# User Manual

## Portable Audio System
## Maletas

Fiero

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# Dear Customer,

Thank you for choosing our products.
We are pleased to offer you products and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the product, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

# Intended Use

The portable audio system is designed to play music, including in locations where no mains power outlet is available.

# Safety Precautions

- Before connecting the device to a power source, make sure your home power supply matches the device's electrical specifications.
- To prevent electric shock, do not disassemble the device yourself. The device contains no user-serviceable parts. Maintenance and repairs must only be performed by qualified personnel at an authorized service center.
- Disconnect the device from the audio source if it will not be used for an extended period.
- When disconnecting the device from the power source, grasp only the insulated part of the plug. Never pull or move the device by the power cord.
- Protect the power cord from being pinched or crushed. Do not place objects on it, bend it excessively, or wrap it around the device. Keep the cord away from sharp edges and hot surfaces, and do not allow it to hang over the edge of a countertop.
- Do not route the power cord under furniture, appliances, or carpets. Do not cover it with fabric, rugs, or other objects. Position the cord away from walkways to prevent tripping.
- Do not touch the device with wet hands.
- Protect the device from water, other liquids, moisture, extreme temperatures, dust, and dirt. Do not install it in areas with high humidity or excessive dust. Do not place containers filled with liquids, such as vases, glasses, or bottles, on or near the device. If liquid comes into contact with the device, disconnect it from the power supply immediately.
- Protect the device from overheating. Do not place it near powerful heat sources, such as heaters, or expose it to direct sunlight. Do not block the ventilation openings. Leave at least 5 cm of clearance around the device to ensure adequate ventilation.
- To prevent damage to the device and electric shock, use only undamaged connectors.
- Disconnect the device from the power supply during thunderstorms or if it will not be used for an extended period.
- Do not use benzene-based products, alcohol, solvents, or similar substances to clean the device, as they may damage the device and its painted surfaces. Use a soft, dry cloth for cleaning.
- If the device stops working or malfunctions, stop using it immediately and contact an authorized service center.

- The device is not intended for commercial use.
- The device is not intended for use by children or persons with reduced physical, sensory, or mental capabilities unless they are supervised by a person responsible for their safety. Do not allow children to play with the device.
- Use only the accessories supplied with the device.
- Make sure the power outlet is easily accessible so that the device can be disconnected in an emergency.

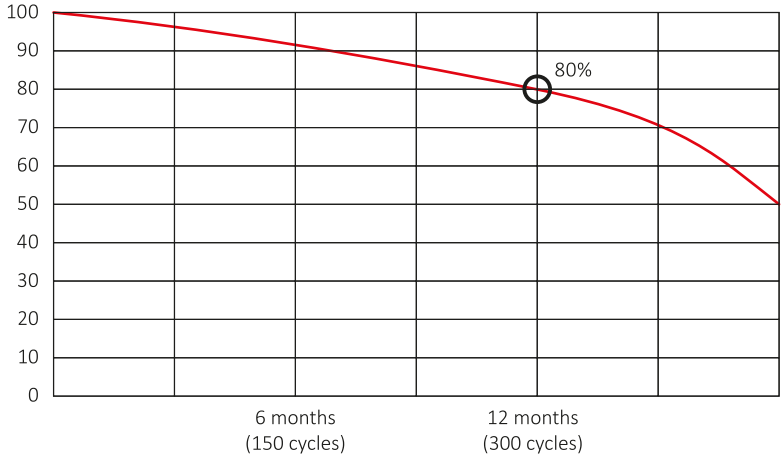
## Rechargeable Battery Guidelines (Li-pol/Li-ion)

Dear Customer, please note that this device uses a lithium-based rechargeable battery as its power source. Please carefully read the information below to help extend the life of your battery and prevent undesirable consequences during its operation.

### Battery Capacity and Charge-Discharge Cycles

During prolonged storage and use, the rechargeable battery (hereinafter referred to as «the battery») tends to lose its charge and capacity. After 300 charge-discharge cycles (approximately one year of device use), the battery capacity may decrease to 80% of its nominal value. After 400 charge-discharge cycles, the battery capacity may decrease to 60% of its nominal capacity. Partial capacity reduction within these limits and time frames is natural battery wear and is not considered a defect.

**Battery Capacity and Number of Charge-Discharge Cycles**




### Natural Battery Wear

The battery loses charge even when stored separately from the device. The self-discharge rate is approximately 5% per month. Due to their design, rechargeable batteries have a limited service life and gradually degrade regardless of whether they are in use. This degradation accelerates at higher temperatures and when the charge level deviates from the «optimal» storage level, which is generally considered to be 40%. In other words, if the battery is not in use, it is advisable to keep the charge level between 40% and 50%.

## Use Only the Original Charger

The battery's charge and discharge capability is controlled by its built-in Battery Management System (BMS). Forced «fast charging» modes using external chargers for Li-ion batteries are strictly not recommended, as charge and discharge currents are limited. Li-ion batteries do not have a so-called «memory effect». You can start charging or discharging the battery from any charge level.
Most devices have charge and discharge limits—the controller may prevent the battery charging if, for example, the charge is already above 90%. It will also prevent the battery from fully discharging, protecting the cells from damage. Even if the device is powered from the mains, the Li-ion battery should undergo a full charge/discharge cycle at least once a month (until the «low battery» warning appears). Never let the battery discharge completely. A Li-ion battery degrades quickly if stored in a discharged state for a prolonged period. If this happens, charge it immediately. If the battery remains in a discharged state for two weeks or more, irreversible capacity loss occurs in the cells, which will ultimately lead to battery failure.

## Observe the Temperature Requirements

Batteries must be stored in a charged state at temperatures between +15 °C and +35 °C with normal humidity. Batteries do not perform well during prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

## Do Not Disassemble, Burn, or Use Damaged Batteries

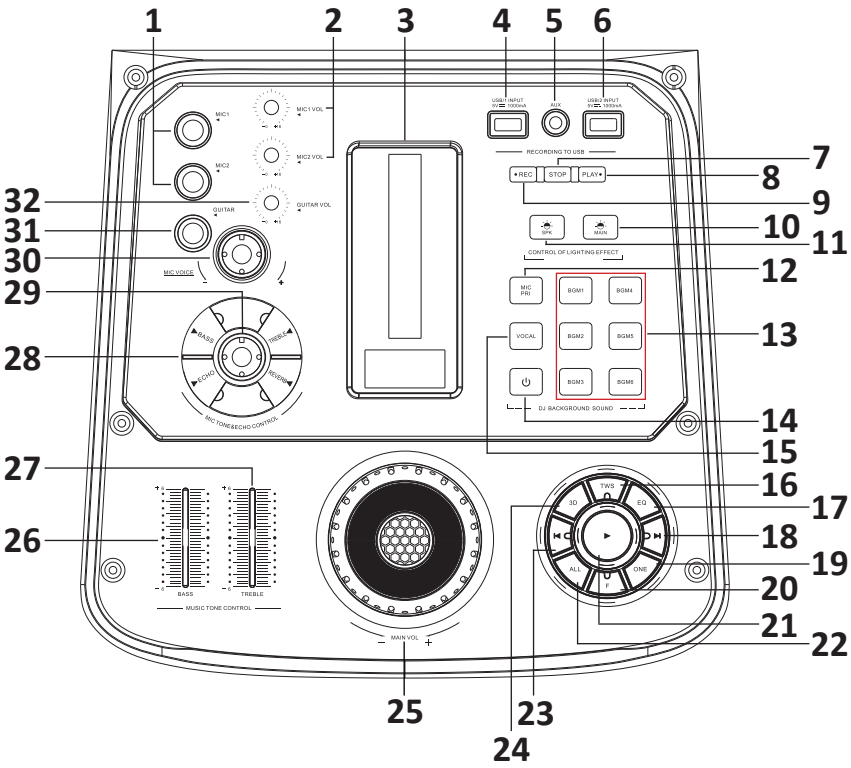
Under no circumstances should you attempt to disassemble the battery or charge its individual cells. For repair or maintenance, please contact an authorized service center. Puncturing or crushing the cells can cause an internal short circuit, leading to fire and explosion. Melting of lithium due to high temperatures can also cause an explosion. If the seal is broken, water or condensed atmospheric moisture can enter the cell, potentially triggering a reaction that releases hydrogen and causes a fire. You can check the current battery status using the battery indicator, which is available on almost all devices (please check its location and operation method at the time of purchase).

**CAUTION!**

- Be careful — damaged batteries may release harmful substances.
- If the battery is replaceable (removable), and you discover problems with its performance, contact a service center (see the warranty period in the warranty information). If the battery is built-in (an integral part of the device), the warranty applies to the device itself. You should also contact a service center. The sooner a malfunctioning battery is taken in for repair, the better the chances of restoring it at minimal cost.
- Battery operating time depends on many other factors, and the actual operating time may differ from the stated value.
- Rechargeable batteries have a limited number of charge cycles and may eventually need replacement (see the limited warranty conditions for the battery in the warranty information). Battery operating time depends on the usage mode and settings.

# Device Diagram

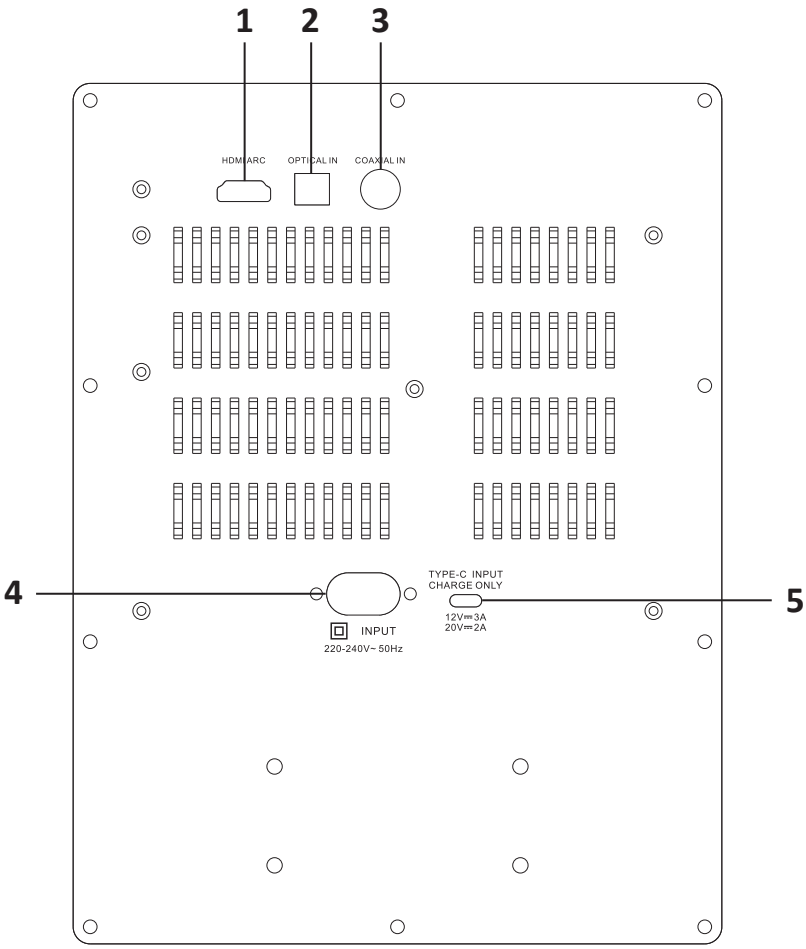
## Control Panel Diagram




1. 6.3 mm microphone input jacks.
2. Microphone volume controls.
3. Display.
4. USB 1 port (5 V, 1 A).
5. AUX input.
6. USB 2 port (5 V, 1 A).
7. Stop recording button.
8. Recorded audio playback button.
9. Start recording button.
10. Main lighting control button.
11. Speaker lighting control button.
12. Microphone priority button.
13. Background sound effect buttons.
14. Power button.
15. Vocal reduction button.

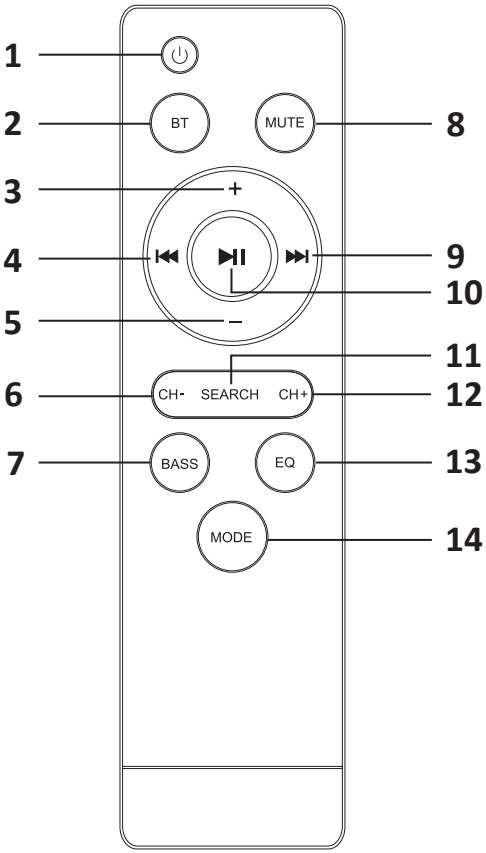
16. TWS button.
17. Equalizer button (FLAT, CLASSIC, JAZZ, ROCK, POP, BASS).
18. Next track button.
19. Repeat one track button (USB mode only).
20. Input source selection button (Bluetooth/USB/AUX/FM).
21. Play/Pause / radio station search button.
22. Repeat all tracks button (USB mode only).
23. Previous track button.
24. 3D mode button.
25. Main volume control.
26. Music bass slider.
27. Music treble slider.
28. Microphone mode buttons.
29. Microphone mode control.
30. Microphone pitch control.
31. 6.3 mm guitar input jack.
32. Guitar volume control.

## Rear Panel Diagram




1. HDMI ARC port (audio only).
2. Optical digital audio input.
3. Coaxial digital audio input.
4. AC power input (220–240 V ~ 50 Hz).
5. USB Type-C charging port (12 V ⎓ 3 A, 20 V ⎓ 2 A).

## Remote Control



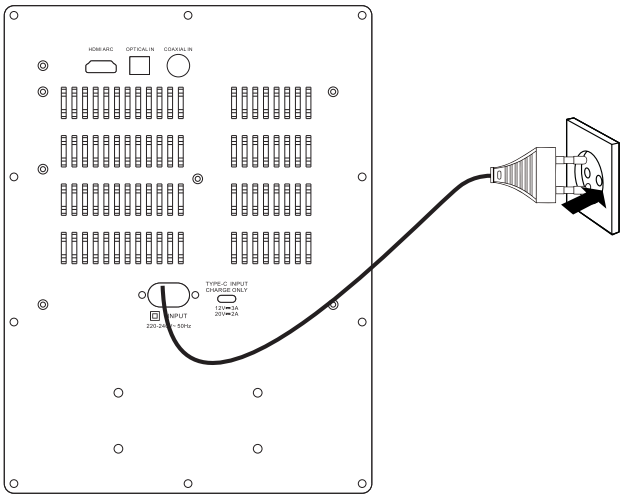

1. Power button.
2. Bluetooth button.
3. Volume up button.
4. Previous track button.
5. Volume down button.
6. Previous radio station button.
7. Bass button.
8. Mute button.
9. Next track button.
10. Play/Pause button.
11. Radio station search button.
12. Next radio station button.
13. Equalizer button.
14. Input source selection button.

# Operating Instructions

## Preparing for Use

### Connecting to the Power Supply

Connect the device to a power outlet.

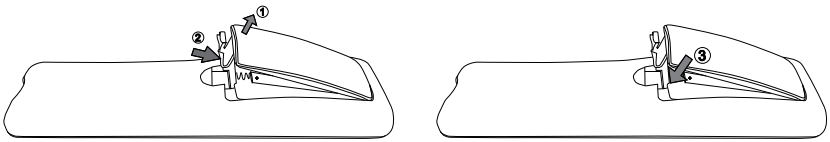



**CAUTION!**

- Do not use the device if the power cord is damaged. Contact an authorized service center to have it replaced.
- When disconnecting the device from the power supply, grasp the plug. Never pull on the power cord.

### Preparing the Remote Control

1. Open the battery compartment.
2. Insert two AAA batteries (not included), observing the correct polarity.
3. Close the battery compartment.




**CAUTION!**

- Remove the batteries if you do not plan to use the remote control for an extended period.
- Do not mix old and new batteries.

## Turning On the Device

The audio system can operate using either AC power or its built-in rechargeable battery.

1. Connect the power cord to the device and plug it into a power outlet if the battery is discharged.
2. Press the power button on the device's control panel. The power button will light up blue, and «Hi» will appear on the display.

## Turning Off the Device

To turn off the device, press and hold the power button on the control panel or press the power button on the remote control. The power button light will change from blue to red and then turn off.

**Note:** If you do not plan to use the device for an extended period, disconnect it from the power supply.

## Charging the Built-in Battery

The device is equipped with a built-in rechargeable battery. To charge it, connect the device to a power outlet using the power cord.

- During charging, the power button on the control panel will light up red.
- When the battery is fully charged, the power button light will turn off.

**CAUTION!** Do not leave the device unattended while charging.

## Built-in Battery Level Indicator

Turn on the device to check the battery level. The battery level indicator is located on the right side of the display.

- When the battery level is low, the device will emit an audible warning indicating that charging is required, and the battery indicator on the display will start flashing.
- If the sound becomes distorted during music playback, this indicates that the battery level is critically low.

**Notes**

- Fully charge the device if it will not be used for an extended period.
- Charge the device once a month to extend the battery life.

## Lighting

- Press the «SPK» button on the control panel to cycle through the speaker lighting modes or turn off the lighting.
- Press the «MAIN» button to cycle through the main lighting modes or turn off the lighting.

## Playing Audio from External Storage Devices

The audio system supports playback of MP3 audio files from USB storage devices.

1. Connect a USB storage device to the USB1 or USB2 port.
2. Press the «F» button on the control panel or the «MODE» button on the remote control to switch between input sources and select USB1 or USB2 mode.
3. Press the «⏮»/«⏭» buttons on the control panel or the «⏮»/«⏭» buttons on the remote control to switch between tracks.
4. Press the «▶»/«⏯» button to start or pause playback.

**CAUTION!** The USB1 port is intended only for connecting USB devices and does not support charging. The maximum supported USB storage capacity is 128 GB.

## Repeat Playback

**CAUTION!** This function is available only in USB mode.

- **Repeat all tracks.** Press the «ALL» button. The audio system will play all files on the USB storage device in sequence.
- **Repeat one track.** Press the «ONE» button. The audio system will repeatedly play the current track.

## Playing Audio via an Audio Cable

1. Press the input source selection button on the control panel or remote control until "AUX" appears on the display.
2. Connect the audio system to an external device using the supplied 3.5 mm audio cable. **CAUTION!** Turn off the device before connecting the cable to prevent unexpected noise.
3. Start music playback on the external device. In AUX mode, playback can only be controlled from the audio source.

## HDMI ARC Connection

The HDMI ARC port is intended for audio transmission only and does not support other file formats.

- When the TV is turned off, the audio system will automatically turn off. Similarly, when the audio system is turned off, the TV will automatically turn off.
- Turning on either device does not automatically turn on the other.
- You can adjust the audio system's volume using the TV remote control. However, the audio system's remote control cannot be used to operate TV functions, such as menu navigation.

**Note:** If you experience connection problems, check the HDMI ARC settings and device compatibility, or reset the connection.

## FM Radio Mode

1. Insert one end of the 3.5 mm audio cable into the AUX input. The cable will serve as an antenna. Position the other end vertically, as high as possible.
2. Press the «F» button on the control panel or the «MODE» button on the remote control to select FM mode.
3. Press the «▶» button on the control panel or the «SEARCH» button on the remote control to start the automatic station search.
   **Note:** The audio system will automatically save the stations it finds.
4. Press the «⏮»/«⏭» buttons on the control panel or the "CH-"/"CH+" buttons on the remote control to switch between saved stations.

## Bluetooth Mode

1. Press the «F» button on the control panel or the «MODE» button on the remote control to select Bluetooth mode. «BLUE» will appear on the display. A flashing Bluetooth icon on the left side of the display indicates that no source device is connected.
2. Enable Bluetooth on the source device. Select «FIERO FRPA-200» from the list of available devices.
3. Once the connection is established, an audible signal will sound, and the Bluetooth icon will stop flashing.
4. Press the «⏮»/«⏭» buttons on the control panel or the «⏪»/«⏩» buttons on the remote control to switch between tracks. Press the «▶»/«⏯» button to start or pause playback.
5. To disconnect Bluetooth, press and hold the «▶» button on the control panel.

**Note:** No password is required for pairing.

## TWS Function

The TWS function allows two devices of the same model to be connected for stereo playback.

1. Place both devices close to each other.
2. Turn on both devices and switch them to Bluetooth mode.
3. Press the TWS button on the control panel of device **A**, then press the TWS button on device **B**. The main volume controls on both devices will start flashing red, indicating that pairing is in progress.
4. Once the connection is established, the volume control lighting will change to blue. «BLUE» will appear on the display of device **A**, indicating that it is the main speaker. «TWS» will appear on the display of device **B**, indicating that it is the secondary speaker.
5. Enable Bluetooth on the source device and connect it to the main speaker.
6. To disconnect the TWS connection, press the TWS button on the main speaker.

**Notes**

- Before pairing, make sure neither speaker is connected to another device via Bluetooth, as this may interfere with the TWS connection. If a speaker is already connected to another device, press and hold the «▶» button on its control panel to disconnect it.
- Once the TWS connection is established, you can adjust the secondary speaker's volume using the main speaker.

## Sound Settings

Use the sliders to adjust the sound:

- **BASS:** Move the slider up/down to increase/decrease the bass level.
- **TREBLE:** Move the slider up/down to increase/decrease the treble level.

### Equalizer

Press the equalizer button to cycle through the following modes:

- FLAT.
- CLASSIC.
- JAZZ.
- ROCK.
- POP.
- BASS.

### 3D Mode

- Press the corresponding button to add a 3D effect to the music.
- Press the button again to disable this mode.

### Background Sound Effects

Use the BMG1–BMG6 buttons to turn the corresponding background sound effects on/off.

## Connecting a Microphone/Guitar

1. Connect a microphone/guitar to the corresponding input on the audio system.
2. Adjust the volume using the corresponding controls.

## Using the Microphone

### Microphone Settings

- Adjust the microphone pitch using the corresponding control.
- Select the desired microphone mode:
  - TREBLE — microphone treble.
  - BASS — microphone bass.
  - ECHO — echo effect.
  - REVERB — reverberation effect.
- Adjust the selected setting using the corresponding control.

### Vocal Reduction

Press the "VOCAL" button to reduce the volume of vocals in a track while keeping the instrumental accompaniment.

### Microphone Priority

- Press the "MIC PRI" button to give the microphone priority over music.
- Press the button again to disable this function.

## Recording Audio to External Storage

This function allows the audio system to record signals from external devices in Bluetooth, USB2, AUX, and FM modes.

1. Insert the USB storage device you want to record audio to into the USB1 port.
2. Select the input source and press the Start Recording button. "REC" will appear on the display, and the button will start flashing red during recording.
3. To stop recording, press the "STOP" button. The "REC" button will stop flashing.
4. Press the "PLAY" button to play the newly recorded audio file. The button will start flashing green. To stop playback, press the "STOP" button.
5. To delete the recording, press and hold the "PLAY" button during playback. "DEL" will appear on the display.

## Factory Reset

In AUX mode, press and hold the speaker lighting control button for several seconds to restore the factory settings.

# Specifications

- Model: FRPA-200.
- Trademark: Fiero.
- RMS output power: 80 W.
- Number of channels: 2.
- Woofer: 203 mm / 8", 4 Ω × 1.
- Tweeter: 70 mm / 2.75", 4 Ω × 2.
- Frequency response: 40 Hz — 20 kHz.
- Signal-to-noise ratio: ≥ 72 dB.
- Total harmonic distortion (THD): ≤ 1%.
- Bluetooth version: 5.0.
- Wireless standard: IEEE 802.15.1.
- Operating frequency: 2402–2480 MHz.
- Transmitter power: < 11 dBm.
- Bluetooth profiles: A2DP, AVRCP, HFP, HSP, OPP, HID, SPP, PBAP, GATT, SM.
- Bluetooth codecs: SBC, AAC.
- Wireless range: 10 m.
- TWS support.
- Connectors: 6.3 mm jack × 3, AUX, USB × 2.
- USB storage playback.
- Supported file systems: FAT12, FAT16, FAT32.
- Supported file formats: MP3, WMA, WAV.
- Maximum supported storage capacity: 64 GB.
- Built-in FM receiver.
- FM frequency range: 87.5–108 MHz.
- Power supply: 220–240 V ~ 50–60 Hz (AC); 5 V ⎓ 3 A (DC).
- Built-in battery: Li-ion, 11.1 V, 6000 mAh.
- Battery life at medium volume: Up to 4.5 hours.
- Battery life at maximum volume: Up to 2 hours*.
- Charging time: Up to 2 hours.
- Charging ports: AC C7 / USB Type-C.
- Device dimensions: 340 × 320 × 545 mm.
- Device weight: 13.2 kg.
- Power cord attachment type: X.
- Protection class: II.
- IP code: IPXX.
- Scope of application: Domestic.
- Package contents: Device, remote control, power cord, 3.5 mm jack — 3.5 mm jack audio cable, user manual.

* Playback time depends on the volume level and the characteristics of the music being played.

# Troubleshooting Guide

If the steps below do not resolve the issue, contact an authorized service center.

| Issue | Solution |
|---|---|
| No power | Make sure the power cord is properly connected |
| | Check that the power outlet is working and supplying power |
| No sound or very low volume | Check the volume settings on both the audio system and the source device. Increase the volume if necessary |
| | Make sure the audio source is properly connected to the audio system. Reconnect the device if necessary |
| The device does not respond | Disconnect and reconnect the power cord, then turn on the device again |
| The remote control does not work | Before pressing any button on the remote control, select the desired input source using the main unit rather than the remote control |
| | Move the remote control closer to the device |
| | Check that the batteries are installed correctly |
| | Replace the batteries with new ones |
| | Point the remote control directly at the sensor on the front panel of the device |
| USB device not supported | The USB device is incompatible with the audio system. Try connecting another USB storage device |
| | The USB storage device is damaged |
| Unable to connect via Bluetooth | Make sure the audio system is not connected to any other devices via Bluetooth. Disconnect any active connections before attempting to pair |
| | Turn Bluetooth off and back on again on the source device. Then search for the audio system and reconnect |
| | Turn the audio system off completely and then turn it back on. Make sure it is in Bluetooth mode |

# Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- The device does not require installation or permanent mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported under dry conditions.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

# Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

**Warranty Period:** 12 months
**Service Life:** 24 months

**For the up-to-date list of authorized service centers, please visit:**
https://www.dns-shop.ru/service-center/

# Additional Information

**Manufacturer:** Guangzhou Jie Li Electron Co., Ltd.
No.5 Xinkekejiayuanxing Road, Jiahe Street, Baiyun District, Guangzhou City, Guangdong Province, P.R.China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

Production date (mm.yyyy):_____v.1


Fiero