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GUY-TECH 50710E01075

GUY-TECH 8V AC-DC Adapter User Manual

Model: 50710E01075

Introduction

This user manual provides essential information for the safe and effective use of your GUY-TECH 8V AC-DC Adapter. This power supply is specifically designed to be compatible with the Brookstone Alarm Clock Model NO.4511 (SKU# 634022). It offers a reliable and efficient power solution for your device.
The adapter is engineered for convenience, portability, and storage, featuring high efficiency and low energy consumption. It operates with minimal heat generation and noise, ensuring stable performance. Built-in protection mechanisms safeguard your device against over-voltage, over-current, and short-circuit conditions.

Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the adapter or connected device.

- Ensure the adapter's voltage and current ratings match the requirements of your device. This adapter is specifically designed for 8V devices, such as the Brookstone Alarm Clock Model NO.4511.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble, modify, or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.
- Ensure proper ventilation around the adapter during operation. Do not cover it with cloth or other materials.
- The adapter features **Over Voltage Protection**, **Over Current Protection**, and **Short Circuit Protection** to safeguard your connected device.

Product Overview

The GUY-TECH 8V AC-DC Adapter is a compact and robust power supply unit. It consists of a main adapter body with an integrated AC plug and an attached DC output cable with a compatible connector.



Figure 1: The GUY-TECH 8V AC-DC Adapter, showcasing its compact design and the coiled output cable.



Figure 2: Detailed view highlighting the American plug type, the robust thick copper core within the cable for efficient power transfer, and the flexibility of the power cord for easy handling and storage.

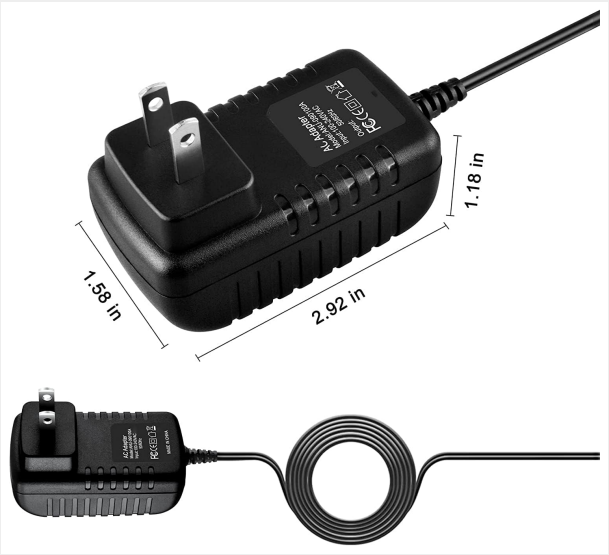


Figure 3: The physical dimensions of the adapter, measuring approximately 1.58 inches in width, 1.18 inches in depth, and 2.92 inches in length, illustrating its compact size.

Setup

Setting up your GUY-TECH 8V AC-DC Adapter is straightforward. Follow these steps to power your compatible device:

1. **Verify Compatibility:** Ensure your device, such as the Brookstone Alarm Clock Model NO.4511, requires an 8V AC-DC power supply with a compatible connector type.
2. **Connect to Device:** Carefully insert the DC output connector of the adapter into the power input port of your Brookstone Alarm Clock or other compatible device. Ensure a snug and secure connection.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard AC 100V-240V wall outlet.
4. **Power On Device:** Once connected, your device should receive power. Refer to your device's manual for specific power-on instructions.



Figure 4: The GUY-TECH AC-DC Adapter securely plugged into a standard wall outlet, ready to provide power.

Operating Instructions

The GUY-TECH 8V AC-DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 8V DC output to power your electronics.

- The adapter is designed for continuous operation within its specified limits.
- It features high power exchange efficiency, which helps control the working temperature and ensures stable operation.
- No user intervention is required for its basic function. Simply plug it in and ensure your device is receiving power.

Maintenance

Proper maintenance ensures the longevity and reliable performance of your adapter.

- **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 aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires, bent prongs, or cracks in the casing. If damage is found, discontinue use immediately and replace the adapter.

Troubleshooting

If you encounter issues with your GUY-TECH 8V AC-DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not receiving power.	Adapter not fully plugged into outlet. DC connector not fully inserted into device. Power outlet is not active. Adapter or cable is damaged. Device malfunction.	Ensure adapter is securely plugged into a live wall outlet. Check that the DC connector is firmly seated in the device's power port. Test the outlet with another working appliance. Inspect the adapter and cable for visible damage. If damaged, replace the adapter. Test the device with another known working power supply, if available.
Adapter feels excessively hot.	Poor ventilation. Overload (device drawing too much power). Internal malfunction.	Ensure the adapter is in an open area with good airflow. Verify the connected device's power requirements do not exceed the adapter's output capacity. If overheating persists, discontinue use and replace the adapter.

Specifications

The following are the technical specifications for the GUY-TECH 8V AC-DC Adapter:

Feature	Detail
Brand	GUY-TECH

Feature	Detail
Model Number	50710E01075
Input Voltage	AC 100V - 240V (Worldwide Use)
Output Voltage	8V DC (Specific output current not provided, assume compatible with Brookstone Alarm Clock Model NO.4511)
Compatible Devices	Brookstone Alarm Clock Model NO.4511, Monitors, Printers, Speakers, Tablets (requiring 8V power)
Special Features	Travel-friendly, Over Voltage Protection, Over Current Protection, Short Circuit Protection
Power Source Type	Corded Electric
Connector Type	Powerline (DC Barrel Plug)
Material Type	Metal Plastic Composite
Color	Black
Certifications	CCC, CE, RoHS

Warranty and Support

For information regarding warranty coverage or technical support for your GUY-TECH 8V AC-DC Adapter, please refer to the product packaging or contact the seller directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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