SABRENT AX-8PTC

SABRENT 252W 8-Port Desktop Charging Station (Model AX-8PTC) Instruction Manual

Real-Time LCD Display, UL Certified | USB C/A, Compatible with MacBook, iPhone, Samsung Galaxy, and Tablets

1. INTRODUCTION

Thank you for choosing the SABRENT 252W 8-Port Desktop Charging Station. This manual provides essential information for the safe and efficient operation of your new device. This powerful charging station is designed to simultaneously charge up to 8 devices, including laptops, smartphones, and tablets, with real-time power monitoring and comprehensive safety features.

Figure 1.1: The SABRENT 252W 8-Port Desktop Charging Station in use, illustrating its compact design and multiple charging capabilities.

2. PACKAGE CONTENTS

- SABRENT 252W 8-Port Desktop Charging Station
- Power Cable
- Mounting Kit
- User Manual

3. SETUP INSTRUCTIONS

1. **Placement:** Position the charging station on a stable, flat surface, or utilize the included mounting kit for wall installation. Ensure adequate ventilation around the device.

2. **Power Connection:** Connect the provided power cable to the AC input port on the back of the charging station. Plug the other end into a standard wall outlet. The device features a standard C7 port for the power cord, allowing for flexibility in cable choice and replacement.

3. **Initial Power-On:** The LCD display will illuminate upon successful power connection, indicating the device is ready for use.

Figure 3.1: Front view of the charging station with its power cable, ready for connection.

Figure 3.2: The charging station helps organize and power multiple devices in a workspace.

Figure 3.3: The charging station can be wall-mounted using the included bracket and screws for a secure setup.

4. OPERATING INSTRUCTIONS

1. **Connecting Devices:** The charging station features 4 USB-C ports (up to 100W Max per port) and 4 USB-A ports (up to 18W Max per port). Connect your devices using appropriate USB cables to the available ports.

2. **Real-Time LCD Display:** The built-in color LCD screen provides instant power feedback. Use the button on the front panel to cycle through each of the 8 ports to view current wattage, voltage, amperage, and internal temperature. This allows you to monitor the charge delivered to each device.

3. **Fast Charging:** The station supports various fast charging protocols, including PD 3.0, PPS, QC 4.0, and QC 3.0. Compatible devices will automatically receive power at their optimal speed.

Figure 4.1: Close-up view of the charging station's 8 ports, including USB-C and USB-A, with power ratings.

Figure 4.2: The active real-time charging display shows detailed information for each port, including voltage, amperage, and temperature.

Figure 4.3: The charging station utilizes PPS technology for faster, cooler, and more efficient charging by dynamically adjusting power to device needs.

5. SAFETY AND PROTECTION

The SABRENT 252W 8-Port Desktop Charging Station is UL Certified, ensuring maximum safety for both home and office environments. It incorporates comprehensive safeguards to protect your devices and the charging station itself:

- **Overcharge Protection:** Prevents devices from being overcharged, extending battery lifespan.
- **Overcurrent Protection:** Guards against excessive current flow, protecting connected devices.
- **Overheating Protection:** Monitors internal temperature and adjusts output or shuts down to prevent overheating.
- **Short-Circuit Protection:** Automatically cuts power in case of a short circuit.

Figure 5.1: The UL Certified charging station provides maximum safety with multiple layers of protection for your devices.

6. SPECIFICATIONS

Feature	Detail
Model Number	AX-8PTC
Total Output Power	252W
USB-C Ports	4 (100W Max per port)
USB-A Ports	4 (18W Max per port)

Total USB Ports	8
Display	Color LCD (Wattage, Voltage, Amperage, Temperature)
Fast Charging Protocols	PD 3.0, PPS, QC 4.0, QC 3.0
Safety Certifications	UL Certified
Product Dimensions	4.57 x 2.94 x 2.05 inches
Item Weight	1.58 pounds
Color	Black
Input Voltage	240 Volts

7. MAINTENANCE

- Keep the charging station clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the charging station yourself. Contact customer support for assistance.

8. TROUBLESHOOTING

- **Device not charging:** Ensure the charging station is properly plugged into a live power outlet. Verify that the USB cable is securely connected to both the charging station and your device. Try a different USB port or cable.
- **Slow charging:** Check if your device supports fast charging protocols (PD, QC). Ensure you are using a compatible cable. If multiple devices are connected, the total power output is shared, which might reduce individual port speeds.
- **LCD display not working:** Ensure the device is powered on. If the display is off, press the button on the front panel to activate it.
- **Overheating indication:** If the LCD shows a high internal temperature or a warning, disconnect some devices to reduce the load. Ensure the charging station has adequate ventilation.

9. WARRANTY AND SUPPORT

SABRENT products are designed and tested in the USA. For warranty information, please refer to the included User Manual or visit the official SABRENT website. For technical support or inquiries, please contact SABRENT customer service.
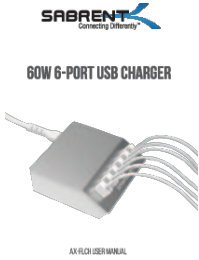
Your browser does not support the video tag.

Video 9.1: An unboxing and initial overview of the SABRENT 252W 8-Port Charger by a seller.

Your browser does not support the video tag.

Video 9.2: A brief demonstration of the SABRENT 252W 8-Port Charger's features and functionality by a seller.

Related Documents - AX-8PTC

	[Sabrent 60W 6-Port USB Charger AX-FLCH User Manual](#) User manual for the Sabrent 60W 6-Port USB Charger (Model AX-FLCH), detailing its features, specifications, usage instructions, and safety precautions.
	[Sabrent HB-B7C3 USB 3.0 Hub User Guide](#) Comprehensive user guide for the Sabrent HB-B7C3 USB 3.0 7-Port Hub with 3 Smart Charging Ports, detailing features, setup, and troubleshooting.
	[Sabrent USB 3.0 SATA 2.5" Dual Bay Hard Drive Docking Station User Manual](#) User manual for the Sabrent USB 3.0 SATA 2.5" Dual Bay Hard Drive Docking Station, detailing features, package contents, parts, and usage instructions for both docking and cloning functions.
	[Sabrent DS-UTC1 USB 3.1 Type-C HDD Docking Station User Manual](#) User manual for the Sabrent DS-UTC1 USB 3.1 Type-C 2.5"/3.5" SATA/SSD Hard Drive Docking Station. Includes product overview, installation guide for Windows and Mac, and troubleshooting tips.
	[Sabrent HB-MC3B Premium 4-Port Aluminum USB 3.0 Hub - User Guide](#) User guide for the Sabrent HB-MC3B Premium 4-Port Black Aluminum USB 3.0 Hub. Learn how to connect and use your USB hub with detailed instructions and component descriptions.
	[Sabrent USB 3.0 10-Port Hub with Power Switches User Guide](#) User guide for the Sabrent USB 3.0 10-Port Hub with Power Switches (HB-BU10), detailing features, package contents, overview, instructions, and troubleshooting.