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› EPtech 6V AC Adapter Instruction Manual for Casio AD-A60024 Calculator

EPtech TNS30W-xy-z

EPtech 6V AC Adapter Instruction Manual

Model: TNS30W-xy-z

1. INTRODUCTION

Thank you for choosing the EPtech 6V AC Adapter. This manual provides essential information for the safe and efficient use of your power adapter. Please read these instructions carefully before use and retain them for future reference. This adapter is designed to provide reliable power for compatible devices, such as the Casio AD-A60024 Calculator.

2. PRODUCT OVERVIEW

The EPtech 6V AC Adapter is a high-quality power supply unit featuring a durable design and multiple safety protections. It is engineered to deliver stable 6V power to your electronic devices.



Figure 2.1: Front view of the EPtech 6V AC Adapter, showing the power prongs and output cable.

High Quality Power Cable Design



Figure 2.3: Illustration of the adapter's high-quality power cable design, featuring copper wire and PVC insulation for durability and safety.

Safety Design with Multiple Protections



Figure 2.4: Diagram highlighting the adapter's integrated safety features, including protection against over-temperature, over-voltage, over-current, and short circuits.

Durable & Compact Design



Figure 2.5: Visual representation of the adapter's durable construction and compact form factor, suitable for various environments.

3. SETUP

Follow these steps to set up your EPtech 6V AC Adapter:

1. **Verify Compatibility:** Ensure your device requires a 6V DC input and has a compatible barrel connector. This adapter is specifically designed for devices like the Casio AD-A60024 Calculator.
2. **Connect to Device:** Insert the barrel connector end of the adapter's cable firmly into the power input port of your electronic device.
3. **Connect to Power Outlet:** Plug the AC adapter into a standard 100-240VAC wall outlet.



Figure 3.1: The AC adapter connected to a power strip, illustrating proper connection to a power source.

Once connected, your device should receive power. If your device has a power indicator, it should illuminate.

4. OPERATING INSTRUCTIONS

The EPtech 6V AC Adapter operates automatically once connected. It converts the AC wall power to the required 6V DC power for your device.

- Ensure the adapter is securely plugged into both the wall outlet and your device.
- The adapter is designed for continuous use, but it is recommended to unplug it from the wall outlet when not in use for extended periods.
- Do not cover the adapter during operation to allow for proper ventilation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AC adapter, follow these maintenance guidelines:

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft,

dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.

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

6. TROUBLESHOOTING

If you encounter issues with your EPtech 6V AC Adapter, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Device not powering on	Adapter not fully plugged in Wall outlet not functioning Device power input issue Adapter malfunction	Ensure adapter is securely connected to both device and wall. Test the wall outlet with another device. Verify device power input port is clean and undamaged. If possible, test with another compatible adapter.
Adapter feels hot	Normal operation (slight warmth) Overload or poor ventilation	A slight warmth is normal. Ensure adapter is not covered and has adequate airflow. Verify device power requirements do not exceed adapter's output (6V, 1A). Disconnect if excessively hot.
Flickering power to device	Loose connection Damaged cable	Check all connections for tightness. Inspect the cable for any visible damage. If damaged, discontinue use.

7. SPECIFICATIONS

Feature	Detail
Model Number	TNS30W-xy-z
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	6V DC
Output Current	1 Amp
Power Cord Length	6.5 Feet (approx. 2 meters)
Connector Type	Barrel Connector
Material	Plastic
Safety Features	Over Current Protection, Total Power Protection, Over Voltage Protection, Short Circuit Protection
Certifications	FCC, CE, RoHS
Weight	8 Ounces (approx. 227 grams)

8. WARRANTY INFORMATION

The EPtech 6V AC Adapter comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product performs as described under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

9. SUPPORT AND CONTACT

If you have any questions, require technical assistance, or need to make a warranty claim, please do not hesitate to contact our customer support team.

Email: epcustomerservice@yahoo.com

Our team is available to assist you with any inquiries regarding your EPtech product.