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› Silkland USB 4 Cable (Model GH-107) User Manual

Silkland GH-107

Silkland USB 4 Cable (Model GH-107) User Manual

BRAND: SILKLAND | MODEL: GH-107

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Silkland USB 4 Cable. Designed for high-performance connectivity, this USB-IF certified cable supports advanced data transfer speeds, power delivery, and video output capabilities. Please read this manual thoroughly before using the product.



The advertisement features a central image of a black USB 4 cable with a white USB-C connector. The cable has a label that reads "40Gbps 240W". Above the cable, the text "40Gbps" is displayed in large, glowing blue and white letters. Below the cable, the text "USB-IF Certified USB4" is prominently shown. The background is dark blue with light blue streaks, suggesting speed and technology. Below the main image, there are four feature boxes: "240W Rapid Charging", "E-Marker" (represented by a blue chip icon), "8K Video Output" (represented by a stylized "8K" icon), and "10-bit Color Depth" (represented by a circular color wheel icon). At the bottom, there is a section with the "CERTIFIED USB" logo and the text "One is All USB4 Compatible with Thunderbolt 4/3".

40Gbps

Compatible with Thunderbolt 4/3

USB-IF Certified USB4

240W

Rapid Charging

E-Marker

8K

Video Output

10-bit

Color Depth

CERTIFIED USB

One is All USB4

Compatible with Thunderbolt 4/3

Figure 1: Silkland USB 4 Cable

Key Features

- **40Gbps Data Transfer:** Experience ultra-fast data synchronization, allowing you to transfer large files, music, and videos in seconds. This cable is twice as fast as previous generation USB4 cables.

Silkland

40G_{bps}

USB 4 Cable for
Thunderbolt 4/3



Figure 2: 40Gbps Data Transfer Capability

- **240W Fast Charging:** Supports up to 240W (48V/5A) power delivery, compatible with PD3.1, QC 4.0, FCP, and AFC fast charging technologies. Equipped with an E-Marker chip for safety and battery protection.

35 Mins Macbook Pro

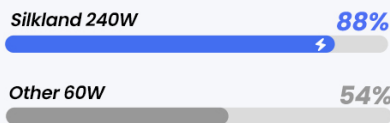


Figure 3: 240W Fast Charging for Laptops

- **8K@60Hz & Dual 4K Display:** Delivers impressive visual and audio quality, supporting a single 8K@60Hz, 6K/5K@60Hz, or dual 4K@60Hz display setup.



Dual 4K Display



Single UHD 5K/6K/8K

* Ensure your device supports DP 1.4 Alt Mode to achieve single 4K@144Hz/120Hz.

Figure 4: 8K UHD Display Support

- **Thunderbolt 4/3 Compatible:** Works seamlessly with all Thunderbolt 4/3 and Type-C devices, fully supporting all features of Thunderbolt 4. Backward compatible with USB 3.2 Gen 2, USB 3.2 Gen 2 x 2, and USB 2.0.
- **USB-IF Certified:** This cable is USB-IF certified (TID:11329), ensuring compliance with USB4 standards for

performance and reliability.



USB-IF Certified USB4 Cable with Thunderbolt 4

Silkland 40Gbps 240W USB4 Cable is officially certified by USB-IF for its performance
According to the USB4 standards



Figure 5: USB-IF Certified Cable

Setup

- Identify Compatible Ports:** Ensure your device (laptop, monitor, docking station, etc.) has a USB-C port that supports USB4 or Thunderbolt 3/4.
- Connect the Cable:** Insert one end of the Silkland USB 4 Cable into the USB-C port of your host device (e.g., laptop).
- Connect to Peripheral:** Insert the other end of the cable into the USB-C port of your peripheral device (e.g., external SSD, monitor, eGPU, charger).
- Plug and Play:** The cable is designed for plug-and-play functionality. No additional drivers are typically required for basic operation.

Operating Instructions

- Data Transfer:** Connect the cable between two compatible devices to initiate high-speed data transfer. The actual speed may vary depending on the capabilities of both connected devices.
- Charging:** Connect the cable between a compatible power source (e.g., 240W GaN charger) and your device (e.g., laptop, smartphone) for fast charging. The E-Marker chip ensures safe and efficient power delivery.
- Video Output:** Connect your laptop or docking station to a compatible monitor using the cable for video display. Ensure your device supports DisplayPort Alt Mode for optimal resolution and refresh rates (e.g., 8K@60Hz or dual 4K@60Hz).

Your browser does not support the video tag.

Video 1: Demonstration of USB4 Cable for data transfer and charging with Thunderbolt 3 devices.

Your browser does not support the video tag.

Video 2: Overview of USB 4 Cable features including 40Gbps data transfer and 240W power delivery.

Your browser does not support the video tag.

Video 3: Detailed look at the Silkland USB 4 Cable's features and applications.

Maintenance

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Avoid using harsh chemicals or abrasive materials.
- **Handling:** Avoid sharp bends or excessive pulling on the cable, especially near the connectors, to prevent internal damage. The cable features a sturdy braided nylon design for enhanced durability.



Figure 6: Durable Braided Nylon Construction

- **Connector Dimensions:** The connector shell dimensions are approximately 12.2mm x 6.5mm. For optimal connection, it is recommended to remove phone cases if they obstruct the port.

Shell Dimensions

* We recommend removing the phone case to use.



Figure 7: USB-C Connector Shell Dimensions

Troubleshooting

- **No Display Output:**
 - Ensure your source device (laptop) and display support DisplayPort Alt Mode over USB-C.
 - Verify that the monitor input is set to the correct USB-C/Thunderbolt port.
 - Test with another compatible cable or device to isolate the issue.
- **Slow Data Transfer Speed:**
 - Confirm that both the host device and the peripheral device support 40Gbps (USB4/Thunderbolt 3/4).

- Ensure all connected devices are functioning correctly and are not bottlenecking the speed.
- **Device Not Charging:**
 - Verify that your power adapter and device support USB Power Delivery (PD) and the required wattage (up to 240W).
 - Check if the cable is securely connected at both ends.
- **Intermittent Connection:**
 - Ensure connectors are clean and free of debris.
 - Avoid placing heavy objects on the cable or bending it sharply.

Specifications

Feature	Specification
Brand	Silkland
Model Number	GH-107
Length	3.3FT (1 Meter)
Data Transfer Speed	Up to 40Gbps
Power Delivery	Up to 240W (48V/5A)
Video Output	Single 8K@60Hz, 6K/5K@60Hz, or Dual 4K@60Hz
Compatibility	Thunderbolt 4/3, USB4, USB 3.2 Gen 2, USB 3.2 Gen 2 x 2, USB 2.0
Certification	USB-IF Certified (TID:11329)
Special Features	E-Marker Chip, Braided Nylon, Aluminum Housing
Color	Grey
Item Weight	50 g

Warranty and Support

Silkland offers **24 Month Customer Care** for this product. Our dedicated team is committed to resolving your concerns within 18 hours, ensuring a no-worry experience. For technical support, warranty claims, or any inquiries, please contact Silkland customer service through the retailer's platform or visit our official website.

Please retain your proof of purchase for warranty purposes.