

WAVLINK ST345AP

WAVLINK ST345AP SATA to USB Type-A Hard Drive Cable Instruction Manual

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1. PRODUCT OVERVIEW

The WAVLINK ST345AP SATA to USB Type-A Hard Drive Cable provides a convenient solution for connecting 2.5-inch SSD/HDD and 3.5-inch HDD to USB-A equipped devices. This adapter supports USB 3.0 for high-speed data transfer up to 5Gbps and is backward compatible with USB 2.0/1.1. It features UASP support for enhanced performance and includes a power adapter for 3.5-inch HDDs.

Wide Compatibility

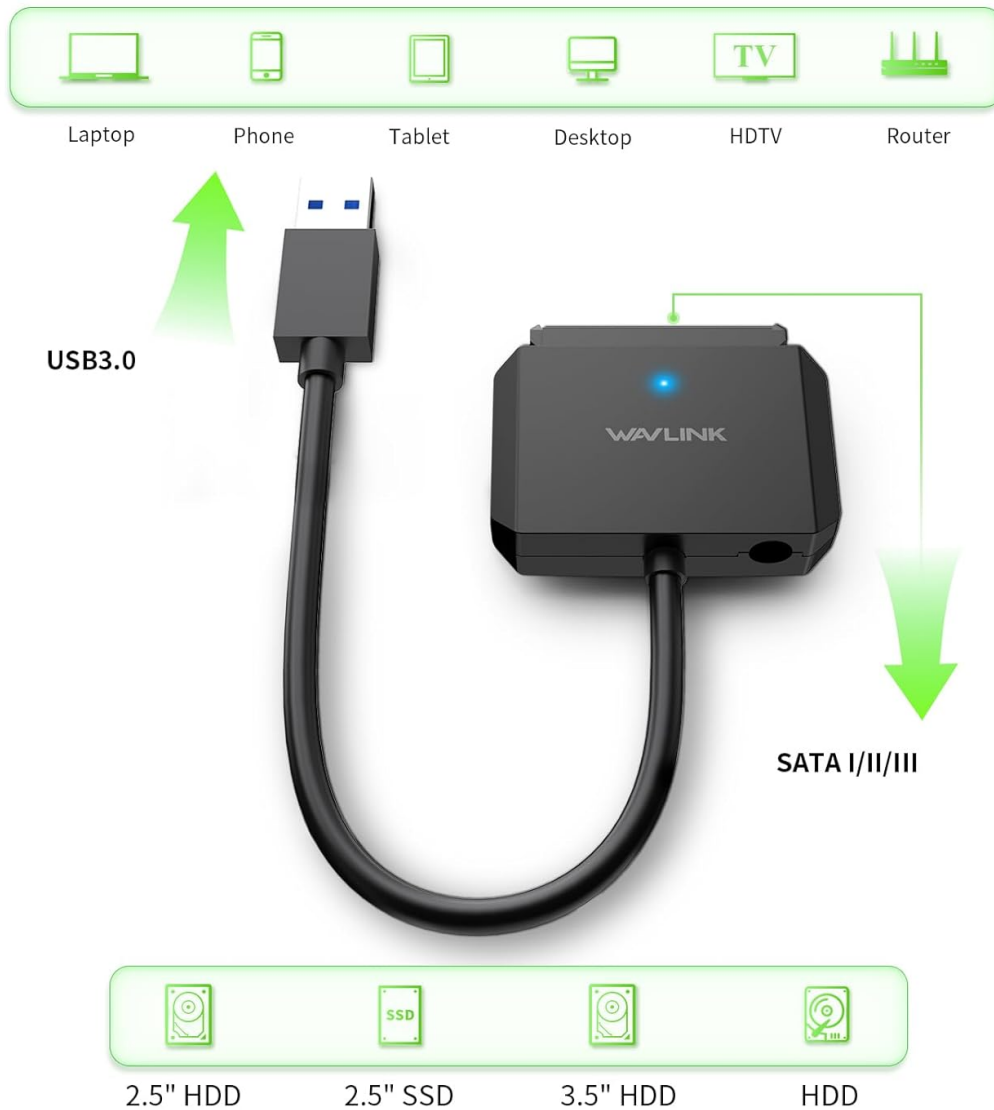


Image: The WAVLINK SATA to USB Type-A Hard Drive Cable, showcasing its compact design and integrated USB-A connector.

Key Features:

- **Wide Compatibility:** Supports Windows (11/10/8/8.1/7/Vista/XP), MacOS, Linux, Chrome, and Android. Compatible with 2.5" SATA III/II/I HDD/SSD and 3.5" HDD up to 20TB.
- **Super Speed USB 3.0:** Achieves data transfer rates of up to 5Gbps.
- **Quick Access:** Facilitates fast connection for storage expansion, system upgrades, data backup, retrieval, and transfer.
- **Considerate Design:** Features a blue LED indicator for activity status and a 3-minute auto-sleep mode for energy conservation. Constructed from durable PVC materials.
- **Portability:** Lightweight and slim design for on-the-go usage.

2. SETUP INSTRUCTIONS

2.1 Package Contents

Before you begin, please ensure all items are present in the package:

- 1 x USB 3.0 to SATA Adapter
- 1 x Power Adapter (for 3.5" HDDs)
- 1 x Quick Start Guide



Image: The WAVLINK SATA to USB adapter, power adapter, and quick start guide included in the package.

2.2 Connecting a 2.5" SSD/HDD

1. Connect the SATA connector of the WAVLINK adapter to your 2.5" SSD or HDD.
2. Plug the USB-A connector of the adapter into an available USB-A port on your computer or compatible device.
3. The blue LED indicator on the adapter will illuminate, indicating power and activity. No external power adapter is required for 2.5" drives.

2.3 Connecting a 3.5" HDD

1. Connect the SATA connector of the WAVLINK adapter to your 3.5" HDD.
2. Connect the included power adapter to the power input port on the WAVLINK adapter, then plug the power adapter into a wall outlet.
3. Plug the USB-A connector of the adapter into an available USB-A port on your computer or compatible device.
4. The blue LED indicator will light up, confirming power and activity. External power is mandatory for 3.5" HDDs.

5 Gbps

Superspeed Data Transfer

USB A 3.1

5Gbps

USB 2.0

480Mbps

Image: Diagram illustrating the connection of the WAVLINK adapter to a host device via USB 3.0 and to a SATA drive.

**1**

LED Indicator

Show the activity status

**2**

Auto-sleep Mode

Power saving and long lifespan

**3**

Integrated USB Cable

More flexible and durable

Image: The WAVLINK adapter connected to a 3.5-inch HDD, highlighting its support for both 2.5-inch and 3.5-inch SATA drives up to 20TB, with a note about external power for 3.5-inch drives.

3. OPERATING INSTRUCTIONS

3.1 Data Transfer

Once connected, your operating system should automatically detect the connected SATA drive. You can then access the drive to perform various operations:

- **File Transfer:** Drag and drop files between your computer and the connected drive.
- **Data Backup:** Use your system's backup tools to create backups of important files.
- **System Upgrade:** Migrate your operating system or data to a new SSD/HDD.
- **Data Recovery:** Access data from old or non-booting hard drives.

The adapter supports USB 3.0 for high-speed data transfer, ensuring efficient operations. For optimal performance, connect the adapter to a USB 3.0 port on your device.

Windows Linux Mac OS

Chrome OS

**Universal 2.5"/3.5"
SATA HDD/SSD
up to 20TB**

Note: Extra power required for 3.5" HDD(Included)
The mobile phone should support OTG function

SATA HDD SATA SSD

Image: The WAVLINK adapter connected to a laptop and a hard drive, illustrating 5Gbps Superspeed Data Transfer via USB 3.0.

3.2 Operating System Compatibility

The WAVLINK SATA to USB adapter is compatible with a wide range of operating systems, ensuring broad usability:

- Windows (11/10/8/8.1/7/Vista/XP)
- MacOS
- Linux
- Chrome OS
- Android (requires OTG function on mobile devices)



Image: A diagram showing the wide compatibility of the WAVLINK adapter with various devices like laptops, phones, tablets, desktops, HDTVs, and routers, and operating systems including Windows, Linux, and Mac OS.

4. MAINTENANCE

4.1 Auto-Sleep Mode

The adapter features an intelligent 3-minute auto-sleep mode. If the drive is inactive for 3 minutes, the adapter will automatically enter sleep mode to conserve energy and extend the lifespan of your hard drive. Activity will resume automatically upon data access.



Image: Features of the WAVLINK adapter, including the LED indicator for activity status, the 3-minute auto-sleep mode for power saving, and the integrated USB cable for flexibility and durability.

4.2 General Care

- Keep the adapter and connected drives in a dry, dust-free environment.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners.
- Handle the adapter and drives with care to prevent physical damage.

5. TROUBLESHOOTING

Disk Not Detected by System

If the connected disk is not detected by your system via the WAVLINK device, consider the following steps:

1. **For 3.5" Disks:** Ensure the DC 12V 2A (or above current) power adapter is correctly connected and powered on. 3.5" HDDs require external power.
2. **For New Disks (Windows PC):** Right-click 'This PC', select 'Manage', then navigate to 'Disk Management'. Locate the new disk and initialize/format it if it's unallocated.
3. **Test with Another Disk:** If possible, test the WAVLINK device with a different SATA disk to rule out an issue with the original disk.

If you continue to experience issues, please contact our support team for further assistance.



Image: A troubleshooting guide addressing common issues like disk detection failure, providing solutions for power connection, disk initialization, and testing with alternative drives.

6. SPECIFICATIONS

Feature	Detail
Model Number	ST345AP
Product Dimensions	4.33 x 2.36 x 1.57 inches
Item Weight	6 ounces
Manufacturer	WAVLINK
Compatible Devices	Laptop, Desktop, Tablet, HDTV, Router
Connector Type	USB Type A
Color	Black

Feature	Detail
Data Transfer Speed	Up to 5Gbps (USB 3.0)
Drive Compatibility	2.5" SATA I/II/III HDD/SSD, 3.5" HDD
Max Drive Capacity	20TB
Power Requirement	External power adapter for 3.5" HDD (Included)

7. WARRANTY AND SUPPORT

WAVLINK is committed to providing high-quality products and customer satisfaction. For any inquiries, technical support, or warranty claims, please refer to the contact information below:

- **Phone Support:** +1 8889730883 (UTC-5) Mon - Fri 9AM - 6PM
- **Email Support:** Contact@wavlink.com

Please retain your proof of purchase for warranty purposes.



Image: WAVLINK customer support details, including phone number and email address.