User Manual

Portable Speaker
P580

Fiero

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Dear Customer,

Thank you for choosing our products.
We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, 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 speaker is designed for playing music, including in places without access to a power source.

Safety Precautions

- Do not place this device near heat sources or heating elements.
- Protect the device from moisture, dust, and extreme temperatures.
- Do not use the device near sources of water or other liquids. Never place the device under running water or immerse it in water. If water gets inside the device housing, immediately contact an authorized service center.
- Protect the device from impacts, drops, vibrations, and other mechanical stress.
- Prevent foreign objects from entering the device housing to avoid damage to the device and harm to the user's health.
- Do not disassemble the device yourself to avoid electric shock. This device contains no user-serviceable parts. Maintenance and repairs should only be performed by qualified technicians at an authorized service center.
- Do not place open flames near the device or directly on its housing.
- Place the device only on flat, stable surfaces.
- Avoid blocking the ventilation openings that ensure proper operation of the device. Ensure adequate airflow when placing the device on soft surfaces (sofa, armchair, carpet, etc.).
- Use only the accessories supplied with the device.
- Do not use the device after it has been dropped or if there is visible damage. Contact a service center.
- If any malfunctions are detected, immediately disconnect the device and contact an authorized service center.
- Do not use benzene-based substances, aerosols, alcohols, solvents, etc., to clean the device, as they may damage its components and painted surfaces. To clean the device, use only a soft, dry (or slightly damp) cloth.
- Listening to music at high volume may damage your hearing.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.
- This device is not intended for commercial use.

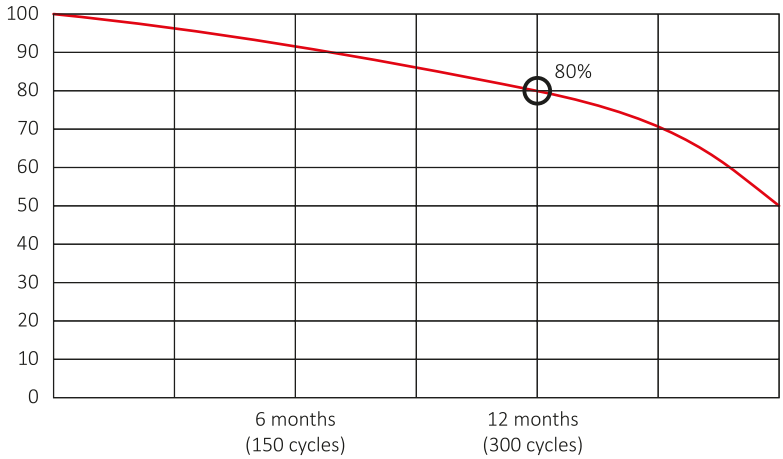
Rechargeable Battery Guidelines (Li-pol/Li-ion)

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, batteries are not durable and constantly 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 by the electrical grids, 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 prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

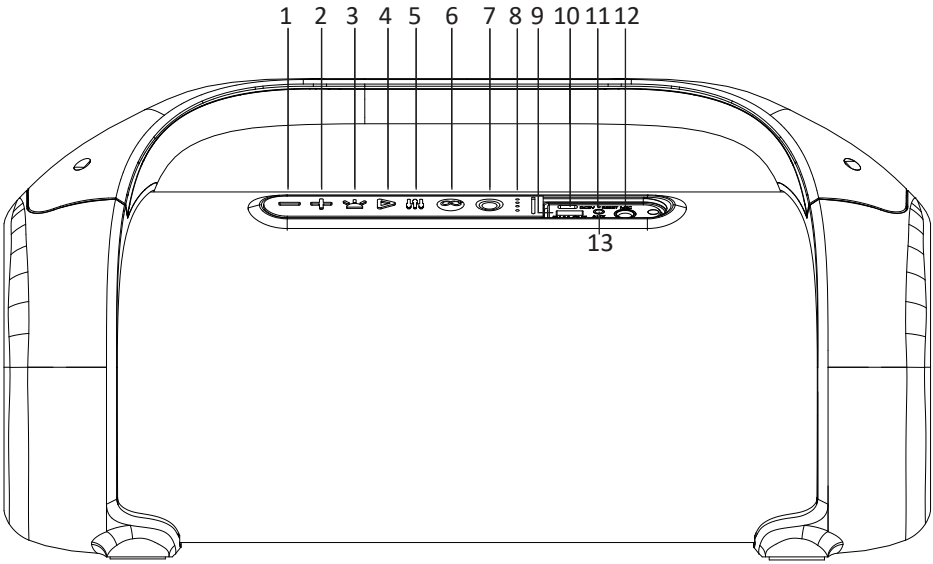
Do Not Disassemble, Burn, or Use Damaged Batteries

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 you bring a malfunctioning battery in for repair, the more likely it can be restored with 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.

Control Panel Diagram



1. « − » button:
   - Press once — decrease volume.
   - Press and hold — previous track.
2. « + » button:
   - Press once — increase volume.
   - Press and hold — next track.
3. « » button: Press to switch RGB backlight modes.
4. « ▷ » button:
   - Press once — play/pause.
   - Press and hold — activate voice assistant (on the connected mobile device).
   - In Bluetooth mode, when there is an incoming call: press to answer/end a call; press and hold to reject a call; during a call, press to switch to phone conversation.
5. « » button:
   - Press to switch between preset equalizer settings.
   - Press and hold for 8 seconds — factory reset.
6. « » button: Enable TWS mode.
7. « ○ » button: Press and hold — turn the device on/off.
8. Battery level indicator.
9. USB connector for portable power bank mode.
10. USB Type-C port for charging the device.
11. Reset hole.
12. Microphone input jack.
13. AUX line input.

Operating Instructions

Bluetooth Pairing

1. Press the « ◯ » button to turn on the device. The device will automatically enter Bluetooth mode.
2. Activate Bluetooth on your mobile device.
3. Search for available Bluetooth devices and select “Fiero P580” from the list.
4. Tap the device name to establish the connection.
5. Control playback from the signal source or using the buttons on the device control panel.
6. To disconnect from the Bluetooth device, press and hold the « ∞ » button.

CAUTION: When an AUX cable is connected, the Bluetooth connection will be disconnected, and playback will start from the connected source. When the AUX cable is disconnected, the device will return to Bluetooth mode.

TWS Function (True Wireless Stereo)

TWS technology allows you to use two speakers paired via Bluetooth to create a wireless two-channel system with stereo sound.

1. To create a TWS connection, place the two speakers within Bluetooth range. Both devices must have the same connection name.
2. Turn on both speakers and press the « ∞ » button on one of the devices. This device will be the “primary” device in the pair, and its « ∞ » button will light up after successful pairing
3. Connect both devices to the signal source.
4. To disconnect the TWS pair, press the « ∞ » button on the primary speaker.

CAUTION: When TWS is activated, the previous Bluetooth connection will be disconnected. After successful TWS pairing, you will need to reconnect via Bluetooth.

Portable Power Bank Mode

1. Press the « ◯ » button to turn on the device.
2. Connect a device with a low battery to the USB port. Charging will start automatically.

Line Connection to a Signal Source

1. Connect the device to the signal source using the included audio cable.
2. Playback will start automatically.
3. Control playback from the source device.

Charging the Device

1. Press the « ◯ » button to turn off the device.
2. Connect the device to a power source using the included Type-C cable. After charging is complete, all 4 battery charge indicators will light up.
3. Charging time: 5–9 hours.
4. When playing audio while charging the device, do not set the volume to maximum to avoid damaging the charger.

5. To avoid shortening the battery life, do not charge the device for more than 8 hours continuously.

Forced System Reset

If the device does not respond to button presses or does not turn off, press the reset button in the corresponding hole with a thin, rigid object (such as a paper clip or pin).

Troubleshooting Guide

Issue	Solution
The device does not turn on	Check the battery level
No sound or sound is too quiet	Check the volume level on both the player and the signal source. Increase the volume if necessary
	Check that the signal source is correctly connected to the player
Sound distortion	Adjust the volume directly on the signal source to the optimal level

Specifications

- Model: P580.
- Trademark: Fiero.
- Built-in battery: 7.4 V, 4400 mA·h.
- Power supply: Type-C, DC 5 V / 1.5 A.
- Speaker configuration: 3’’, 4 Ω × 2; 5’’, 4 Ω × 1.
- 2 passive subwoofers.
- Number of channels: 2.0.
- Output power: 80 W.
- Charging time: 5 hours (when charging from a 2 A adapter).
- Playback time: 9 hours.*
- Bluetooth version: 5.0.
- Bluetooth wireless standard: IEEE 802.15.2.
- Bluetooth frequency range: 2402–2483.5 MHz.
- Bluetooth transmitter power: up to 10 mW.
- Bluetooth profiles: A2DP, AVRCP, HFP, HSP.
- Bluetooth range: up to 10 meters.
- Supported connections: USB, Bluetooth, AUX-IN.
- IP code: IPX5.
- TWS support.
- Dimensions: 452 × 182 × 234 mm.
- Frequency range: 50 Hz – 15 kHz.
- Signal-to-noise ratio: ≥85 dB.
- THD: ≤10%.
- Scope of application: Domestic.

Package Contents

- Portable sound system Fiero P580.
- USB Type-C charging cable.
- 3.5 mm jack audio cable.
- User manual.

*Playback time depends on the volume level.

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

- This device requires no assembly or 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 in a dry place.
- 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.
- Upon expiration of the service life of batteries supplied with the device, do not dispose of them with other household waste. Batteries must be disposed of in accordance with local waste recycling regulations to prevent potential environmental harm resulting from uncontrolled waste disposal.

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: Huizhou Jiemeisi Technology Co., Ltd.
No.63, Humei Street, Dashuling, Qingtang, Xiaojinkou Subdistrict, Huicheng District, Huizhou City, Guangdong province, 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