

## BoxWave PD miniSync 240W Retractable USB Type-C Cable

# BoxWave PD miniSync 240W Retractable USB Type-C Cable Instruction Manual

Model: PD miniSync (240W)

## 1. INTRODUCTION

This manual provides instructions for the proper use, setup, operation, and maintenance of your BoxWave PD miniSync 240W Retractable USB Type-C Cable. Please read this manual thoroughly before using the product to ensure optimal performance and longevity. This cable is designed for compatibility with devices such as the Lepow J3 Portable Monitor (15.6 in).

## 2. PRODUCT OVERVIEW

The BoxWave PD miniSync is a retractable USB Type-C cable engineered for high-power delivery and data transfer. Its innovative design allows for adjustable lengths and compact storage, reducing cable clutter.

### Key Features:

- **Retractable Design:** Allows for adjustable cable lengths and compact storage.
- **240W Power Delivery:** Supports high-speed charging for compatible devices.
- **USB Type-C Compatibility:** Universal connectivity with a wide range of devices.
- **High-Speed Data Transfer:** Capable of data transfer speeds up to 10 Gbps.



Figure 2.1: The BoxWave PD miniSync cable shown with a compatible portable monitor.

The retractable mechanism ensures the cable remains organized and free from tangles, making it ideal for portability.



Figure 2.2: A close-up of the compact, retractable unit of the PD miniSync cable.

### 3. SETUP

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To set up your BoxWave PD miniSync cable, follow these steps:

1. **Identify Ports:** Locate the USB Type-C ports on your devices (e.g., power adapter, laptop, portable monitor, smartphone).
2. **Extend Cable:** Gently pull both ends of the retractable unit simultaneously to extend the cable to your desired length. Avoid pulling only one end, as this may damage the retraction mechanism.
3. **Connect Devices:** Insert one USB Type-C connector into your power source or host device (e.g., laptop). Insert the other USB Type-C connector into your target device (e.g., Lepow J3 Portable Monitor, smartphone).
4. **Verify Connection:** Ensure both connectors are fully seated in their respective ports. Your device should begin charging or establish a data connection.



Figure 3.1: The PD miniSync cable connected between a laptop and a smartphone, illustrating a typical setup for charging or data transfer.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Extending and Retracting the Cable

- **To Extend:** Hold the central unit and gently pull both USB Type-C connectors outwards simultaneously until the cable reaches the desired length. The cable has multiple preset lengths for convenience.
- **To Retract:** Give a quick, gentle tug on both connectors simultaneously. The cable will automatically retract into the central unit. Ensure the cable is not twisted before retracting.





# Power Delivery

PD miniSync offers high performance charging with a power output of up to 240W



Figure 4.1: Demonstrating the extension of the retractable cable by pulling both ends.

## 4.2 Charging Devices

The PD miniSync cable supports Power Delivery (PD) up to 240W. Connect the cable between a compatible USB Type-C power adapter and your device. The charging speed will depend on the capabilities of both your power adapter and your device.

# 6 Adjustable Lengths

Comfortably access your device while charging with PD miniSync



Figure 4.2: The PD miniSync cable providing power to a laptop, highlighting its power delivery capability.

## 4.3 Data Transfer

This cable facilitates high-speed data transfer between compatible USB Type-C devices, with speeds up to 10 Gbps. Connect the cable between two devices that support data transfer via USB Type-C to initiate file synchronization or data exchange.





# Compact & Light

At only 3", PD miniSync fits easily into your pocket or bag

Figure 4.3: Visual representation of the cable's high-speed data syncing capabilities.

## 5. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to wipe the cable and connectors. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, fully retract the cable for compact and tangle-free storage. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always pull from the connector ends, not the cable itself, when plugging or unplugging. Avoid excessive force when extending or retracting the cable.

## 6. TROUBLESHOOTING

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### 6.1 Device Not Charging

- **Check Power Source:** Ensure the power adapter is functioning correctly and provides sufficient power for your device.
- **Verify Connections:** Make sure both ends of the cable are securely connected to the power source and

the device.

- **Cable Integrity:** Inspect the cable for any visible damage. If damaged, discontinue use.
- **Device Compatibility:** Confirm that your device supports charging via USB Type-C and Power Delivery.

6.2 Data Transfer Issues

- **Check Device Settings:** Ensure both connected devices are configured to allow data transfer.
- **Port Functionality:** Test the USB Type-C ports on your devices with another known-good cable to rule out port issues.
- **Cable Integrity:** As with charging, inspect the cable for damage.

6.3 Retraction Mechanism Malfunction

- **Even Pull:** Ensure you are pulling both ends of the cable simultaneously and evenly when extending or retracting. Uneven force can cause jamming.
- **Obstructions:** Check for any foreign objects or debris that might be obstructing the retraction mechanism.

7. SPECIFICATIONS

Feature	Detail
Model Name	PD miniSync (240W)
Connector Type	USB Type-C to USB Type-C
Power Delivery	Up to 240W
Data Transfer Speed	Up to 10 Gbps
Cable Type	Retractable Ribbon-style
Retracted Length	Approximately 3 inches (7.6 cm)
Extended Length	Up to 2.5 feet (76 cm)
Material	Durable Polycarbonate, Heavy Duty Ribbon Cable
Color	Jet Black
Item Weight	1.5 ounces (42.5 grams)
Manufacturer	BoxWave

8. WARRANTY AND SUPPORT

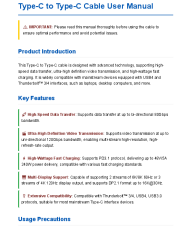





For warranty information, please refer to the documentation included with your purchase or visit the official BoxWave website. For technical support or inquiries, please contact BoxWave customer service.

BoxWave Customer Service:

- **Website:** [www.boxwave.com](http://www.boxwave.com)
- **Email:** Refer to website for contact form or email address.
- **Phone:** Refer to website for phone support options.



## Related Documents - PD miniSync 240W Retractable USB Type-C Cable

	<p><a href="#">Type-C to Type-C Cable User Manual - High Speed Data, 240W Charging, 16K Video</a></p> <p>User manual for the Type-C to Type-C Cable, detailing its features like 80Gbps data transfer, 120Gbps video output, 240W PD3.1 fast charging, and extensive compatibility with USB4 and Thunderbolt 3/4. Includes usage precautions and troubleshooting tips.</p>
	<p><a href="#">CIO-NLSC-FL-CC USB Type-C to Type-C Mate Flat Spiral Cable User Manual</a></p> <p>User manual for the CIO-NLSC-FL-CC USB Type-C to Type-C Mate Flat Spiral Cable, featuring PD3.1 EPR 240W fast charging, specifications, precautions, and warranty information from CIO Co., Ltd.</p>
	<p><a href="#">JETE CX20 Cable User Manual and Warranty Information</a></p> <p>Comprehensive user manual and warranty details for the JETE CX20 Type-C multimedia cable, featuring 240W power delivery, 40Gbps speed, and 8K resolution support. Includes product specifications, usage instructions, maintenance tips, and warranty claim procedures.</p>
	<p><a href="#">Limitless Elite 15,000mAh Power Bank: Quick Start Guide, Features &amp; Specs</a></p> <p>Comprehensive guide to the Limitless Elite 15,000mAh Power Bank, covering its features, components, charging methods, technical specifications, compatibility, and safety warnings. Includes built-in cables, wireless charging, and GaN technology.</p>
	<p><a href="#">Proove FIXTAPE 65W Type-C Charger with Retractable Cable - User Manual</a></p> <p>User manual for the Proove FIXTAPE 65W Type-C charger with a retractable cable. Includes product specifications, operation instructions, and safety warnings.</p>
	<p><a href="#">Lepow Z1 Series 15.6" Portable Display User Guide</a></p> <p>Comprehensive user guide for the Lepow Z1 Series 15.6-inch portable display, covering package contents, monitor introduction, device connectivity via Type-C and HDMI, display mode settings, OSD functions, specifications, supported devices, care instructions, and contact information.</p>