TVHH.</div></div>	<div><div>AS-TXRMRE</div><div></div><div>Rack Kit for the AS-TXRM.</div></div>
<div><div>AS-ANT532TNC</div><div></div><div>Antenna for the AS-TXRM.</div></div>	<div><div>AS-BATTCTVMBP</div><div></div><div>Battery cover for the TVMBP.</div></div>
<div><div>AS-CLIPMBP</div><div></div><div>TVMBP Belt Clip.</div></div>	

CAUTION

Danger of explosion if the battery is incorrectly installed.
Replace only with the same or the equivalent type.

TV10
Specifications
Portable Amplifier Speaker

Power Output	100 Watt (RMS), 150 Watt (peak) @ 4 Ohm
Maximum SPL	112 dB
Frequency Response	60 Hz ~ 20 kHz (audio)
Battery	12V, 4.5Ah * 2 (Lead-Acid) Rechargeable Batteries
Battery Charging	6 ~ 8 Hours
Speaker	10" LF woofer, 1" HF tweeter
S/N Ratio	Up 70 dB
Sensitivity	92 dB, 1 W @ 1 m
Audio Input	XLR/1/4" Combo-Mic. In, 1/4" MicLine in, RCA - Line in, 1/8" Aux in/Bluetooth®
Audio Output	RCA - Line out, 1/8" Aux out
E.Q.	Bass Treble
Power Requirements	100 - 240V AC 50/60 Hz
Antenna	Built-in Antenna
Controls	Master, Treble, Bass, Mic, Mic2 Voice Priority, Line & Aux / Bluetooth®
UHF Wireless Operating Distance Optimum Conditions	200' (60 meters)
Stand Mountable	Yes 1 3/8" speaker stand
Dimensions	12.2" x 14.17" x 22.83" (310 x 360 x 580 mm)
Weight	44 lbs (20 kg) (batteries included)

CAUTION

Danger of explosion if the battery is incorrectly installed.
Replace only with the same or the equivalent type.

TV8

Specifications Portable Amplifier Speaker

Power Output	80 Watt (RMS), 120 Watt (peak) @ 4 Ohm
Maximum SPL	112 dB
Frequency Response	70 Hz ~ 20 kHz (audio)
Battery	12V, 2.9Ah * 2 (Lead-Acid) Rechargeable Batteries
Battery Charging	6 ~ 8 Hours
Speaker	8" LF Woofer, 1" Horn
S/N Ratio	Up 70 dB
Sensitivity	92 dB, 1 W @ 1 m
Audio Input	XLR/1/4" Combo-Mic. In, 1/4" MicLine in, RCA - Line in, 1/8" Aux in/Bluetooth®
Audio Output	RCA - Line out, 1/8" Aux out
E.Q.	Bass Treble
Power Requirements	100 - 240V AC 50/60Hz
Antenna	Built-in Antenna
Controls	Master, Treble, Bass, Mic, Mic2, Voice Priority, Line & Aux / Bluetooth®
UHF Wireless Operating Distance Optimum Conditions	200' (60 meters)
Stand Mountable	Yes 1 3/8" / 35 mm speaker stand
Dimensions	10.4" x 11.85" x 20.12" (264 x 301 x 511 mm)
Weight	35 lbs (16 kg) (batteries included)

Approximate Battery Life Chart

TV8 TV10

Music at 105 dB			8.5 Hours*
Music at 100 dB		8.5 Hours*	
Music at 90 dB			
Music at 85 dB		7.5 Hours*	7.5 Hours*
Music at 75 dB			
Speech at 95 dB		14 Hours*	14 Hours*
Speech at 90 dB			
Speech at 85 dB		16 Hours*	16 Hours*
Speech at 70 dB			

*Up to, based on internal testing
 Specifications are subject to change without notice.
 Please visit GalaxyAudio.com for the latest updates.

Specifications

Wireless Mic/Audio Link Receiver Module (TV-REC/TV5-REC)

Oscillation Type	PLL synthesized control OSC
Adjustable Frequency	Pre-programmed max. 96 switchable channels
Switching Bandwidth	Max. 12 MHz
Ambient Temperature	-10 °C ~ 50 °C
Maximum Deviation	50 kHz, with level limiting
Dynamic Range	110 dB
T. H. D.	Less than 0.5%
Pre/De- Emphasis	50 μ s
Squelch	Tone key and noise lock dual-squelch
Frequency Response	70 Hz ~ 16 kHz (wireless)
Operating Range	160 - 230 feet (50 ~ 70 M) (open field) with built-in antenna
Antenna Mode	Diversity
Sensitivity	4 μ V @ 30 dB SINAD
Double Intermediate	110.6 Mhz / 10.7 MHz
Display Status	LCD indicator displays channel or frequency
Channel Select	SCAN, UP, DOWN keys
RF Spurious Rejection	70 dB
Adjacent Channel Performance	68 dB @ 250kHz
IMD Rejection	58 dB
Carrier Frequency Range	514 ~ 544 MHz
Antenna	Built-in
Dimensions (L x W x H)	5.25" x 3.46" x 1.45" (133 x 88 x 37 mm)
Weight	3.88 oz. (110 g)

Dual Receiver Module (TV-DREC/TV5-DREC)

Oscillation Type	PLL synthesized control OSC
Adjustable Frequency	Pre-programmed max. 96 switchable channels
Switching Bandwidth	Max. 12 MHz
Ambient Temperature	-10 °C ~ 50 °C
Maximum Deviation	50 kHz, with level limiting
Dynamic Range	110 dB
T. H. D.	Less than 0.5%
Pre/De- Emphasis	50 μ s
Squelch	Tone key and noise lock dual-squelch
Frequency Response	70 Hz ~ 16 kHz (wireless)
Operating Range	160 - 230 feet (50 ~ 70 M) (open field) with built-in antenna
Antenna Mode	Single
Sensitivity	4 μ V @ 30 dB SINAD
Double Intermediate	110.6 Mhz / 10.7 MHz
Display Status	LCD indicator displays channel or frequency
Channel Select	SET, UP, DOWN keys
RF Spurious Rejection	70 dB
Adjacent Channel Performance	68 dB @ 250kHz
IMD Rejection	58 dB
Carrier Frequency Range	514 ~ 544 MHz
Antenna	Built-in
Dimensions (L x W x H)	5.25" x 3.46" x 1.45" (133 x 88 x 37 mm)
Weight	3.88 oz. (110 g)

Specifications

Audio Link Transmitter Module (AS-TVTX/AS-TV8TX also used in TXRM)

RF Output	10mW
Spurious Emission	Less than 250 nW
Display Status	LCD indicator displays channel or frequency
Channel Select	SET, UP, DOWN keys
Antenna	Built-in or external
Dimensions (L x W x H)	4.25" x 7.5" x 1.75" (108 x 190 x 44 mm)
Weight	5.99 oz. (170 g)

Handheld Microphone (TVHH)

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

Body Pack Transmitter (TVMBP)

Microphone Type	Headset or Lavalier
RF Output	10mW
Spurious Emission	Less than 250 nW
Display Status	LCD indicator displays channel or frequency, battery life
Channel Select	SET, UP, DOWN keys
AF Controls	Mute switch, Hi/Mid/Low switch
Audio Input	Mic in, Aux in
Battery	1.2 V (Ni-MH 1300 mAh) * 2 AA type rechargeable battery 1.5V * 2 AA Alkaline disposable
Battery Life Ni-MH Rechargeable	11 hours typical
Battery Life Alkaline Disposable	14 hours typical
Housing	Aluminium
Dimensions (H x W x D)	3.48" x 2.52" x 1.04" (88 x 64 x 27 mm)
Weight with Battery	4.48 oz. (127 g)

Notice: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no modifications to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void the user's authority to operate the device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Traveler Application Table



TRAVELER

APPLICATION TABLE

MODULES				TRANSMITTERS & ASSOCIATED RECEIVERS							
						MODULES					

Battery Replacement Instructions for TV10 & TV8

Battery Replacement Instructions for TV10 & TV8

Sealed Lead-Acid Battery

1. ****Make sure the power cable is unplugged and the power switch is in the off position before changing out the batteries**** and only replace with batteries that are the same size and rating as the originals:
(12V - 4.5 Ah Sealed Lead Acid for TV8 & TV10)
2. On the back of the TV10/TV8 Galaxy Audio Traveler, you will see large black plate. Remove the screws from the plate. The TV10 and TV8 has 4 screws around the edge and 2 in the center.



TV10
(x6 Screws)



TV8
(x6 Screws)

3. Once you remove the plate, carefully pull the battery out far enough to reach the wires. Notice that wires are color coded Red for the Positive (+) terminal and Black for the Negative (-). Carefully pulling on the wire clip, detach the wires from the battery. This is usually easier with needle nose pliers.



(Recommended Battery Replacement PS-1250-F1)

4. Pull the battery the rest of the way out. Now carefully slide the new battery in, keeping the wires accessible. Reconnect the wires to the new battery with care to ensure you connect the correct terminals to the correct wire; Red to the Positive terminal and Black to the Negative terminal. When sliding the battery back into the compartment, watch to make sure the wires do not pull away from the battery terminals. If this occurs, gently squeeze the connector with a pair of pliers to get a tighter fit.
5. When replacing the back plate and screws on the TV10, it is easier to replace the center screws first and then the screws around the edge.
6. Although the replacement batteries are charged, it's still suggested to charge the Traveler for at least 12 hours before use.

Note: A good tip to prolonging the life of your battery is to leave the Traveler plugged into AC power when not in use.

This will ensure you always have a fully charged unit and will prevent the batteries from self-discharging. The Traveler has an overcharge circuit so leaving the unit plugged in will not hurt the batteries or the unit.

Thank you for using Galaxy Audio Products.



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TRAVELER OWNERS MANUAL



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on our website and
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www.galaxyaudio.com/products/customize/travelers

LIMITED THREE YEAR WARRANTY

(Battery not included)

Please visit **galaxyaudio.com** for the latest updates
<https://galaxyaudio.com/support/warranty>



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1-800-369-7768 www.galaxyaudio.com

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Specifications in this manual are subject to change without notice.

