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Joyroom JR-PBF12

Joyroom JR-PBF12 10000mAh LED Power Bank

User Manual

Introduction

Thank you for choosing the Joyroom JR-PBF12 10000mAh LED Power Bank. This compact and powerful device is designed to keep your mobile devices charged on the go. Featuring multiple output ports and advanced safety features, it provides reliable and efficient power delivery. Please read this manual carefully before using the product to ensure proper operation and to maximize its lifespan.

Product Overview

The Joyroom JR-PBF12 power bank is designed for portability and convenience. It features a sleek black finish with an integrated LED display for battery status.



Figure 1: Front view of the Joyroom JR-PBF12 Power Bank, showcasing its compact design and LED indicator.

Ports and Indicators

The power bank is equipped with various ports for charging and recharging, along with an LED display to indicate battery level.



Figure 2: Detailed view of the power bank's input/output ports, including USB-C and dual USB-A ports.

- **USB-C Port:** Functions as both input (for charging the power bank) and output (for charging devices).
- **USB-A Ports (x2):** Dedicated output ports for charging devices.
- **LED Indicators:** Display the remaining battery capacity of the power bank.
- **Power Button:** Activates the power bank and checks battery status.

Specifications

Feature	Detail
Model Number	JR-PBF12
Brand	Joyroom
Battery Capacity	10000mAh (3.7V / 37Wh)
Rated Capacity	5800mAh (5V / 2.4A)
USB-C Input	5V/2.4A
USB-C Output	5V/2.4A
USB-A1 Output	5V/2.4A
USB-A2 Output	5V/2.4A
Total Output	5V/2.4A (Max)
Dimensions	25.4 x 15.24 x 2.54 cm
Weight	230 grams
Color	Black
Compatible Devices	Smartphones, Tablets, and other USB-powered devices

Setup

Initial Charging of the Power Bank

Before first use, fully charge your Joyroom JR-PBF12 power bank.

1. Connect the USB-C port of the power bank to a compatible USB wall charger (not included) using a USB-C cable.
2. The LED indicators will light up to show the charging progress. When all LEDs are solid, the power bank is fully charged.

Connecting Devices for Charging

The power bank supports charging up to three devices simultaneously.



Figure 3: The power bank connected to and charging multiple devices at once, demonstrating its multi-port capability.

1. Use your device's original charging cable or a certified cable.
2. Connect one end of the cable to your device and the other end to any available output port (USB-A1, USB-A2, or USB-C) on the power bank.
3. The power bank will automatically begin charging your device. If not, press the power button once.

Operating Instructions

Checking Battery Level

Press the power button once to activate the LED indicators, which will show the remaining battery capacity.

Charging Your Devices

Connect your device to any of the output ports (USB-A or USB-C). The power bank will automatically detect and deliver the optimal charging current. You can charge smartphones, tablets, smartwatches, and other USB-powered gadgets.

Recharging the Power Bank

When the LED indicators show low battery, recharge the power bank using the USB-C input port. Connect it to a wall adapter, computer USB port, or car charger.

Safety Information

The Joyroom JR-PBF12 power bank is built with multiple safety protections to ensure safe and reliable operation.



Figure 4: Visual representation of the power bank's integrated safety features, including over-charge and short-circuit protection.

- **Over-charge Protection:** Prevents battery damage from overcharging.
- **Over-discharge Protection:** Protects the battery from being fully depleted.
- **Over-voltage Protection:** Safeguards against excessive voltage input.
- **Temperature Control:** Smart chip manages internal temperature to prevent overheating during charging and discharging.
- **Short-circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Over-current Protection:** Prevents damage from excessive current flow.

Important Safety Precautions:

- Do not expose the power bank to extreme temperatures (above 60°C/140°F or below 0°C/32°F).
- Do not disassemble, puncture, or modify the device.
- Keep away from water, moisture, and flammable materials.
- Dispose of the power bank responsibly according to local regulations.

Maintenance

- Clean the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store the power bank in a cool, dry place when not in use.
- For optimal battery health, fully charge and discharge the power bank at least once every three months if stored for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Power bank not charging	Charging cable or adapter faulty; Power bank fully charged; Loose connection.	Try a different cable/adapter; Check LED indicators; Ensure connections are secure.
Device not charging from power bank	Power bank battery empty; Device cable faulty; Power bank not activated; Incompatible device.	Recharge power bank; Try a different cable; Press power button; Ensure device is USB-compatible.
Slow charging	Cable resistance; Device input limit; Multiple devices charging.	Use a high-quality cable; Check device's charging specifications; Charge fewer devices simultaneously.
LED indicators not working	Power bank is off; Faulty unit.	Press the power button; Contact customer support if issue persists.

Warranty and Support

Joyroom products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Joyroom website. If you encounter any issues or require technical assistance, please contact Joyroom customer support through their official channels or the retailer from whom you purchased the product.
For more information, visit the Joyroom Store on Amazon.

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