

Silkland S3601

Silkland USB 4 Thunderbolt 4 Cable (Model S3601)

Instruction Manual

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1. INTRODUCTION

The Silkland USB 4 Thunderbolt 4 Cable (Model S3601) is designed for high-performance connectivity, offering rapid data transfer, efficient power delivery, and high-resolution video output. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your cable to ensure optimal performance.

2. SETUP

This cable is designed for plug-and-play functionality, requiring no additional drivers for most devices. Simply connect the USB-C ends to compatible ports on your devices.

2.1 Connecting for Data Transfer, Charging, and Video Output

Connect one end of the Silkland USB 4 Thunderbolt 4 cable to your host device (e.g., laptop, tablet, smartphone) and the other end to your peripheral device (e.g., external SSD, monitor, docking station, power adapter). Ensure both devices support the desired functions (data, power, video) via their USB-C or Thunderbolt ports.

The advertisement features a central image of a black USB 4 Thunderbolt 4 cable with a white connector. The cable is set against a dark blue background with light blue streaks. Large white text at the top reads "40Gbps" and "240W". Below the cable, the text "Compatible with Thunderbolt 4/3" is displayed. The bottom section is divided into four panels: "240W Rapid Charging", "E-Marker" (represented by a blue chip), "8K Video Output", and "10-bit Color Depth" (represented by a color wheel). At the bottom, it says "One is All USB4" and "Compatible with Thunderbolt 4/3".

40Gbps

240W

Compatible with Thunderbolt 4/3

240W

Rapid Charging

E-Marker

8K

Video Output

10-bit

Color Depth

One is All USB4

Compatible with Thunderbolt 4/3

Image: Silkland USB 4 Thunderbolt 4 Cable connected to various devices, highlighting its capability for data, charging, and video.

Your browser does not support the video tag.

Video: Demonstrates the plug-and-play functionality of the Silkland Thunderbolt 4 cable for connecting a MacBook Pro to an external display.

Note: For stable performance when connecting to a docking station, it is recommended to use cables below 5FT in length.

3. OPERATING INSTRUCTIONS

3.1 High-Speed Data Transfer

The Silkland USB 4 Thunderbolt 4 cable supports data transfer speeds of up to 40Gbps, which is twice as fast as previous generation USB4 cables. This allows for rapid transfer of large files, such as music, movies, or entire seasons of TV shows, in mere seconds. Connect your compatible SSDs or other storage devices for optimal performance.

FORMAT	Blackmagic RAW		ProRes 422 HQ		H.265	
	WRITE	READ	WRITE	READ	WRITE	READ
NTSC/PAL	-	-	✓	✓	✓	✓
720p60	-	-	✓	✓	✓	✓
1080i60	-	-	✓	✓	✓	✓
1080p25	✓	✓	✓	✓	✓	✓
1080p60	✓	✓	✓	✓	✓	✓
2K DCI 24	✓	✓	✓	✓	✓	✓
2160p25	✓	✓	✓	✓	✓	✓
2160p60	✓	✓	✓	✓	✓	✓
4320p25	✓	✓	✓	✓	✓	✓
4320p60	✓	✓	✓	✓	✓	✓
8K DCI 24	✓	✓	✓	✓	✓	✓
8K DCI 60	✓	✓	✓	✓	✓	✓
12K DCI 24	✓	✓	✓	✓	✓	✓
12K DCI 60	✓	✓	✓	✓	✓	✓

4X
Up to 4X Faster

10G
USB C 3.2 GEN 2

20G
USB C 3.2 GEN 2X2

40G
USB4

Transfer 30GB files in 9 seconds

Upgrade 40Gbps Data Sync

Image: Visual representation of 40Gbps data transfer speed, demonstrating how the cable facilitates quick file backups.

Your browser does not support the video tag.

Video: Shows a data transfer test with the Silkland Thunderbolt 4 cable, demonstrating that a 10GB video can be transferred in approximately 7 seconds.

3.2 Power Delivery and Fast Charging

This cable supports up to 240W (48V/5A) fast charging, compatible with PD3.1, QC 4.0, FCP, and AFC fast charging technologies. It is backward compatible with 100W, 140W, and 180W chargers. The integrated E-Marker chip ensures safety, stability, and battery protection during charging. It is compatible with devices like iPhone 15/16/17, MacBook, iPad Pro, and GaN chargers.



240W Rapid Charging

E-Marker chip for safety and protection



30min full

85 %
Silkland 240W

VS

60 %
Other 100W

Image: Illustrates the rapid charging capability of the Silkland 240W cable compared to standard 100W cables.

Your browser does not support the video tag.

Video: Demonstrates the fast charging speed of the Silkland Thunderbolt 4 cable for an iPhone 15.

Your browser does not support the video tag.

Video: Shows a charging test of the Silkland Thunderbolt 4 cable with a MacBook Pro, indicating 97W power delivery.

3.3 High-Resolution Video Output

Experience stunning visual quality with support for a single 8K@60Hz, 6K/5K@60Hz, or dual 4K@60Hz display. Connect your laptop or docking station to a compatible monitor to extend or mirror your display for presentations, video editing, or gaming.



Image: A high-resolution monitor showcasing 8K content, connected using the Silkland USB 4 cable.

Short USB4 Cable 1FT



Note:

Before purchasing, please check if the 1FT length meets your needs. For reference, 1FT is about the same width as a 13-inch laptop.

Image: Multiple monitors set up in an MST Daisy Chain configuration, powered by the Silkland USB 4 cable for an efficient workspace.

Your browser does not support the video tag.

Video: An overview of the Silkland Thunderbolt 4 cable's functions, including data transfer, charging, and video output capabilities.

4. MAINTENANCE

The Silkland USB 4 Thunderbolt 4 cable is constructed with top-notch materials for durability and longevity. The double nylon braided exterior provides flexibility and resistance to wear, while the aluminum alloy shell and sturdy tinplate connectors ensure stable connections.

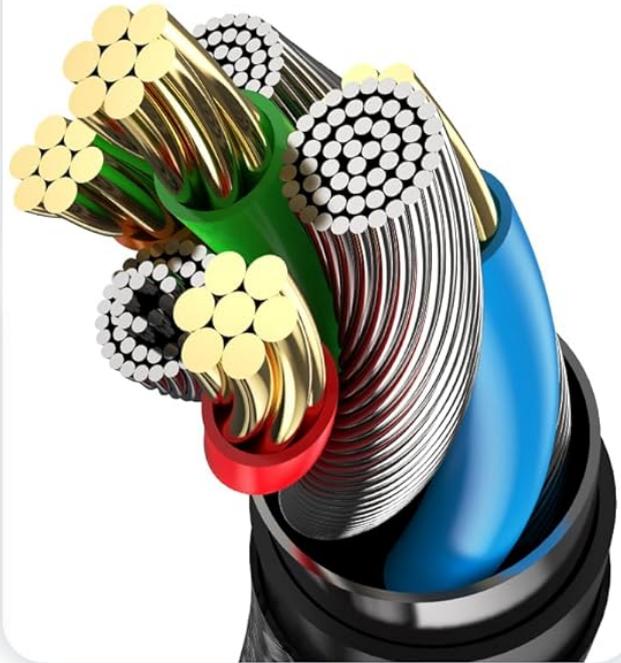
Top-Notch Material

Exclusive NetBraid-48

4,5000+



Stable Connection



Smooth Hand Feel



Image: Detailed view of the cable's robust construction, emphasizing its durability and stable connection features.

Build a Free & Efficiency Workspace

One USB 4 cable for multi devices



Image: Illustration of the Smart E-Marker Chip, which intelligently matches current to extend device and battery lifespan.

4.1 General Care

- Avoid extreme bending or sharp angles to prevent internal damage.
- Keep the connectors clean and free from dust or debris.
- Store the cable in a cool, dry place when not in use.

Note: The shell dimensions of the connector are 12.2mm x 6.5mm. We recommend removing your phone case if it

obstructs the connector for a secure fit.

5. TROUBLESHOOTING

5.1 No Data Transfer / Slow Speeds

- **Check Compatibility:** Ensure both your host and peripheral devices support USB 4 or Thunderbolt 4/3 for optimal speeds. Older USB standards will operate at their maximum supported speed.
- **Verify Connection:** Disconnect and reconnect the cable firmly at both ends.
- **Test with Other Devices:** Try the cable with different compatible devices to isolate if the issue is with the cable or a specific device.

5.2 No Charging / Slow Charging

- **Power Adapter:** Ensure your power adapter is capable of delivering sufficient wattage (e.g., 240W, 140W, 100W) and supports PD3.1 or other fast charging protocols.
- **Device Compatibility:** Confirm your device supports fast charging via USB-C/Thunderbolt.
- **Cable Integrity:** Inspect the cable for any visible damage.

5.3 No Video Output / Incorrect Resolution

- **DisplayPort Alt Mode:** Ensure your host device's USB-C/Thunderbolt port supports DisplayPort Alternate Mode.
- **Monitor Input:** Select the correct input source on your monitor.
- **Resolution Settings:** Adjust display settings on your computer to match the monitor's capabilities.
- **Cable Length:** For high-resolution displays, shorter cables generally provide more stable signals.

6. SPECIFICATIONS

Feature	Description
Brand	Silkland
Model Name	S3601
Connector Type	USB4 for Thunderbolt 4/3; USB C; Type C
Cable Type	USB4
Data Transfer Rate	40 Gigabits Per Second
Power Delivery	Up to 240W (48V/5A), PD3.1, QC 4.0, FCP, AFC
Video Output	8K@60Hz, 6K/5K@60Hz, Dual 4K@60Hz
Compatible Devices	Docking Station, Monitor, SSD, Smartphone, Laptop, iPad (Thunderbolt 4/3/Type-C devices)
Special Features	E-Marker Chip, Double Nylon Braided, Aluminum Alloy Shell, Sturdy Tinplate Connectors
Color	Grey
Outer Material	Nylon
Item Weight	0.704 ounces

7. WARRANTY & SUPPORT

Silkland offers a **24-month customer care** period for this product. If you encounter any issues or have questions regarding your Silkland USB 4 Thunderbolt 4 Cable, please do not hesitate to contact our dedicated support team. We are committed to resolving your concerns within 18 hours.

For support, please visit the official Silkland website or contact the seller directly through your purchase platform.

