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onerbl AC-DC Adapter

Onerbl AC-DC Adapter User Manual

Model: AC-DC Adapter for VisionTek VT4000 901005 Docking Station

1. Introduction

This manual provides comprehensive instructions for the safe and efficient use of your Onerbl AC-DC Adapter. This power supply is specifically designed as a replacement for the VisionTek VT4000 901005 DisplayLink Dual 4K USB Monitor Docking Station, as well as compatible with Li Shin 0225C2040 and 42T4454 power supplies. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- **Do not disassemble:** Attempting to disassemble or modify the adapter may cause electric shock, fire, or damage to the product, and will void the warranty.
- **Avoid extreme conditions:** Do not expose the adapter to water, high humidity, extreme temperatures, or direct sunlight.
- **Proper ventilation:** Ensure the adapter is placed in a well-ventilated area during operation to prevent overheating.
- **Correct voltage:** Only connect the adapter to power outlets providing the specified voltage (typically 100-240V AC).
- **Handle with care:** Avoid dropping or subjecting the adapter to strong impacts. Do not pull the cable forcefully to disconnect.
- **Children and pets:** Keep the adapter out of reach of children and pets.

3. Product Overview

The Onerbl AC-DC Adapter is a reliable power supply unit designed to provide stable power to your compatible docking station. It converts alternating current (AC) from a wall outlet to direct current (DC) required by your device.

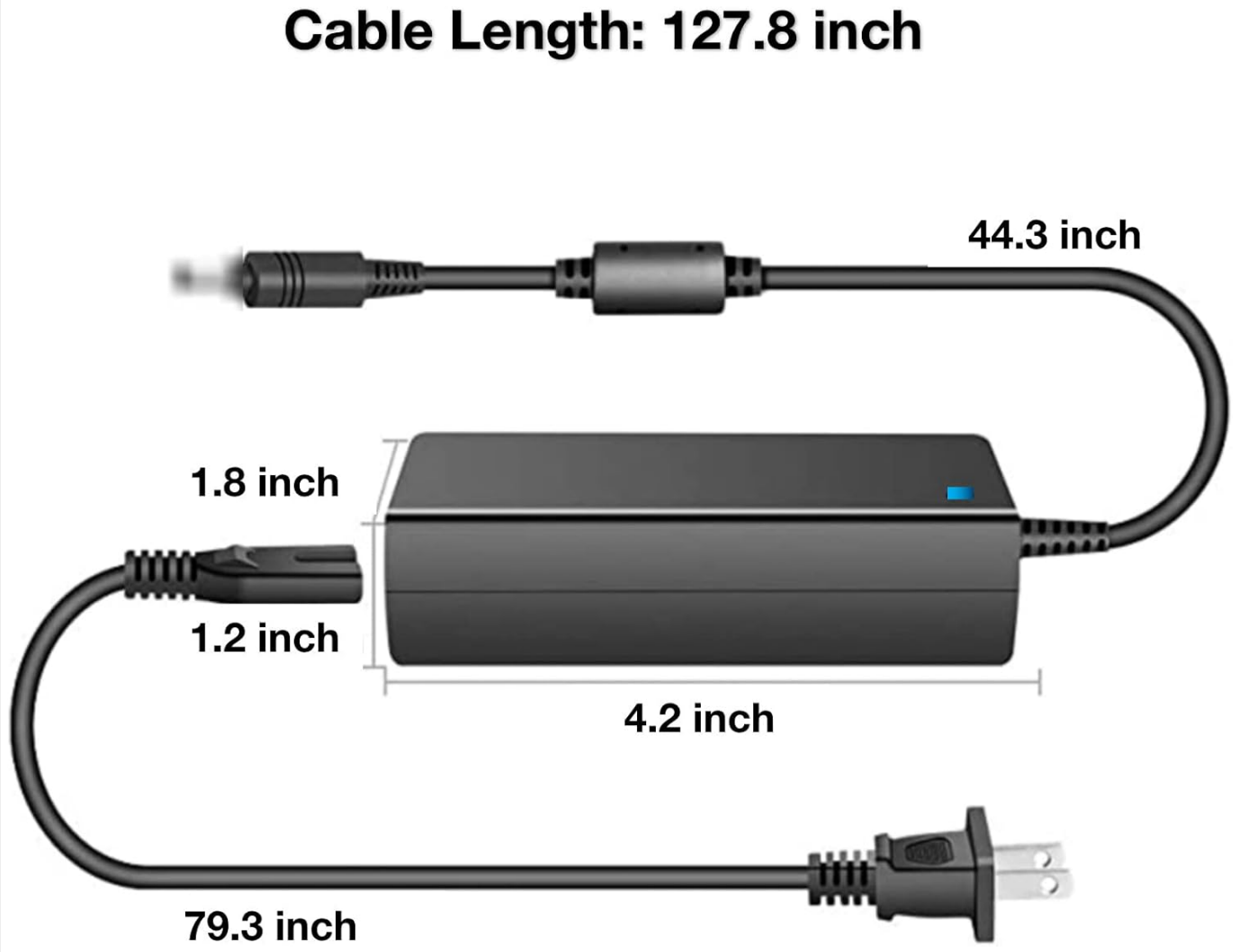


Image 3.1: Onerbl AC-DC Adapter unit with attached cables.

Key Features:

- Input: AC 100-240V, 50/60Hz
- Output: DC 20V, 2A, 40W
- Compatibility: VisionTek VT4000 901005, Li Shin 0225C2040, 42T4454
- Built-in safety features to protect against over-voltage, over-current, and short-circuit.

4. Setup Instructions

Follow these steps to properly connect your Onerbl AC-DC Adapter to your docking station and power source.

1. **Connect the AC Power Cord:** Take the detachable AC power cord (the one with the two-prong plug) and connect it firmly into the AC input port on the adapter unit.



Image 4.1: Detachable AC power cord.

2. **Connect to Docking Station:** Plug the DC output connector (the round barrel connector) from the adapter into the power input port of your VisionTek VT4000 docking station. Ensure a secure connection.
3. **Connect to Wall Outlet:** Insert the AC power plug into a standard wall electrical outlet.



Image 4.2: Adapter connected to a wall outlet and ready for use.

4. **Verify Power:** Once connected, the adapter may have an indicator light (often blue) to show it is receiving power and operating correctly. Your docking station should now receive power.

5. Operating Instructions

The Onerbl AC-DC Adapter operates automatically once connected to a power source and your device. No manual intervention is typically required for its basic function.

- **Power On:** The adapter begins supplying power as soon as it is plugged into a live electrical outlet and connected to the docking station.
- **Indicator Light:** A blue LED indicator on the adapter unit confirms that it is receiving power and functioning.
- **Disconnecting:** To disconnect, first unplug the AC power cord from the wall outlet, then disconnect the DC output connector from your docking station.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your AC-DC adapter.

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Do not use liquid cleaners or sprays. Ensure the adapter is unplugged from all power sources before cleaning.
- **Cable Care:** Avoid bending or crimping the cables excessively. Do not place heavy objects on the cables. Regularly inspect cables for any signs of damage, fraying, or exposed wires. If damage is found, discontinue use immediately.
- **Storage:** When not in use for extended periods, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cables loosely to prevent damage.

7. Troubleshooting

If you encounter issues with your Onerbl AC-DC Adapter, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Adapter indicator light is off, docking station not receiving power.	◦ No power from wall outlet. ◦ Loose connection. ◦ Faulty adapter or cable.	◦ Check if the wall outlet is working by plugging in another device. ◦ Ensure all cables (AC cord to adapter, adapter to docking station, AC plug to wall) are securely connected. ◦ Try a different wall outlet. ◦ If the issue persists, the adapter or cable may be faulty.
Docking station powers on but functions intermittently or not fully.	◦ Insufficient power. ◦ Overheating.	◦ Ensure the adapter specifications (20V, 2A, 40W) match the requirements of your docking station. ◦ Ensure adequate ventilation around the adapter. Disconnect and allow it to cool down if it feels hot.
Adapter feels excessively hot during operation.	◦ Poor ventilation. ◦ Overload.	◦ Ensure the adapter is in a well-ventilated area, not covered by cloths or other objects. ◦ Verify that the connected device does not exceed the adapter's power rating (40W). ◦ If overheating persists, discontinue use.

If these solutions do not resolve the issue, please contact customer support.

8. Specifications

Brand	Onerbl
Model	AC-DC Adapter
Input	AC 100-240V, 50/60Hz
Output	DC 20V, 2A, 40W

Compatibility	VisionTek VT4000 901005, Li Shin 0225C2040, 42T4454
Cable Length (Total)	Approximately 127.8 inches (324.6 cm)
Adapter Dimensions (Approx.)	4.2 inches (Length) x 1.8 inches (Width)
Manufacturer	Shenzhen Waweis Technology Co., Ltd
ASIN	B0DFG6NJLM



Image 8.1: Dimensional diagram of the Onerbl AC-DC Adapter.

9. Warranty and Support

Warranty Information: This product comes with a standard manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the product packaging or contact the seller directly.

Customer Support: If you have any questions, require technical assistance, or need to report a problem that cannot be resolved

using the troubleshooting guide, please contact the seller or manufacturer through the platform where the product was purchased. Please have your product model and purchase details ready when contacting support.

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Details

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