TRAVELER QUEST
Wireless Portable Sound Systems
TQ8 USER'S GUIDE

ALL INCLUSIVE BATTERY OPERATED PORTABLE PA SYSTEM
COMPACT, LIGHTWEIGHT, HIGH OUTPUT POWER & CLEAR SOUND.

MAKERS OF THE ORIGINAL HOT SPOT PERSONAL MONITOR

GALAXY AUDIO
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Introduction

Operating Manual for Traveler® Quest Series

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Thank you for purchasing the Traveler® Quest 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 Traveler® Quest series is ideally suited to cover large areas. This manual covers the complete functions and operations of the Traveler® Quest including all optional function modules. It also covers the TQHH Handheld & TQMBP Body Pack Transmitters. To use these systems to their fullest potential please read this manual carefully.
A. Before Using the Traveler® Quest

1. The TQ8 uses a universal DC switching power supply/charger that will operate on voltages of 100~240V, 50/60Hz. Verify that the voltage to which you are connecting is in this range and then connect the DC power cord from the Traveler to the wall outlet.

2. **Charge the battery for at least 8 hours with the Power Switch OFF prior to first time use** to maintain the quality of the battery and provide maximum operation time. When charging, the charging indicator lights ORANGE. When charging is complete, the Charging indicator will turn off. After the battery is fully charged, if the unit is off, no power status will be lit. When the unit is turned on, the unit will have the battery status lit up at FULL, then will lower to 75%, to 50%, then to 25% throughout usage on battery power. After the initial charge the Traveler® Quest may be operated on either DC or Battery power. When operating on DC power, the Traveler® Quest will simultaneously recharge its internal batteries.

3. To preserve the battery life, it is strongly advised to plug the unit into AC when the 25% Power LED light turns on.

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B. Description of Functions for TQ8

A. Power Supply/Charging Input
   1. Batteries (behind cover)
   2. Battery Cover
   3. Power On/Off Switch
   4. DC Power Cable Connector

B. Power LED and Charge Indicator for TQ8
   1. Power Status LED Indicators
   2. Charging Indicator
C. TQ8 Front & Rear Panel Configuration

TQ8 Series Rear Panel Configuration
TQ8-4000N (Part# for unit shown with options)

1. Integrated Handle
2. Built-in MP3 Player with Bluetooth®
3. TQREC Receiver Slots
4. Master Control Panel
5. Battery Cover
6. Main Power Switch and Charging Indicator
7. Fuse
8. DC Power Input

Front Side
1. 1" Horn Tweeter
2. Port
3. 8" Woofer
4. Speaker Grille

D. TQ8 Master Control Panel

1. CH1 MIC/LINE Input Selector
2. CH1 Mic Level LED Indicator
3. CH1 Volume Control
4. VOICE PRIORITY: Button to activate or end the microphone priority function, the LED lights red when the voice priority function is active.
5. CH2 Mic Level LED Indicator
6. CH2 Volume Control
7. CH2 MIC/LINE Input Selector
8. RCA LINE-IN/AUX IN Volume Control
9. MASTER Volume Control for overall system volume
10. CH1 MIC/LINE IN (XLR/ 1/4" Combo Jack) Microphone Connector
11. CH2 MIC/LINE IN (XLR/ 1/4" Combo Jack) Microphone Connector
12. AUX IN (1/8" Jack) to connect with external music sources including CD/MP3/DVD/iPod® players etc.
13. LINE IN (Dual RCA Phone Jack) to connect with external music sources including CD/MP3/DVD/iPod® players etc.
14. High Frequency Control Knob
15. Mid Frequency Control Knob
16. Low Frequency Control Knob
D. TV8 Master Control Panel

1. Turn the CH1 volume control (D-3) for wired Mic In jack (D-10) counterclockwise to decrease the volume and turn clockwise to increase the volume.
2. Turn the CH2 volume control (D-6) for wired Mic In jack (D-11) counterclockwise to decrease the volume and turn clockwise to increase the volume.
3. Turn the CH3 Volume Control (D-8) counterclockwise to decrease CH3 AUX/RCA Line In (D-12 & D-13) volume, and turn clockwise to increase.
4. Turn Master volume control (D-9) counterclockwise to decrease volume for the entire system, and clockwise to increase the system volume.
5. Press the Voice Priority button (D-4) to activate or end the microphone priority function.
6. CH1 Line/Mic In (D-10): XLR/1/4" combo jack for wired microphones. Volume of this input is controlled by CH1 (D-3) and the Master Control Volume (D-9). Press the Mic/Line switch as needed.
7. CH2 Line/Mic In (D-11): XLR/1/4" combo jack for wired microphones. Volume of this input is controlled by CH2 (D-6) and the Master Control Volume (D-9). Press the Mic/Line switch as needed.
8. Connect external audio sources, such as a CD/MP3 player or iPod® to the CH3 RCA LINE In (D-13) jack or CH3 AUX 1/8" (D-12) jack. The volume of the Line In is controlled solely by the CH3 AUX/RCA Line In Volume (D-8).
9. Use the High (D-14), Mid (D-15), and Low (D-16) controls to adjust the High/Mid/Low frequencies by turning counter-clockwise to decrease, and clockwise to increase frequencies.

E. Operation of the TQ8 Portable Sound System

A. Power Supply/Charger (see page 2)
   1. There is a universal DC 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 DC power cord from the DC IN (A1) to the wall outlet.

B. Power Switch and Charge Indicator (see page 2)
   1. When on, and on DC power, three GREEN LED lights will illuminate. When on, and using battery power, the RED LED light doesn’t come on until the battery gets low.
   2. The orange charge light stays on when charging. When the TQ8 is fully charged, the orange light will go out.

The Universal Power Supply/Battery Charger allows the Traveler® Quest to be used anywhere in the world. The Traveler® Quest will operate for an unlimited time on DC power and for about 24+ hours on just battery power. A full recharge of the batteries takes about 7-8 hours. The Traveler® Quest may be operated while recharging the batteries without affecting the charge time. If a power failure occurs when operating on DC, the Traveler® Quest will seamlessly switch over to battery power.

TQ8 Battery Replacement Instructions on Page 16.
F. TQMP3 Player

1. USB Slot for thumb/stick drives
2. LCD display
3. Remote IR Window
4. Power/Mode Button: To Turn On/Off the Unit, or to switch between USB and Bluetooth® functions.
5. Reverse/Volume Down
6. Forward/Volume Up
7. Repeat/Shuffle
8. Play/Pause & Folder

F. Operation of the TQMP3 Player

1. Insert a USB Flash drive (F-1). Push the Mode Button (F-4) to turn on the player and switch between USB or Bluetooth® Modes.
2. Press the Play/Pause/Folder button (F-8) to start or pause the playing of a track. Pressing and holding will result in switching Folders in USB mode.
3. Repeat/Shuffle (F-7) has three modes:
   1. Repeat one song
   2. Repeat all songs
   3. Shuffle for random play
4. Press the Forward (F-6) or Reverse (F-5) button momentarily to skip forward to the next track or reverse to the previous track. Holding down the Forward or Reverse button will raise and lower of the volume.

Tip: MP3 files on a USB thumb/stick drive should be loaded on the media in the order of desired playback. Do not have files in individual folders.

G. Guide for TQ8 MP3 Player Bluetooth® Function

Activating the Bluetooth® Function:
Press the mode button to switch to the Bluetooth® function.

Bluetooth® Pairing:
1. When Bluetooth® function is activated successfully, Bluetooth® symbol flashes.
2. The LCD will display “bt” when first switching to the Bluetooth® section on the MP3 player.
3. Activate the Bluetooth® connection on your smartphone or any Bluetooth® device you are using.
4. Find the device name “Galaxy Quest” on the pairing list to connect your device.
5. When the pairing is successful, the LCD screen will display Bluetooth® symbol stays on.
6. You are ready to stream audio from your device.

Caution:
1. During Bluetooth® connection, audio playback will stop when a call is made to your smartphone or tablet. When the call is finished, Bluetooth® will be relinked automatically and audio files will be played.
2. The Bluetooth® connection can be lost when the device gets out of range of the TQ8. 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 ≤ 100’.
H. TQRC Remote Control for TQMP3 Player

<table>
<thead>
<tr>
<th>BUTTON</th>
<th>FUNCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODE</td>
<td>Press to select USB or Bluetooth® Mode.</td>
</tr>
<tr>
<td>▶▶</td>
<td>PLAY / PAUSE. Press to Play or Pause.</td>
</tr>
<tr>
<td>▶▶▶</td>
<td>Skip Forward to next track.</td>
</tr>
<tr>
<td>▶▶</td>
<td>Skip Backward to the previous track.</td>
</tr>
<tr>
<td>EQ</td>
<td>Switch through EQ Presets.</td>
</tr>
<tr>
<td>0 ~ 9</td>
<td>Use number keys to select specific track numbers</td>
</tr>
<tr>
<td>ENTER</td>
<td>Submit to set or change a function or setting.</td>
</tr>
<tr>
<td>PICK SONG</td>
<td>Confirm selected track after using number keys.</td>
</tr>
<tr>
<td>+</td>
<td>Increase the volume of the selected track.</td>
</tr>
<tr>
<td>-</td>
<td>Decrease the volume of the selected track.</td>
</tr>
</tbody>
</table>

Module for the TRAVELER® QUEST

I. Wireless Microphone Receiver (TQREC)
1. RF Indicator
2. AF Level Indicator
3. Power Switch & Mic. Volume

I. Operation of the Wireless Mic Receiver (TQREC)

This system may include one or two receivers with fixed channel operation. These modules receive signals from the wireless handheld or body pack transmitters.

1. Turn the volume control (I-3) clockwise to turn on the receiver.
2. Adjust the volume control (I-3) to the desired level.
3. When receiving signal, the RF indicator (I-1) will light to show RF received and the AF indicator (I-2) will show audio received.
Wireless Traveler Quest Transmitters

Wireless Traveler Quest Transmitters

Traveler Quest Modules

Traveler Quest Accessories

galaxyaudio.com/products/category/portable-pas/traveler-quest-modules

galaxyaudio.com/products/category/portable-pas/traveler-quest-accessories
K. Description and Functions for the Body Pack Transmitter TQMBP

1. Power Light LED
2. Battery Compartment
3. Battery Cover
4. 1/8" Locking Mic Input Jack
5. Gain Adjustment Switch with 3 Settings: Mic / 0 / -10dB
6. On/Off/Mute Switch
7. Antenna
8. Belt Clip

K. Operation of the TQMBP Body Pack Transmitter

A. Battery Installation Steps:
   1. Switch the transmitter off before inserting batteries.
   2. Flip open the battery cover.
   3. Insert 2 "AA" sized 1.5V alkaline batteries.
   4. Observe correct polarity when inserting batteries.
   5. Flip the battery cover back to its original position.

B. Switch-On Steps:
   1. Switch the power to ON position
   2. The LED will light GREEN to indicate that there is power to the unit.
   3. Since the transmitter is a fixed channel/frequency unit, the transmitter should automatically connect with the TQREC when both the receiver and transmitter are turned to the ON position.

C. Switch Off Steps:
   1. Slide the power switch to the OFF position.
J. Description and Functions for the Handheld Microphone TQHH

1. Wind Screen: Protects Cartridge with Pop Filter
2. Power ON & Low Battery LED Indicator
3. Main Body: Contains Wireless Transmitter PCB
4. Power Switch
5. Battery Cover
6. Battery Compartment
7. Battery Latch

J. Operation of the Handheld Microphone TQHH

A. Battery Installation Steps:
   1. Turn off the microphone before inserting batteries.
   2. Unscrew the lower housing and slide it off the bottom of the microphone
   3. Place fingers on both sides of the battery latch and pop it out, it will fold out.
   4. Insert 2 “AA” sized 1.5V alkaline batteries.
   5. Observe proper polarity while inserting batteries.
   6. Move the battery latch back to its original position, the tab will snap it into place.
   7. Install the lower housing back to the lower part of the microphone.

B. Switch-On Steps:
   1. Slide the power switch to the ON position to turn on the transmitter.
   2. Since the transmitter is a fixed channel/frequency unit, the transmitter should automatically connect with the TQREC when both the receiver and transmitter are turned to the ON position.

C. Switch Off Steps:
   1. Slide the power switch to the OFF position to turn off the transmitter.
L. Troubleshooting Transmitters:

L. Troubleshooting:

A. LED doesn’t light when power switch on transmitter is in ON position.
   1. Make sure that the batteries are not discharged.
   2. Make sure that the batteries are installed correctly.

B. No audio from transmitter.
   1. Make sure that the power switch is turned on.
   2. Check if the distance between the transmitter and the receiver is too great.
   3. Check if the transmitter or the receiver is too close to any large metal objects.
   4. Make sure receiver and transmitter volume are up.
   5. Make sure that the batteries are not discharged.
   6. Make sure that the batteries are installed correctly.

C. Interference and Signal Disturbance.
   1. Make sure there are no other wireless systems operating on the same frequency in the same area. This includes microphones, televisions, radio stations, etc.

M. Questions & Answers

M. Q&A

Q: How long can the microphone be operated with fully charged batteries?
A: Alkaline 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.

N. 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.
<table>
<thead>
<tr>
<th>HS13-UBK</th>
<th>LV13-UBK</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNI HEADSET MIC: Uni-directional headset microphone (wrap around head), 50Hz-18kHz, mic diameter 12.25 mm.</td>
<td>UNI LAV/LAPEL MIC: Uni-directional lav/lapel microphone, 50Hz-19kHz mic diameter 13 mm.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MST-C60</th>
<th>MST-C90</th>
</tr>
</thead>
<tbody>
<tr>
<td>60° COMBINATION MIC STAND: Short straight or boom microphone stand. Can be a 63&quot; tall straight tripod stand or a 41&quot; tripod stand with 23&quot; boom arm.</td>
<td>90° COMBINATION MIC STAND: Tall straight or boom microphone stand. Can be a 93&quot; tall straight tripod stand or a 62&quot; tripod stand with 30&quot; boom arm.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SST-35</th>
<th>SST-45</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIPOD SPEAKER STAND: Tripod speaker stand, stand height 51&quot;-76&quot; (1.29-1.93 m), weight 7.2 lbs (3.27 kg), base radius 31.5&quot; (0.80 m).</td>
<td>DELUXE TRIPOD SPEAKER STAND: Deluxe speaker stand, stand height 58&quot;-80.75&quot; (1.47-2.05 m), weight 9 lbs (4 kg), base radius 40.5&quot; (1.03 m).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SDB40</th>
<th>LSR38</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIFE SAVER: 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.</td>
<td>LIFE SAVER: 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.</td>
</tr>
</tbody>
</table>
## Replaceable Traveler Quest Parts

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TQ8PS</td>
<td>Power Supply for the TQ8.</td>
</tr>
<tr>
<td>TQ8BATT</td>
<td>Replacement Battery for the TQ8. (2 required)</td>
</tr>
<tr>
<td>TQMBPBC</td>
<td>Belt Clip for the TQMBP.</td>
</tr>
<tr>
<td>TQHBC</td>
<td>Battery Cover for the TQHH.</td>
</tr>
<tr>
<td>TQRECPLATE</td>
<td>Blank Receiver Slot Cover</td>
</tr>
<tr>
<td></td>
<td>Plate for the TQ8.</td>
</tr>
<tr>
<td>TQRC</td>
<td>Remote Control for the TQ8.</td>
</tr>
<tr>
<td>TQMBPBD</td>
<td>Battery Door for the TQMBP.</td>
</tr>
</tbody>
</table>
## Specifications

### Portable Amplifier Speaker

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output/Peak</strong></td>
<td>150 Watt</td>
</tr>
<tr>
<td><strong>Max SPL</strong></td>
<td>105dB</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>70Hz ~ 18kHz ±3dB</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>12V, 2.8Ah * 2 (Lead-Acid) Rechargeable Batteries</td>
</tr>
<tr>
<td><strong>Battery Operation</strong></td>
<td>24+ Hours†</td>
</tr>
<tr>
<td><strong>Battery Charging</strong></td>
<td>7 ~ 8 Hours</td>
</tr>
<tr>
<td><strong>Speaker</strong></td>
<td>8&quot; LF Woofer / 1&quot; Horn</td>
</tr>
<tr>
<td><strong>S/N Ratio</strong></td>
<td>&gt; 70dB</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>Input Dependent</td>
</tr>
<tr>
<td><strong>Audio Input</strong></td>
<td>Two XLR/1/4&quot; Combo Mic-Line In, RCA -1/8&quot; Stereo-Aux Input, Bluetooth©, &amp; USB</td>
</tr>
<tr>
<td><strong>E.Q.</strong></td>
<td>Low, Mid, High</td>
</tr>
<tr>
<td><strong>Indicators</strong></td>
<td>Charging Meter LED, Signal/Limiter, Mic On</td>
</tr>
<tr>
<td><strong>Power Requirements</strong></td>
<td>32 VDC 2A (Universal 100-240VAC 50/60Hz Power Supply Included)</td>
</tr>
<tr>
<td><strong>Antenna</strong></td>
<td>Built-in Antenna</td>
</tr>
<tr>
<td><strong>Master Controls</strong></td>
<td>Master Volume, Low, Mid, High, CH1 Volume, CH2 Volume, CH3 Volume, CH1 Mic-Line, CH2 Mic-Line, Voice Priority</td>
</tr>
<tr>
<td><strong>MP3 Player Controls</strong></td>
<td>Power/Mode, Play/Pause, Folder, Repeat, Skip Forward/Volume Up, Skip Backward/Volume Down</td>
</tr>
<tr>
<td><strong>TQMP3 Supported File Formats</strong></td>
<td>WMA, WAV, &amp; MP3</td>
</tr>
<tr>
<td><strong>Bluetooth Operating Distance</strong></td>
<td>Tested up to 100' (30 m) (Under Optimum Conditions)</td>
</tr>
<tr>
<td><strong>Wireless Operating Distance</strong></td>
<td>Tested up to 200' (60 m) (Under Optimum Conditions)</td>
</tr>
<tr>
<td><strong>Stand Mountable</strong></td>
<td>1 3/8&quot; (35 mm) speaker stand</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>10.5&quot; x 11.5&quot; x 17.25&quot; (267 x 292 x 438 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>18.85 lbs (8.55 kg) (batteries included)</td>
</tr>
</tbody>
</table>

†May vary depending on programs used
### Handheld Microphone (TQHH)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Audio Input Level</td>
<td>120 dB</td>
</tr>
<tr>
<td>Gain Adjust</td>
<td>N/A</td>
</tr>
<tr>
<td>RF Output</td>
<td>10 mW</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>100Hz ~ 12kHz ±10 dB</td>
</tr>
<tr>
<td>Spurious Rejection</td>
<td>&gt; 45 dB</td>
</tr>
<tr>
<td>Input Impedance</td>
<td>5 k Ohms</td>
</tr>
<tr>
<td>Display</td>
<td>LED</td>
</tr>
<tr>
<td>Dimensions</td>
<td>6.65&quot; x 2.16&quot; (245 x 54.75 mm) (L x Dia.)</td>
</tr>
<tr>
<td>Weight</td>
<td>9.28 oz (263 g) (without batteries)</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>2 “AA” size alkaline or rechargeable batteries</td>
</tr>
<tr>
<td>Battery Life</td>
<td>About 8 hours (alkaline)</td>
</tr>
</tbody>
</table>

### Body Pack Transmitter (TQMBP)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Audio Input Level</td>
<td>0 dBV to +20 dBV</td>
</tr>
<tr>
<td>Gain Adjust</td>
<td>Mic/0 dB/-10 dB</td>
</tr>
<tr>
<td>RF Output</td>
<td>10 mW</td>
</tr>
<tr>
<td>Spurious Rejection</td>
<td>&gt; 45 dB</td>
</tr>
<tr>
<td>Input Impedance</td>
<td>5 k Ohms</td>
</tr>
<tr>
<td>Display</td>
<td>LED</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.3&quot; x 2.6&quot; x 1&quot; (85 x 65 x 24 mm)(HxWxD)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.8 oz (80 g) (without batteries)</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>2 “AA” size alkaline or rechargeable batteries</td>
</tr>
<tr>
<td>Battery Life</td>
<td>About 8 hours (alkaline)</td>
</tr>
</tbody>
</table>

**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.
## Wireless Mic Receiver Module (TQREC)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oscillation Type</td>
<td>PLL synthesized control OSC</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>80Hz ~ 16kHz ±3dB</td>
</tr>
<tr>
<td>Frequency</td>
<td>Channel Single Fixed Frequency</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C ~ 50°C</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>12V/0.5A</td>
</tr>
<tr>
<td>Display</td>
<td>LED AF/RF Indicators</td>
</tr>
<tr>
<td>Audio Output Level</td>
<td>+5dBV</td>
</tr>
<tr>
<td>Output Impedance</td>
<td>3k Ohms</td>
</tr>
<tr>
<td>Controls</td>
<td>Volume</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>&gt; 85dBA</td>
</tr>
<tr>
<td>Dynamic Range</td>
<td>&gt; 83dB</td>
</tr>
<tr>
<td>T.H.D.</td>
<td>&lt; 0.5%</td>
</tr>
<tr>
<td>Operating Distance</td>
<td>160' (50 m) (Under Optimum Conditions)</td>
</tr>
<tr>
<td>RF Sensitivity</td>
<td>&lt; -95dBm</td>
</tr>
<tr>
<td>Image Rejection</td>
<td>&gt; 50dB</td>
</tr>
</tbody>
</table>
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 - 2.8 AH Sealed Lead Acid).

2. On the back of the TQ8 Galaxy Audio Traveler® Quest, you will see large black plate. Remove the screws from the plate. The TQ8 has 4 screws around the edge.

3. Once you remove the plate, carefully pull the batteries 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.

4. Pull the batteries the rest of the way out. Now carefully slide the new batteries 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. Although the replacement batteries are charged, it's still suggested to charge the Traveler® Quest for at least 12 hours before use.

**Note:** A good tip to prolonging the life of your battery is to leave the Traveler® Quest plugged into DC 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® Quest 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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