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GUY-TECH AC-P6005H

GUY-TECH 6V 0.5A AC Adapter AC-P6005H Instruction Manual

Model: AC-P6005H

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your GUY-TECH 6V 0.5A AC Adapter, model AC-P6005H. Please read these instructions carefully before using the product and retain them for future reference. The GUY-TECH AC-P6005H is designed to provide a stable 6V DC output at 0.5A, suitable for various compatible electronic devices, including specific Sony ONN DAB DB482 models. It features a compact design for portability and incorporates safety mechanisms such as over-voltage, over-current, and short-circuit protection.

2. IMPORTANT SAFETY INFORMATION

- Ensure the adapter's input voltage (100V-240V AC) matches your local power supply.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open or modify the adapter. This may void the warranty and pose safety risks.
- Disconnect the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.
- Use only with devices that require a 6V DC output and a current draw of 0.5A or less. Exceeding these specifications can damage the adapter or the connected device.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x GUY-TECH 6V 0.5A AC Adapter (Model: AC-P6005H)



Image 1: The GUY-TECH 6V 0.5A AC Adapter. This image displays the main unit of the power adapter, featuring a black rectangular body with an integrated power cord ending in a right-angle DC barrel connector. The adapter has a standard US two-prong plug for wall outlets.

4. PRODUCT SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	AC-P6005H
Input Voltage	100V - 240V AC, 50/60Hz
Output Voltage	6V DC
Output Current	0.5A (500mA)
Connector Type	DC Barrel Plug (Right-angle)
Color	Black
Material	Metal, Plastic
Special Features	Over Voltage Protection, Over Current Protection, Short Circuit Protection, Compact Size
Certifications	CCC, CE



Image 2: Dimensions of the AC Adapter. This image illustrates the physical measurements of the adapter's main body, showing a length of 2.92 inches, a width of 1.58 inches, and a thickness of 1.18 inches, highlighting its compact form factor.

5. SETUP AND CONNECTION

1. **Verify Device Compatibility:** Before connecting, ensure your device requires a 6V DC power input and draws a current of 0.5A (500mA) or less. Check your device's specifications or original power adapter for compatibility.
2. **Connect to Device:** Insert the DC barrel plug of the GUY-TECH AC adapter into the power input port of your electronic device. Ensure a secure connection.
3. **Connect to Power Outlet:** Plug the AC adapter's two-prong plug into a standard 100V-240V AC wall outlet.
4. **Power On Device:** Once connected, power on your device as usual. The adapter will supply the necessary power.



Image 3: AC Adapter connected to a wall outlet. This image shows the black AC adapter securely plugged into a white wall power outlet, with the power cord extending downwards, illustrating a typical setup scenario.

6. OPERATING INSTRUCTIONS

The GUY-TECH AC-P6005H adapter operates automatically once connected to a power source and a compatible device. It provides continuous power to your device. No user interaction is required for its operation beyond initial connection.

- The adapter is designed for continuous use within its specified operating parameters.
- It features built-in protection against over-voltage, over-current, and short-circuit conditions to safeguard both the adapter and your connected device.
- The adapter may become warm during operation, which is normal. However, if it becomes excessively hot, disconnect it immediately and check for compatibility issues or faults.

7. CARE AND MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly coiling the power cord to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cord for any signs of damage, such as cuts, frayed wires, or bent prongs. If damage is found, discontinue use and replace the adapter.

DETAILS OF THE PRODUCT



American Plug



Thick Copper Core



The Flexibility of the power cord



Image 4: Detailed view of the AC Adapter's features. This image highlights key aspects such as the American plug type, the thick copper core within the cable for durability and efficient power transfer, and the flexibility of the power cord, indicating resistance to bending and wear.

8. TROUBLESHOOTING

If you encounter issues with your GUY-TECH AC adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly plugged in. Device not compatible with 6V 0.5A. Faulty power outlet. Damaged adapter or cable.	Ensure adapter is securely plugged into both the device and the wall outlet. Verify device's power requirements. Test the outlet with another device. Inspect adapter and cable for damage; replace if necessary.
Adapter gets excessively hot.	Overload (device draws too much current). Poor ventilation. Internal fault.	Disconnect immediately. Verify device's current draw is 0.5A or less. Ensure adapter is in an open area. If problem persists, discontinue use.
Intermittent power supply.	Loose connection. Damaged cable.	Check all connections for tightness. Inspect cable for damage; replace adapter if cable is damaged.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact GUY-TECH customer service through their official website or the retailer where the product was purchased. Please have your model number (AC-P6005H) and purchase date available when contacting support.

10. ENVIRONMENTAL PROTECTION AND DISPOSAL

This product contains electronic components and should not be disposed of with household waste. Please dispose of it at an appropriate recycling facility in accordance with local regulations. Proper disposal helps prevent potential negative consequences for the environment and human health.

