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## BoomToneDJ TRAVELSOUND12-VHF

# BoomToneDJ TRAVELSOUND12-VHF Portable PA System User Manual

Model: TRAVELSOUND12-VHF | Brand: BoomToneDJ

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your BoomToneDJ TRAVELSOUND12-VHF Portable PA System. Please read this manual thoroughly before using the device and retain it for future reference. The TRAVELSOUND12-VHF is a versatile portable sound system designed for various applications, including DJ sets, karaoke, street performances, and parties, offering powerful audio output and multiple connectivity options.

## 2. SAFETY INSTRUCTIONS

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To ensure safe operation and prevent damage, observe the following precautions:

- **Power Source:** Connect the unit only to the specified power supply voltage. Ensure the power cord is not damaged.
- **Ventilation:** Do not block ventilation openings. Maintain adequate space around the unit for proper airflow.
- **Moisture:** Keep the unit away from water, rain, and high humidity. Do not operate with wet hands.
- **Heat:** Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Disconnect from power before cleaning. Use a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, level surface. Avoid placing heavy objects on the unit.
- **Battery:** Do not expose the battery to excessive heat or direct sunlight. Dispose of batteries according to local regulations.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- BoomToneDJ TRAVELSOUND12-VHF Portable PA System

- VHF Handheld Microphone
- VHF Headset Microphone with Transmitter
- Power Cable
- User Manual (this document)

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the components and controls of your TRAVELSOUND12-VHF system.



**Figure 4.1:** The BoomToneDJ TRAVELSOUND12-VHF Portable PA System, showcasing the main speaker unit, a handheld wireless microphone, and a headset wireless microphone with its bodypack transmitter.





**Figure 4.2:** Front view of the PA system, highlighting the speaker grille and the BoomToneDJ logo. The robust casing and integrated handle are visible.





**Figure 4.3:** Detailed view of the rear control panel, showing the MP3 control section, various input/output ports, and power controls. This panel provides access to all audio adjustments and connectivity options.

MP3 CONTROL DIGITAL DISPLAY

BT CARD USB

PRE MODE PAUSE REW PLAY

VOLUME VOL+ TWS SCAN



CHARGE FULL LOW

MIC 1 INPUT

MIC 2

LINE INPUT

GUITAR INPUT

LINE OUTPUT

VOLUME

BASS

TREBLE

MIC LEVEL

MIC BASS

MIC TREBLE

ECHO

DELAY

LINE LEVEL

GT LEVEL

**TRAVELSOUND12-VHF**  
 VHF MICROPHONES : 218.8MHz / 213MHz  
 BT FREQ. RANGE : 2402 - 2480MHz  
 BT MAX. EMITTING POWER : 2.15Wm  
 BATTERY : Li-ion 12V / 4.5Ah  
 POWER INPUT : AC100-240V 50/60Hz  
 POWER CONSUM. : 100W MAX

Designed in France by MSC Distribution  
 3, Rue Claude Perrault  
 91028 Arville - FRANCE  
 Manufactured in PRC



**NOTICE**  
 WHEN CHARGING, PLEASE RECHARGE THE BATTERY FOR AT LEAST 4 HOURS TO PROLONG BATTERY LIFE.

**WARNING**  
 RISK OF ELECTRIC SHOCK. DO NOT OPEN.

**CAUTION**  
 TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK OR OTHER SERVICEABLE PARTS. REFER SERVICE TO QUALIFIED SERVICE PERSONNEL.

AC 100-240V 50/60Hz FUSE 2A

CHARGE

POWER

EXT. DC 12V IN

Figure 4.4: A closer look at the rear control panel, emphasizing the individual volume, bass, treble, echo, and delay controls for microphones and music, along with the various input jacks.



Figure 4.5: Close-up of the MP3 control section and digital display, showing buttons for mode selection, play/pause, track navigation, and USB/SD card slots. The Bluetooth indicator is also visible.



**Figure 4.6:** The VHF headset microphone connected to its bodypack transmitter. This provides hands-free operation for presenters or performers.





**Figure 4.7:** The VHF handheld wireless microphone, featuring an on/off switch and a robust design for general vocal use.



**Figure 4.8:** Top view of the PA system, illustrating the integrated retractable handle in its extended position, facilitating easy transport.



**Figure 4.9:** A close-up of the retractable handle mechanism, showing its sturdy construction and how it integrates into the top of the unit for portability.

## 5. SETUP

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Follow these steps for initial setup:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Placement:** Position the PA system on a stable, flat surface or mount it on a compatible pole stand. Ensure adequate space for ventilation.
3. **Power Connection:** Connect the power cable to the AC IN port on the rear panel and then to a suitable power outlet. Alternatively, ensure the internal battery is charged or connect an external 12V DC source.
4. **Initial Charge:** For first use, it is recommended to fully charge the internal battery. The CHARGE indicator will illuminate during charging.
5. **Microphone Setup:**
  - **Handheld Microphone:** Insert fresh batteries (not included) into the handheld microphone. Turn on the microphone.

- **Headset Microphone:** Connect the headset microphone to the bodypack transmitter. Insert fresh batteries (not included) into the bodypack transmitter. Turn on the transmitter.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Powering On/Off

- To power on the unit, press the POWER switch on the rear panel to the 'ON' position.
- To power off, press the POWER switch to the 'OFF' position.

### 6.2 Bluetooth Connectivity

1. Turn on the PA system.
2. Press the 'MODE' button on the MP3 control panel until 'BT' appears on the digital display. The Bluetooth indicator will flash, indicating pairing mode.
3. On your Bluetooth-enabled device (smartphone, tablet, laptop), search for available Bluetooth devices.
4. Select 'TRAVELSOUND12-VHF' from the list. Once connected, the Bluetooth indicator will stop flashing and remain solid.
5. You can now play audio from your device through the PA system.

### 6.3 USB/SD Playback

1. Insert a USB flash drive or SD card (with MP3 audio files) into the corresponding slot on the MP3 control panel.
2. The system will automatically switch to USB or SD mode and begin playback. If not, press the 'MODE' button to select the correct source.
3. Use the 'PLAY/PAUSE', 'PREV', and 'NEXT' buttons to control playback.

### 6.4 FM Radio

1. Press the 'MODE' button until 'FM' appears on the digital display.
2. Press the 'PLAY/PAUSE' button to initiate an automatic scan for FM stations. The system will save detected stations.
3. Use the 'PREV' and 'NEXT' buttons to navigate through the saved stations.

### 6.5 Microphone Usage

- Ensure the handheld and headset microphones (with bodypack) are powered on.
- Adjust the 'MIC LEVEL' knob on the rear panel to control the volume of the wireless microphones.
- Use the 'MIC PRIORITY' switch to automatically lower music volume when a microphone is in use.
- For wired microphones, connect them to the MIC 1 or MIC 2 (6.35mm Jack or XLR) inputs and adjust their respective 'MIC LEVEL' knobs.

### 6.6 Audio Input/Output

- **Line Input:** Connect external audio sources (e.g., CD player, mixer) to the LINE INPUT (RCA or 6.35mm Jack) and adjust the 'LINE LEVEL' knob.
- **Instrument Input:** Connect an instrument (e.g., guitar) to the GUITAR INPUT and adjust the 'GUITAR LEVEL' knob.
- **Line Output:** Use the LINE OUTPUT (XLR) to connect the PA system to another amplifier or recording device.

### 6.7 TWS (True Wireless Stereo) Function

The TWS function allows you to pair two TRAVELSOUND12-VHF units for stereo sound:

1. Ensure both TRAVELSOUND12-VHF units are powered on and in Bluetooth mode.
2. On one unit (this will be the master), press and hold the 'TWS' button (if available, or a combination of buttons as per specific model instructions, typically the 'MODE' button for a few seconds). The unit will search for another TWS-compatible speaker.
3. Once connected, the master unit will indicate TWS pairing, and audio played via Bluetooth to the master unit will be distributed in stereo to both speakers.

## 6.8 Audio Controls

- **VOLUME:** Master volume control for overall sound output.
- **BASS/TREBLE:** Adjusts the low and high frequencies of the music.
- **MIC BASS/TREBLE:** Adjusts the low and high frequencies specifically for the microphone inputs.
- **ECHO/DELAY:** Adds echo and delay effects to the microphone inputs.

## 7. MAINTENANCE

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Proper maintenance ensures longevity and optimal performance:

- **Cleaning:** Disconnect the unit from power before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the battery regularly, even if the unit is not in use, at least once every 3 months.
- **Microphones:** Store microphones in a protective case to prevent damage. Remove batteries from microphones if not used for a long time to prevent leakage.

## 8. TROUBLESHOOTING

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Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
No power	Power cable disconnected; Battery discharged; Power switch off	Check power cable connection; Charge battery; Turn power switch ON
No sound output	Volume too low; Incorrect input selected; Source device not playing	Increase master volume; Select correct input mode (Bluetooth, USB, SD, Line); Ensure source device is playing audio
Microphone not working	Microphone off; Batteries low/dead; MIC LEVEL knob too low; Wireless microphone not paired	Turn on microphone; Replace batteries; Increase MIC LEVEL; Ensure wireless microphones are powered on and within range
Bluetooth not connecting	PA system not in Bluetooth mode; Device too far; Already connected to another device	Switch PA system to Bluetooth mode; Move device closer; Disconnect from other devices and try again
USB/SD not playing	Incorrect file format; USB/SD card corrupted; Incorrect mode selected	Ensure files are MP3 format; Try another USB/SD card; Select USB/SD mode
Poor FM radio reception	Weak signal; Environmental interference	Relocate the unit to an area with better reception; Extend any external antenna if available

## 9. SPECIFICATIONS

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Technical details of the BoomToneDJ TRAVELSOUND12-VHF Portable PA System:

Feature	Value
Brand	BoomToneDJ
Model Number	TRAVELSOUND12-VHF
Maximum Power	600W
RMS Power	150W
Woofer Size	12 inches
Tweeter Type	1 inch Compression Driver
Frequency Response	40 Hz - 20 kHz
Connectivity Technology	Bluetooth, USB, SD Card
Microphones Included	VHF Handheld, VHF Headset
Audio Inputs	2 x Mic (6.35mm Jack/XLR), 1 x Instrument, 1 x Line (RCA/6.35mm Jack)
Audio Outputs	1 x Line (XLR)
Power Source	AC Mains, Integrated Battery, External 12V DC
Battery Life	Up to 6 hours (varies with usage)
Dimensions (L x W x H)	58.6 x 40.6 x 33.2 cm (approx. 23.1 x 16 x 13.1 inches)
Color	Black
Mounting Type	Pole Mount

## 10. WARRANTY AND SUPPORT

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BoomToneDJ products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or contact your local dealer. For technical support or service inquiries, please visit the official BoomToneDJ website or contact their customer service department. Keep your proof of purchase for any warranty claims.