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> ELECTOP Double Sides 10Gbps, USB 3.1 GEN 2 Male to Type-C Female Adapter, Support Both 10Gbps Charging & Data Transfer, USB A to USB C 3.1 Converter for PC, Laptop, Charger, Power Bank, Quest Link Black

ELECTOP AFG1015-2

ELECTOP USB 3.1 GEN 2 Male to Type-C Female Adapter Instruction Manual

Model: AFG1015-2 | Brand: ELECTOP

1. INTRODUCTION

The ELECTOP USB 3.1 GEN 2 Male to Type-C Female Adapter is designed to bridge the connection between USB Type-A ports and USB Type-C devices. This compact adapter supports high-speed data transfer up to 10Gbps and efficient charging, making it ideal for connecting modern USB-C peripherals to traditional USB-A ports on laptops, PCs, chargers, and power banks.

2. PRODUCT FEATURES

- **Updated Charging & 10 Gbps Data Transmission Speed:** This adapter supports data transfer speeds up to 10Gbps, ensuring fast and efficient data exchange. Both sides of the Type-C connection can achieve this speed.
- **New IC Chip Technology:** Incorporates advanced IC chip technology. Note: The Max input voltage of the AM port is 20V, and it cannot be powered by a quick charger plug for your device.
- **Plug & Play Functionality:** No drivers are required for operation. Simply plug in and use.
- **Wide Compatibility:** Compatible with a broad range of devices including laptops, PCs, chargers, power banks, and Quest Link cables. Works seamlessly with devices featuring USB-A or USB-C ports, including iPhone series.
- **USB 3.1 Gen2/10Gbps Adapter:** Facilitates connections between USB Type-A laptops or chargers and USB Type-C cables, hubs, and peripherals.
- **Durable and Portable Aluminum Body:** Constructed with an aluminum alloy for enhanced durability and portability.

3. PRODUCT OVERVIEW

The ELECTOP USB 3.1 GEN 2 Adapter features a compact, black aluminum body with a USB-A male connector on one end and a USB-C female port on the other. The adapter is marked with "ELECTOP" and the "SS 10" SuperSpeed USB 10Gbps logo.



Image: The ELECTOP USB 3.1 GEN 2 Adapter, showcasing its USB-A male connector and USB-C female port.

Double Sides Can Reach 10Gbps

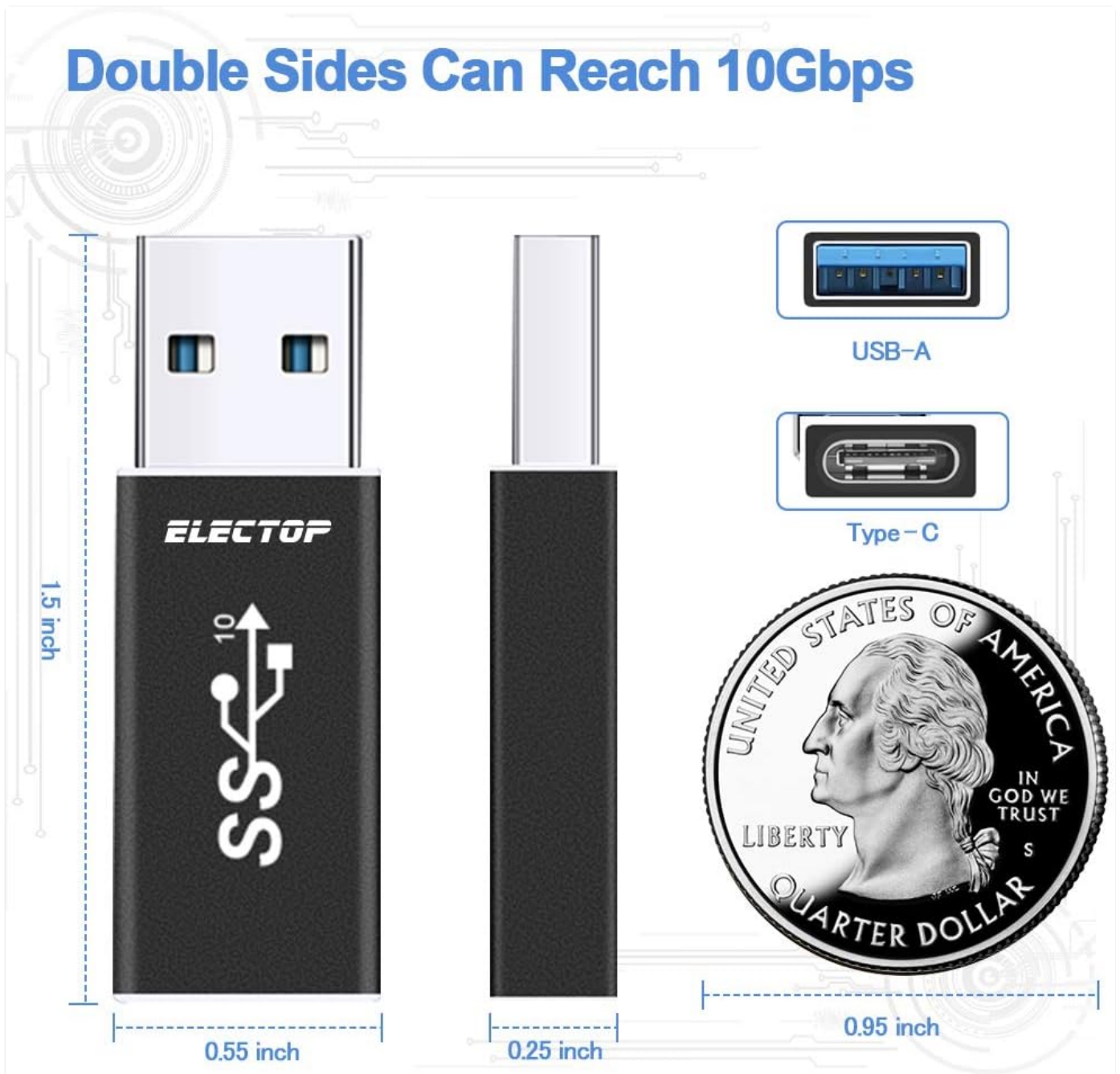


Image: Detailed dimensions of the adapter, showing its compact size relative to a quarter dollar coin.



Image: An internal view of the adapter highlighting the 3.1 chip and 56kΩ pull-up resistor, indicating advanced USB 3.1 transfer speed capabilities.

4. SETUP AND OPERATION

4.1 Connecting the Adapter

1. Identify an available USB Type-A port on your host device (e.g., laptop, PC, charger, power bank).
2. Insert the USB-A male end of the ELECTOP adapter into the USB Type-A port. Ensure it is fully seated.
3. Connect your USB Type-C cable or device (e.g., smartphone, external hard drive, VR headset cable) into the USB-C female port of the adapter.



Image: The adapter plugged into a laptop's USB-A port, ready for a USB-C connection.

Durable and Portable Aluminum Body



Image: A USB-C cable being connected to the adapter, illustrating data transfer capability.

4.2 Data Transfer and Charging

Once connected, the adapter functions as a pass-through for both data and power. Data transfer speeds can reach up to 10Gbps, provided both the source and destination devices, as well as the cable, support USB 3.1 GEN 2 speeds. For charging, the adapter will deliver power based on the capabilities of the USB-A port it is connected to. Note that USB-A ports do not support Power Delivery (PD) protocol for fast charging.

Video Description: This video demonstrates the ELECTOP USB 3.1 GEN 2 adapter's plug-and-play functionality, showing it being inserted into a laptop's USB-A port and then used to connect a USB-C cable for charging a smartphone. It visually confirms the adapter's role in enabling high-speed data transfer and charging between USB-A and USB-C devices.

Video Description: This video illustrates the high-speed data transfer capabilities of the ELECTOP 10Gbps USB 3.1 GEN 2 Adapter. It

shows the adapter facilitating rapid data exchange between a laptop and a connected device, demonstrating its efficiency for demanding tasks.

5. COMPATIBILITY

The ELECTOP USB 3.1 GEN 2 Adapter is designed for broad compatibility with various devices and operating systems. It allows you to connect USB Type-C devices to hosts with standard USB Type-A ports.

Compatible Devices:

- Laptops with USB-A ports
- Desktop PCs with USB-A ports
- Wall Chargers with USB-A ports
- Power Banks with USB-A ports
- Quest Link Cable (for VR headsets)
- Smartphones and tablets with USB-C ports (e.g., iPhone series with USB-C)
- USB-C hubs and other USB-C peripherals

USB 3.1 VS USB 2.0 DATE TRANSFER

Quick Date Transfer Speed up to 10Gbps,
2X faster than USB 3.0, 20X faster than USB 2.0



Image: Illustrates the adapter's universal compatibility with various devices such as USB flash disks, USB cables, keyboards, mice, card readers, tablets, USB hubs, hard disks, consoles, and Type-C phones.

6. SPECIFICATIONS

Feature	Detail
Model Number	AFG1015-2
Connector Type	USB Type-A Male to USB Type-C Female
Data Transfer Speed	Up to 10Gbps (USB 3.1 GEN 2)
Color	Black
Material	Aluminum Alloy

Item Weight	0.01 ounces
Package Dimensions	8.66 x 4.96 x 0.28 inches
Manufacturer	Electop
Country of Origin	China

7. TROUBLESHOOTING

- **No Connection/Device Not Recognized:**

- Ensure both the adapter and the connected USB-C device/cable are fully inserted into their respective ports.
- Try connecting the USB-C cable to the adapter in the opposite orientation (USB-C is reversible, but sometimes a specific orientation works better for initial detection).
- Test the adapter with a different USB-A port on your host device.
- Test with a different USB-C cable or device to rule out issues with other components.
- Verify that your host device's USB-A port is functional.

- **Slow Data Transfer Speed:**

- The theoretical maximum speed is 10Gbps. Actual speeds depend on the capabilities of all connected devices (host, adapter, cable, and peripheral). Ensure all components support USB 3.1 GEN 2.
- If connecting to a USB 2.0 port, speeds will be limited to 480Mbps.
- Ensure no other high-bandwidth devices are simultaneously using the same USB controller on your host device.

- **Charging Issues:**

- Confirm the USB-A port you are using provides sufficient power. Some older USB-A ports may have lower power output.
- Remember that USB-A ports do not support USB Power Delivery (PD) fast charging protocols. Charging will occur at standard USB-A speeds.
- Check if the USB-C cable used for charging is functional and supports power transfer.

- **Physical Damage:**

- Inspect the adapter for any visible signs of damage to the connectors or casing. Discontinue use if damaged.

8. MAINTENANCE

- Keep the adapter clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not bend, drop, or subject the adapter to excessive force, as this may damage internal components.
- Store the adapter in a safe place when not in use to prevent accidental damage.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact ELECTOP customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, visit the [ELECTOP Store on Amazon](#).

