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› SoulBay Universal AC/DC Power Adapter (Model UC05U) Instruction Manual

SoulBay UC05U

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INTRODUCTION

This manual provides essential information for the safe and effective use of your SoulBay Universal AC/DC Power Adapter, Model UC05U. This versatile 30W power supply is designed to provide adjustable voltage output and comes with multiple interchangeable tips, making it compatible with a wide range of 3V to 12V household electronic devices.

Please read this manual thoroughly before operating the device and retain it for future reference.

IMPORTANT SAFETY INFORMATION

- **Voltage Matching:** Always ensure the selected voltage on the adapter precisely matches the voltage requirement of your device. Using a higher voltage can damage your device, while a lower voltage may prevent it from functioning correctly.
- **Polarity:** This adapter features a center positive (+) polarity. Verify that your device also requires center positive polarity. Reverse polarity can cause damage.
- **Current:** The adapter provides a maximum output current of 2A (2000mA). Ensure your device's current requirement does not exceed this limit.
- **Indoor Use Only:** This adapter is not waterproof and is intended for indoor use only. Avoid exposure to moisture or extreme temperatures.
- **Protection Features:** The adapter includes built-in smart chip protection against overvoltage, overcurrent, short circuit, and overtemperature. However, proper usage is still essential.
- **Children:** Keep the adapter and its accessories out of reach of children.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x SoulBay Multi-Voltage AC/DC Power Adapter (Model UC05U)
- 8x Interchangeable Adapter Tips

- 1x Voltage Adjustment Key



Image: The SoulBay Universal AC/DC Power Adapter, showing the main unit, the coiled power cord, and the eight interchangeable adapter tips arranged neatly.

PRODUCT OVERVIEW

The SoulBay UC05U adapter features a compact design with a built-in AC plug for direct wall connection. It includes a rotary switch for voltage selection and a dedicated USB-A output port.

Key Features:

- **Input:** AC 100-240V (50/60Hz)
- **DC Output:** Selectable 3V, 4.5V, 5V, 6V, 7.5V, 9V, 12V (0-2A Max)
- **USB Output:** 5V/1.2A
- **Cord Length:** 5 feet
- **Polarity:** Center Positive (+)

PRODUCT DIAGRAM



Image: A close-up view of the SoulBay adapter, highlighting the red rotary dial for voltage selection and the integrated USB-A port on the side.



Image: The SoulBay adapter showing its compact design, the USB port, and the neatly coiled output cable.

INTERCHANGEABLE ADAPTER TIPS

The adapter comes with 8 precision-machined interchangeable tips to ensure compatibility with various devices. These tips cover most common DC ports for 3V-12V electronics.

- **5.5*2.5mm:** Commonly used for routers, LED light strips, and power boxes.
- **4.8*1.7mm:** Suitable for scales, small electric fans, and DVD players.
- **4.0*1.7mm:** Often found on older chargers and small keyboards.
- **3.5*1.35mm:** Used for cameras and handheld devices.
- **3.0*1.1mm:** Compatible with electronic toys and music players.
- **2.5*0.7mm:** For Bluetooth speakers and small appliances.
- **Micro-USB:** For older model Android phones and tablets.
- **LED Terminal Connector:** Ideal for DIY projects and LED light strings.

Note: Not compatible with USB-C devices.

MULTI ADAPTER TIPS



Image: A visual guide to the eight interchangeable adapter tips, detailing their dimensions and typical applications.

SETUP INSTRUCTIONS

- 1. Identify Device Requirements:** Before connecting, check your device's label or existing power adapter for its voltage (V) and current (A or mA) requirements.
- 2. Select Correct Voltage:** Use the included voltage adjustment key to rotate the red dial on the adapter to match your device's required voltage (3V, 4.5V, 5V, 6V, 7.5V, 9V, or 12V). Ensure the dial clicks securely into place.
- 3. Choose Appropriate Adapter Tip:** Select the adapter tip that physically fits your device's DC input port. Refer to the 'Interchangeable Adapter Tips' section for guidance.
- 4. Attach Adapter Tip:** Connect the chosen tip to the adapter's output cable. Ensure it is firmly seated.
- 5. Verify Polarity:** Confirm that your device requires a center positive (+) polarity. This adapter is designed for center positive devices.
- 6. Connect to Device:** Plug the adapter tip into your device's DC input port.
- 7. Connect to Power Outlet:** Plug the AC adapter into a standard wall outlet (AC 100-240V). A green indicator light on

the adapter will illuminate, confirming power is supplied.



Image: A hand demonstrating how to use the small key to rotate the red voltage selection dial on the SoulBay power adapter.

MULTI APPLICATIONS



Security
amera



Baby Monitor



BluetoothSpeaker



CD Player



LED Strings



Galaxy Tablet



ExternalBattery



Router



Fire HD

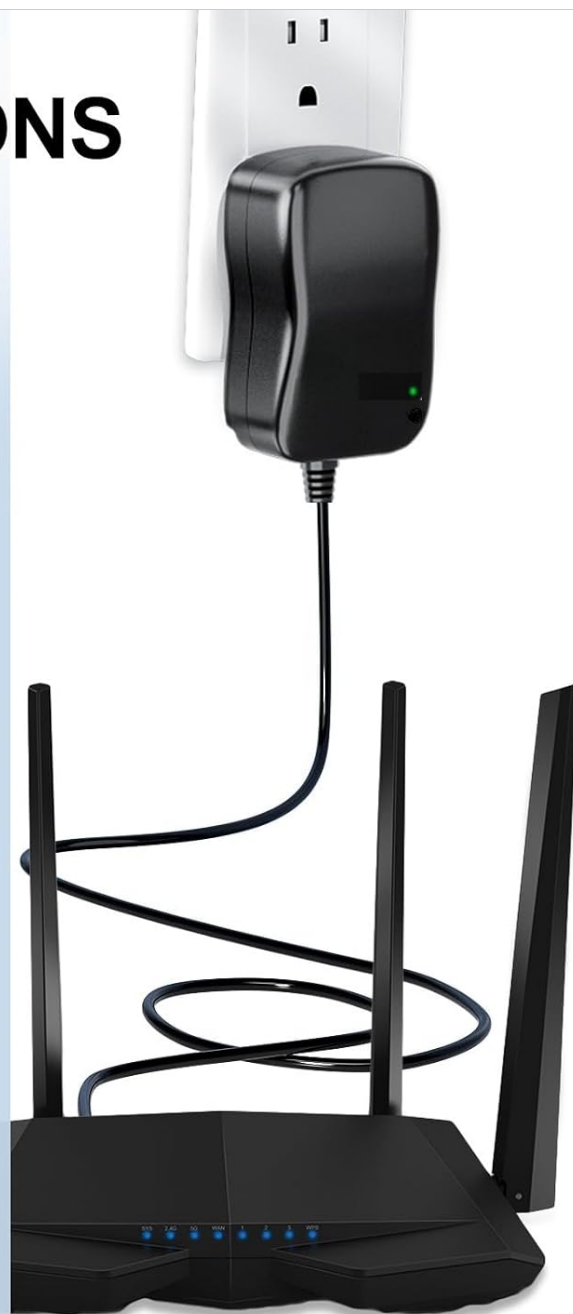


Image: A visual representation of connecting one of the interchangeable DC tips to the main output cable of the power adapter.

OPERATING INSTRUCTIONS

Once properly set up and connected, your device should begin to operate or charge. The adapter is designed for continuous use within its specified limits.

Using the USB Port:

The integrated 5V/1.2A USB-A port can be used simultaneously to charge or power compatible USB devices. Simply plug your USB cable into the port.



Image: The SoulBay adapter connected to a wall outlet, powering multiple devices such as a router, a Bluetooth speaker, and an LED lamp, demonstrating its multi-purpose compatibility.

Video: An official SoulBay video demonstrating the universal adapter's features, including voltage selection and tip compatibility, and showing it powering a portable speaker.

MAINTENANCE

- Keep the adapter clean and free from dust. Use a dry, soft cloth for cleaning.
- Store the adapter and tips in a cool, dry place when not in use.
- Avoid bending or crimping the power cord excessively.
- Do not attempt to open or repair the adapter yourself. Refer to qualified personnel for service.

TROUBLESHOOTING

Device Not Working or Charging:

- **Check Voltage Selection:** Ensure the voltage dial is set precisely to your device's required voltage. Use the adjustment key to confirm it is locked in position.
- **Verify Polarity:** Double-check that your device's polarity matches the adapter's center positive (+) output.
- **Confirm Tip Connection:** Make sure the adapter tip is securely connected to both the adapter cable and your device's input port.
- **Power Outlet:** Ensure the wall outlet is functioning correctly. Try plugging in another device to test the outlet.
- **Device Compatibility:** Confirm your device's current draw does not exceed the adapter's 2A maximum output.

Adapter Overheating:

- Disconnect the adapter immediately.
- Ensure the device's current requirement is within the adapter's 2A limit.
- Ensure adequate ventilation around the adapter.

If issues persist after following these steps, please contact SoulBay customer service.

SPECIFICATIONS

Feature	Detail
Model Number	UC05U
Input Voltage	AC 100-240V (50/60Hz)
DC Output Voltage	3V, 4.5V, 5V, 6V, 7.5V, 9V, 12V
DC Output Current	2A Max (2000mA)
USB Output Voltage	5V
USB Output Current	1.2A
Wattage	30W
Cord Length	5 FT
Product Dimensions	6.26 x 3.11 x 0.39 inches
Item Weight	4.9 ounces
Color	Black

WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please contact SoulBay customer service directly. Contact details can typically be found on the product packaging or the official SoulBay website.

