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> BoxWave MagnetoSnap PD Angle Adapter Instruction Manual

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Model: MagnetoSnap PD Angle Adapter

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1. PRODUCT OVERVIEW

The BoxWave MagnetoSnap PD Angle Adapter is a magnetic USB Type-C charging connector designed to enhance convenience and protect your device's charging port. It supports up to 100W power delivery and features a 90-degree right-angle design for optimized cable routing.



Figure 1.1: The MagnetoSnap PD Angle Adapter components, illustrating the magnetic separation.

Key Features:

- **Magnetic Connection:** Allows for easy and secure attachment/detachment of the charging cable.
- **100W Power Delivery:** Supports high-speed charging for a wide range of USB-C devices.
- **90-Degree Angle:** Provides a convenient right-angle connection, reducing cable strain and optimizing desk space.
- **Port Protection:** Reduces wear and tear on your device's USB-C port by minimizing repeated plugging and unplugging.
- **Durable Construction:** Made from high-quality aluminum alloy materials.



Figure 1.2: Detailed component breakdown of the MagnetoSnap PD Angle Adapter.

2. SETUP INSTRUCTIONS

Follow these steps to set up your BoxWave MagnetoSnap PD Angle Adapter:

1. **Insert the Magnetic Plug:** Carefully insert the small magnetic Type-C plug into the USB-C charging port of your device (e.g., Noyafa NF-526E Handheld Thermal Imager). Ensure it is fully seated. This plug is designed to remain in your device.
2. **Connect the Angle Adapter:** Connect your existing USB Type-C charging cable to the Type-C input port on the 90-degree angle adapter body.
3. **Magnetic Connection:** Bring the 90-degree angle adapter (with your charging cable attached) close to the magnetic plug inserted in your device. The magnetic forces will automatically snap the two parts together, establishing the charging connection.



Figure 2.1: The magnetic Type-C plug, designed to stay in your device's port.



Figure 2.2: The adapter connected to a device, demonstrating the 90-degree angle and magnetic attachment.

3. OPERATION

Once the adapter is set up, operating it is straightforward:

- **Charging:** To charge your device, simply bring your USB-C charging cable (connected to the 90-degree adapter) near the magnetic plug in your device. The magnetic connection will automatically engage, and charging will begin.
- **Disconnecting:** To disconnect, gently pull the 90-degree adapter away from the magnetic plug. The magnetic connection will release easily. The small magnetic plug can remain in your device's port to protect it from dust and wear.
- **Power Delivery:** The adapter supports up to 100W of power, allowing for fast and efficient charging when paired with a compatible charger and cable.
- **Data Transfer:** In addition to charging, the adapter also supports data transfer at speeds up to 480Mbps.



Figure 3.1: The adapter in use, providing a convenient charging connection.



Figure 3.2: Key features of the adapter, including power and data capabilities.

4. MAINTENANCE

To ensure the longevity and optimal performance of your MagnetoSnap PD Angle Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the adapter clean. Avoid using harsh chemicals or abrasive materials, as these can damage the finish or internal components.
- **Keep Dry:** Do not expose the adapter to water or excessive moisture. If it gets wet, disconnect it immediately and allow it to dry completely before reuse.
- **Handle with Care:** While constructed from durable aluminum alloy, avoid dropping the adapter or subjecting it to strong impacts, which could affect its functionality.
- **Port Protection:** The magnetic plug is designed to remain in your device's port, protecting it from dust, lint, and physical damage. Periodically check the plug for any debris and clean if necessary.

5. TROUBLESHOOTING

If you encounter issues with your MagnetoSnap PD Angle Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not charging.	Loose connection, incompatible charger/cable, dirty contacts.	Ensure the magnetic connection is secure. Verify your charger and USB-C cable support power delivery. Clean the magnetic contacts on both adapter parts.
Slow charging speed.	Charger/cable does not support 100W PD, device limitation.	Use a USB-C charger and cable that support 100W Power Delivery. Check your device's charging specifications.
Magnetic connection is weak.	Debris on magnetic surfaces.	Clean the magnetic surfaces of both the plug and the adapter body with a soft, dry cloth.
Adapter feels hot during charging.	Normal operation under high power, or potential overload.	A slight warmth is normal during high-power charging. If it becomes excessively hot, disconnect immediately and ensure your charger and device are compatible and within specified limits.

6. SPECIFICATIONS

Detailed technical specifications for the BoxWave MagnetoSnap PD Angle Adapter:

- **Material:** Zinc alloy + TPE
- **Power Delivery:** Up to 100W / 5A
- **Data Transmission Speed:** Up to 480Mbps
- **Connector Type:** USB Type-C (Magnetic)
- **Design:** 90-degree Right Angle

Parameter

Material : Zinc alloy + TPE

Power : 100W/5A

Transmission speed: 480Mbps



Figure 6.1: Product parameters and approximate dimensions.

7. WARRANTY AND SUPPORT

Warranty Information:

For specific warranty details regarding your BoxWave MagnetoSnap PD Angle Adapter, please refer to the official BoxWave website or the documentation included with your purchase. Warranty terms may vary by region and retailer.

Technical Support:

BoxWave provides limited third-party technical support for your device (up to 3 inquiries via electronic messaging). For assistance, please contact BoxWave customer service through their official channels. Please note that BoxWave is not affiliated with or endorsed by Noyafa.

