BoxWave DirectSync PD Cable

BoxWave DirectSync PD Cable (3ft) - USB-C to USB-C (100W) Instruction Manual

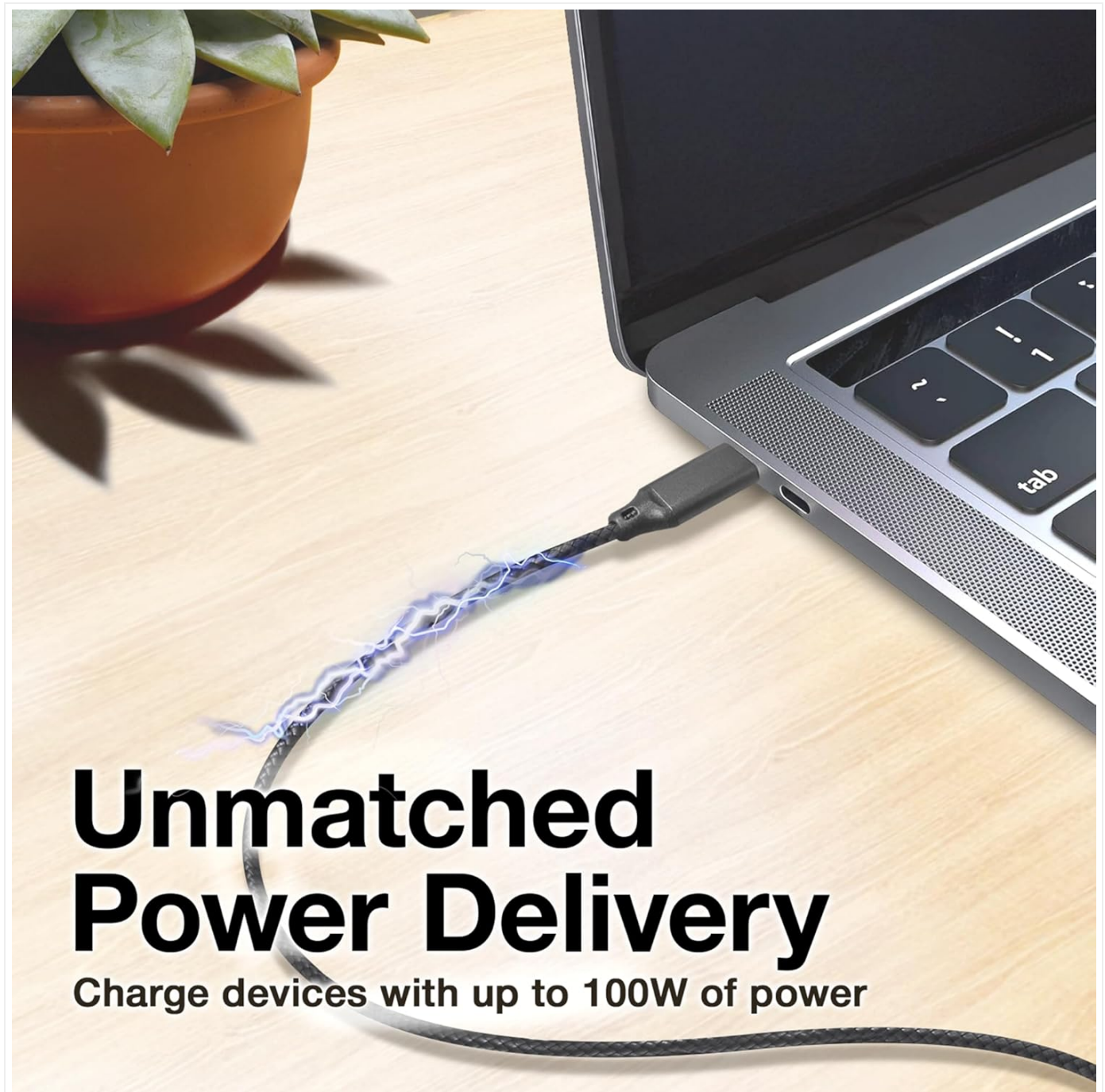Model: DirectSync PD Cable

1. INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your BoxWave DirectSync PD Cable. This USB-C to USB-C cable is designed for efficient power delivery up to 100W and high-speed data transfer, compatible with various USB-C devices, including the XTool XT90.

Image 1.1: The BoxWave DirectSync PD Cable, coiled for storage.

2. PRODUCT FEATURES

- **100W Power Delivery:** Supports fast charging for a wide range of USB-C devices, including laptops, tablets, and smartphones, with power delivery up to 100 Watts.

- **High-Speed Data Transfer:** Facilitates data synchronization at speeds up to 480Mbps, allowing for quick file transfers while charging.

- **Durable Braided Design:** Constructed with high-grade nylon braiding for enhanced durability, resistance to tangles, and protection against daily wear and tear.

- **Reinforced Strain Relief:** Features rubberized grommet strain reliefs at both connector ends to prevent cable fraying and ensure a stable connection over time.

- **Universal USB-C Compatibility:** Designed for use with USB-C enabled devices, such as the XTool XT90.

Image 2.1: The cable connected to a laptop, illustrating its power delivery capability.

Image 2.2: The cable simultaneously charging a laptop and a smartphone, demonstrating charge and sync functionality.

3. SETUP AND CONNECTION

1. **Identify Ports:** Ensure your device and power source (e.g., wall adapter, computer) have compatible USB-C ports.

2. **Connect to Power Source:** Insert one end of the BoxWave DirectSync PD Cable into a USB-C power adapter or a USB-C port on a computer.

3. **Connect to Device:** Insert the other end of the cable into the USB-C port of your device (e.g., XTool XT90, laptop, smartphone).

4. **Verify Connection:** Confirm that both ends of the cable are securely seated in their respective ports. Your device should indicate that it is charging or connected for data transfer.

Image 3.1: The BoxWave DirectSync PD Cable connected to an XTool XT90 device.

4. OPERATING INSTRUCTIONS

4.1 Charging Your Device

To charge your device, connect the cable as described in the "Setup and Connection" section. The cable supports Power Delivery (PD) up to 100W, allowing for rapid charging when paired with a compatible power adapter and device. Charging speed may vary based on the power source and device capabilities.

4.2 Data Transfer

For data transfer, connect your device to a computer using the BoxWave DirectSync PD Cable. Once connected, your device should appear as a removable storage device or prompt you to select a connection mode (e.g., "File Transfer," "PTP"). Follow your device's instructions to initiate data transfer. The cable supports data speeds up to 480Mbps.

5. MAINTENANCE AND CARE

- **Storage:** Store the cable in a clean, dry place away from extreme temperatures and direct sunlight. Avoid tightly coiling or bending the cable at sharp angles to prevent internal damage.
- **Cleaning:** Use a soft, dry cloth to gently wipe the cable and connectors. Do not use liquid cleaners or abrasive materials.
- **Handling:** Always grasp the connector head when plugging or unplugging the cable, rather than pulling on the cable itself. This helps preserve the integrity of the strain relief and internal wiring.
- **Inspection:** Periodically inspect the cable for any signs of wear, fraying, or damage to the connectors. Discontinue use if damage is observed.

Image 5.1: A close-up view of the durable nylon braided cable design.

Image 5.2: Detail of the reinforced strain relief, designed to prevent cable damage at the connector.

6. Troubleshooting

Problem	Possible Cause	Solution
Device not charging.	- Loose connection. - Incompatible power adapter. - Device or power source issue.	- Ensure cable is firmly plugged into both device and power source. - Use a USB-C PD compatible power adapter. - Test with another cable or power source to isolate the issue.

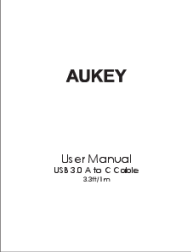| Problem	Possible Cause	Solution
Slow charging speed.	◦ Power adapter not sufficient for 100W PD. ◦ Device does not support fast charging.	◦ Use a power adapter that supports 100W Power Delivery. ◦ Verify your device's charging specifications.
Data transfer not working.	◦ Incorrect device connection mode. ◦ Driver issues on computer.	◦ On your device, select "File Transfer" or "MTP" mode. ◦ Ensure your computer has the necessary drivers for your device.

7. SPECIFICATIONS

- **Model:** DirectSync PD Cable

- **Brand:** BoxWave

- **Connector Type:** USB-C to USB-C

- **Cable Length:** 3 feet (approximately 100 cm)

- **Power Delivery:** Up to 100W

- **Data Transfer Speed:** Up to 480Mbps

- **Material:** High-grade Nylon Braided

- **Color:** Jet Black

- **Item Weight:** 3 ounces

8. WARRANTY AND SUPPORT

BoxWave products are designed for reliability and performance. For information regarding warranty coverage, technical support, or to contact customer service, please visit the official BoxWave website or refer to the product packaging for specific details.

Website: www.boxwave.com

Related Documents - **DirectSync PD Cable**

	[AUKEY CB-CD2 3.3ft/1m USB 3.0 A to C Cable User Manual](#) User manual for the AUKEY CB-CD2 3.3ft/1m USB 3.0 A to C Cable, providing specifications, package contents, and warranty information.
	[DJI RC PLUS Package Contents](#) Detailed list of items included in the DJI RC PLUS package, covering remote controller, power adapter, cables, and battery. Information is provided in multiple languages for user convenience.
	[AUKEY CB-CMD3 USB 3.0 A to C Cable User Manual](#) User manual for the AUKEY CB-CMD3 USB 3.0 A to C Cable, including package contents, specifications, and warranty information.
	[dbramante1928 CB20CCBL4389 USB-C to USB-C 100W Cable - 2m, Black](#) This document provides essential information for the dbramante1928 CB20CCBL4389, a 2-meter USB-C to USB-C 100W cable. It includes specifications, safety usage guidelines, warranty details, and customer service information, available in multiple languages.
	[AUKEY CB-CD5 3.3ft/1m USB-C to C Cable User Manual](#) Official user manual for the AUKEY CB-CD5 3.3ft/1m USB-C to C Cable. Find specifications, package contents, warranty information, and customer support details from AUKEY.
	[AUKEY CB-CMD1 3.3ft/1m USB 3.0 A to C Cable User Manual](#) User manual for the AUKEY CB-CMD1, a 3.3ft/1m USB 3.0 A to C cable. Includes specifications, package contents, warranty information, and support contacts.