Hagibis SX02

Hagibis USB 4 Cable with LED Display User Manual

Model: SX02

1. INTRODUCTION

This manual provides instructions for the Hagibis USB 4 Cable with LED Display, Model SX02. This cable is designed for high-performance data transfer, video output, and fast charging across a wide range of USB-C compatible devices.

2. KEY FEATURES

- **LED Display Design:** Real-time display of charging power, voltage, and current for direct status monitoring.
- **240W Fast Charging:** Supports up to 240W (48V 5A) charging, compatible with PD3.1, PD3.0/2.0, and 140/100/60W power devices.
- **8K@60Hz HD Video Output:** Supports UHD resolution for connecting to external monitors, up to 8K@60Hz or dual 4K@60Hz displays. Requires devices with USB C ports supporting DP Alt Mode.
- **40Gbps Fast Data Transfer:** USB4.0 standard support for up to 40Gbps bandwidth, compatible with 20Gbps USB4 devices.
- **Wide Compatibility:** Compatible with various USB-C devices including smartphones, tablets, and laptops.
- **Smart Chip:** Equipped with an E-Marker chip for intelligent recognition of fast charging devices and safe current/voltage control.

Image 1: Hagibis USB 4 Cable with LED Display, showcasing its compact design and USB-C connectors.

3. SETUP AND CONNECTION

1. **Identify Ports:** Ensure your devices (charger, laptop, monitor, smartphone) have compatible USB-C ports. For video output, the USB-C port must support DisplayPort Alternate Mode (DP Alt Mode).

2. **Connect for Charging:** Insert one end of the Hagibis USB 4 Cable into a compatible USB-C power adapter or

power bank. Insert the other end into your device's USB-C charging port. The LED display on the cable will show real-time charging power, voltage, and current.

3. **Connect for Data Transfer:** Insert one end of the cable into the USB-C port of your computer or host device. Insert the other end into the USB-C port of your storage device or peripheral.

4. **Connect for Video Output:** Insert one end of the cable into the USB-C port of your source device (e.g., laptop, tablet, smartphone). Insert the other end into the USB-C video input port of your monitor or display. Ensure your source device's USB-C port supports DP Alt Mode. For dual 4K@60Hz displays, two cables are required.

Image 2: The Hagibis USB 4 Cable connected to a smartphone, illustrating the intelligent LED display showing charging status.

4. OPERATING INSTRUCTIONS

4.1. Charging Functionality

Once connected, the cable automatically negotiates the optimal charging protocol with your device. The integrated LED display will cycle through power (W), voltage (V), and current (A) readings, providing real-time feedback on the

charging process. This cable supports Power Delivery (PD) 3.1 for up to 240W fast charging.

4.2. Data Transfer

For data transfer, connect the cable between two compatible USB-C devices. The cable supports USB4.0 standard, enabling data transfer speeds up to 40Gbps. This allows for rapid transfer of large files, such as videos, photos, and documents, between devices like external SSDs, computers, and other peripherals.

4.3. Video Output

To use the video output feature, connect the cable from a USB-C source device (that supports DisplayPort Alternate Mode) to a compatible display. The cable supports resolutions up to 8K@60Hz or dual 4K@60Hz. Ensure your display is set to the correct input source. No additional drivers are typically required for this function.

Range Of Applications

Use for Power bank

Use for heat spreader

Use for Docking station

Image 3: The Hagibis USB 4 Cable connected to a docking station and laptop, demonstrating its application with peripherals.

40Gbps Data Transfer

Transfer speed up to 40Gbps,
Easy transfer without waiting.
Meet the needs of high-performance devices.

Image 4: The Hagibis USB 4 Cable facilitating 8K@60Hz video transmission from a mobile device to a large screen television.

Image 5: The Hagibis USB 4 Cable connected to a laptop and an external SSD, illustrating its 40Gbps data transfer capability.

5. DEVICE COMPATIBILITY

The Hagibis USB 4 Cable is designed for broad compatibility with USB-C devices. Below is a general guide:

Equipment	Interface	Compatibility Instructions

Equipment	Interface	Compatibility Instructions
Computer	Thunderbolt 3/4, USB 4, USB-C/Type-C	Compatible. Note: The interface supports DisplayPort (DP for short).
iPhone 15 / iPad	USB-C	Compatible. Note: Lightning port is not applicable.
Mobile/Tablet	USB-C/Type-C	Partially Compatible. Note: The interface is USB3.1 or USB3.2 and supports DisplayPort (DP for short).
Steam Deck	Type-C	Compatible.
Switch	Type-C	Compatible. Note: Switch Lite is not applicable.
ROG Ally	Type-C	Compatible. Supports ROG 30W Enhanced Mode.

For a comprehensive list of compatible devices, refer to the product specifications or contact customer support.

6. CARE AND MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Avoid using liquid cleaners or solvents.
- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid sharp bends or kinks in the cable.
- **Handling:** Always grasp the connector head when plugging or unplugging the cable, rather than pulling on the cable itself, to prevent damage.
- **Protection:** Avoid exposing the cable to excessive force, moisture, or corrosive substances.

7. TROUBLESHOOTING

Issue: LED display is dim or inaccurate.
Solution: Ensure the cable is fully inserted into both devices. If the issue persists, try connecting to a different power source or device to rule out external factors. The cable features an upgraded LED display for improved brightness and accuracy compared to previous versions.

Issue: Device is not fast charging.
Solution: Verify that both your power adapter and your device support fast charging protocols (e.g., PD3.1, PD3.0, PD2.0) and the required wattage. Ensure the cable is securely connected. Some devices may limit charging speed based on battery level or temperature.

Issue: No video output to external monitor.
Solution: Confirm that your source device's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode). Check the input source settings on your monitor. Try a different USB-C port on your source device if available. Ensure the cable is fully inserted.

Issue: Slow data transfer speeds.
Solution: Ensure both connected devices support USB4.0 or Thunderbolt 3/4 for maximum speeds. Older USB standards (e.g., USB 3.0, USB 2.0) will operate at their respective lower speeds. Check for any background processes that might be consuming bandwidth.

> Your browser does not support the video tag.

Video 1: Demonstration of the upgraded LED display on the Hagibis USB 4 Cable, showing brighter and more accurate power

8. SPECIFICATIONS

Feature	Detail
Model Number	SX02
Brand	Hagibis
Connector Type	USB Type C
Cable Type	USB 4
Power Delivery	Up to 240W (48V/5A), PD3.1 compatible (backward compatible with PD3.0/2.0)
Data Transfer Speed	Up to 40Gbps (USB4.0 standard)
Video Resolution	Up to 8K@60Hz or dual 4K@60Hz (requires DP Alt Mode support)
Special Features	LED Display (Power, Voltage, Current), E-Marker Chip, Data Transfer, Fast Charging, High Speed, Short Circuit Protection
Material	Aluminum + Silicone
Package Dimensions	3.15 x 3.11 x 0.67 inches
Item Weight	1 ounce

Product Parameters

12mm | 12mm

7mm | 7mm

38mm | 30mm

6mm

Brand: HAGiBiS

Name: USB C Cable With LED Display

Color: Black

Material: Aluminum+Silicone

Applicable: Cell phones Tablets / Laptops / Power bank

Cable length: 0.25m (Tolerance range 0.01-0.02m)

Image 6: Diagram illustrating the physical dimensions and key parameters of the Hagibis USB 4 Cable.

9. WARRANTY INFORMATION

Hagibis products typically come with a standard manufacturer's warranty. Please refer to the product packaging or the official Hagibis website for specific warranty terms and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Hagibis customer support through their official website or the retailer where the product was purchased.

Online Support: Visit the Hagibis Store on Amazon for product information and support resources.