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› Kircuit AC/DC Adapter User Manual for Panasonic KX-TGE270 KX-TGE270S Phone Systems

Kircuit KX-TGE270 / KX-TGE270S Series Adapter

Kircuit AC/DC Adapter User Manual

For Panasonic KX-TGE270, KX-TGE270S, KXTGE270, KXTGE270S DECT 6.0 Plus Link-to-Cell Bluetooth Cordless Phone Systems

1. PRODUCT OVERVIEW

This Kircuit AC/DC Adapter is designed to provide reliable power to your Panasonic KX-TGE270, KX-TGE270S, KXTGE270, and KXTGE270S DECT 6.0 Plus Link-to-Cell Bluetooth Cordless Phone Systems. It serves as a direct replacement or a convenient travel backup power supply, ensuring your devices remain charged and operational. The adapter features a robust design with built-in safety protections, including safeguards against short circuits, excess voltage, over-temperature, and overcurrent, ensuring safe and efficient power delivery.



2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product and connected devices:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or attempt to repair the adapter. Refer servicing to qualified personnel.
- Ensure the adapter is used with compatible devices and within its specified voltage and current ratings.
- Avoid placing heavy objects on the power cord.
- Unplug the adapter from the power outlet when not in use for extended periods.

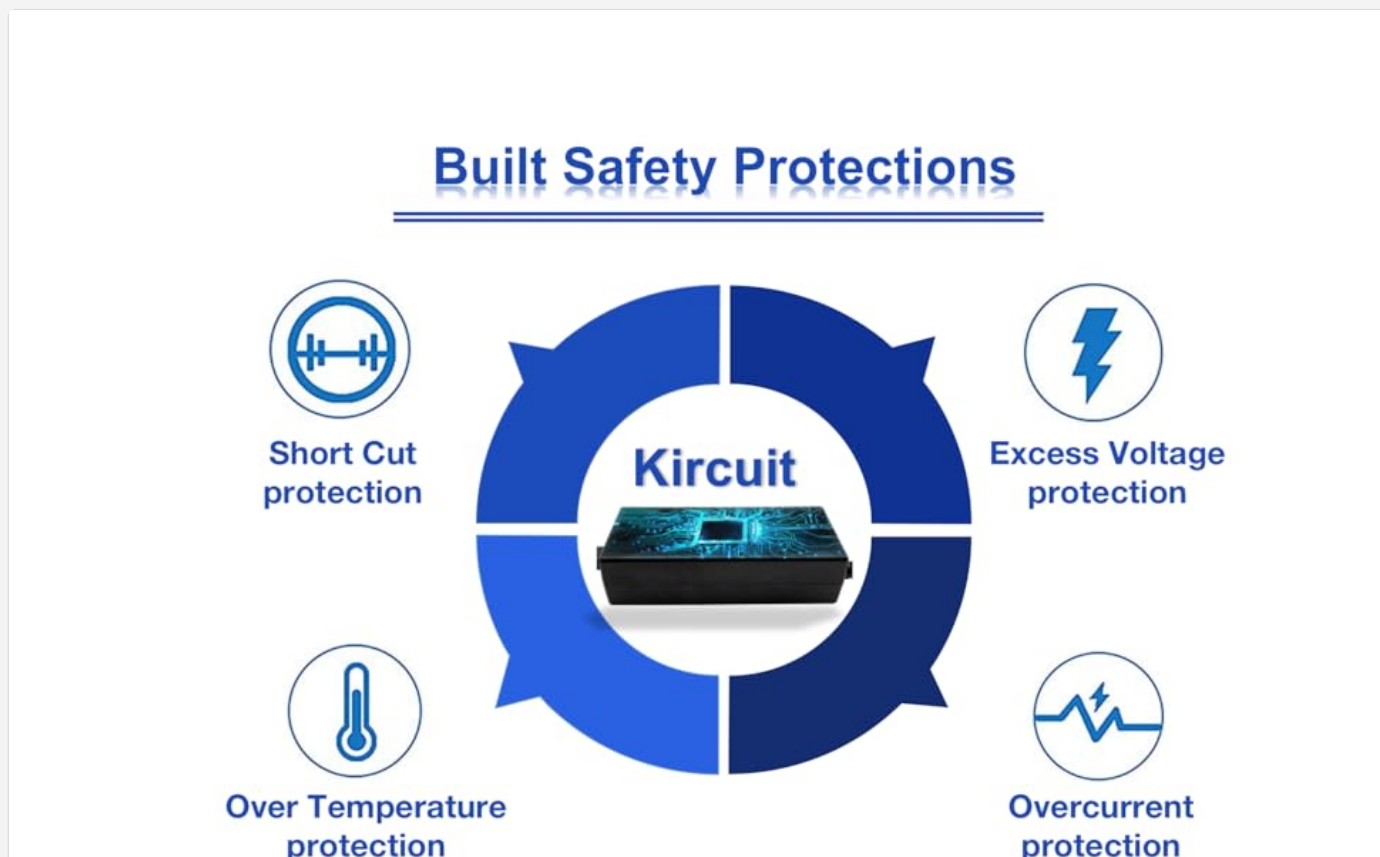


Figure 2.1: Overview of the adapter's built-in safety protections, including short circuit, excess voltage, over-temperature, and overcurrent protection.

3. SETUP AND INSTALLATION

1. **Verify Compatibility:** Ensure your device is a Panasonic KX-TGE270, KX-TGE270S, KXTGE270, or KXTGE270S series phone system.
2. **Connect to Device:** Locate the power input port on your Panasonic phone system. Insert the DC output plug of the Kircuit adapter firmly into this port.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100V-240V AC wall outlet. Ensure the outlet is easily accessible.
4. **Power On:** Once connected, your phone system should begin to power on or charge its battery.



Figure 3.1: The adapter connected to a power strip, demonstrating a typical setup for use.

4. OPERATING INSTRUCTIONS

The Kircuit AC/DC Adapter operates automatically once connected. It provides a stable power supply to your Panasonic phone system for continuous operation or battery charging.

- **Continuous Power:** The adapter provides constant power, allowing your phone system to function without relying on battery power, ideal for base units.
- **Battery Charging:** When connected to a cordless handset or base unit with a rechargeable battery, the adapter will charge the battery. Charging indicators on your phone system will typically show the charging status.
- **Unplugging:** To disconnect, first unplug the adapter from the wall outlet, then disconnect the DC plug from your device.

5. MAINTENANCE AND CARE

Proper care ensures the longevity and optimal performance of your Kircuit AC/DC Adapter:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. 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 winding the cord.
- **Cord Integrity:** Regularly inspect the power cord for any signs of damage, such as fraying or cuts. If damage is observed, discontinue use immediately.
- **Handling:** Always grasp the plug when inserting or removing the adapter from an outlet; do not pull by the cord.



Figure 5.1: The adapter features a 6.5 ft (approximately 2 meters) cord length, providing flexibility in placement.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on/charging.	Adapter not properly plugged in. Faulty power outlet. Incompatible device. Damaged adapter/cord.	Ensure adapter is fully inserted into wall outlet and device. Test outlet with another device. Verify device model compatibility. Inspect adapter and cord for damage; discontinue use if damaged.
Adapter feels warm during use.	Normal operation. Overload/Poor ventilation.	Slight warmth is normal. Ensure adequate ventilation around the adapter. If excessively hot, unplug immediately and contact support.
Intermittent power supply.	Loose connection. Damaged cord/connector.	Check all connections are secure. Inspect cord and connector for damage.

7. SPECIFICATIONS

- **Input:** 100V-240V AC, 50/60Hz, 0.3A
- **Output:** (Specific output voltage/current not provided in feature bullets, but implied to be compatible with Panasonic KX-TGE270 series)
- **Cord Length:** Approximately 6.5 feet (2 meters)
- **Weight:** Approximately 8 ounces (227 grams)
- **Compatibility:** Panasonic KX-TGE270, KX-TGE270S, KXTGE270, KXTGE270S DECT 6.0 Plus Link-to-Cell Bluetooth Cordless Phone Systems



Figure 7.1: Multiple views of the Kircuit AC/DC Adapter, highlighting its compact design.

Durable design



- Power cable made of high-quality materials with thick insulation layer to protect against wear and tear, as well as abrasion-resistant outer sheathing to prevent damage from external factors.
- The cable can withstand high temperatures without melting or degrading, which is especially important for cables carrying high current loads.

Figure 7.2: Details on the durable design of the power cable, featuring high-quality materials and thick insulation for protection.

- The plugs on the power cable also well-made and designed to provide a secure and stable connection.
- The plugs can handle high electrical loads without overheating or causing a fire hazard.

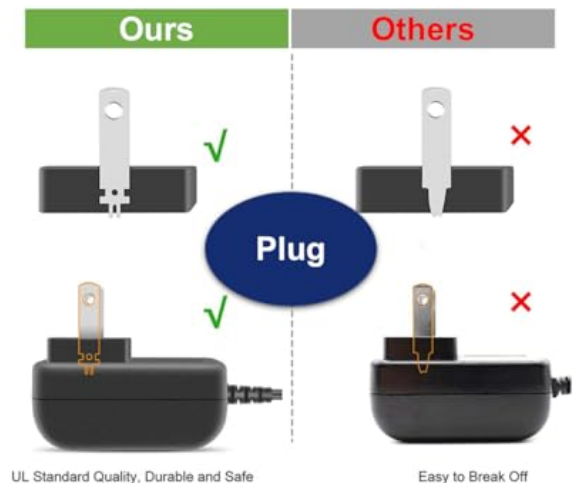


Figure 7.3: Comparison of plug design, emphasizing the secure and stable connection provided by Kircuit adapters.

8. WARRANTY AND SUPPORT

Kircuit products are designed for reliability and performance. This adapter typically comes with a manufacturer's warranty.

Please refer to the product packaging or the seller's information for specific warranty terms and duration. (Note: Some product images indicate a 3-year warranty.)

For technical support, troubleshooting assistance, or warranty claims, please contact your retailer or the Kircuit customer service department through the contact information provided with your purchase or on the official Kircuit website.



Figure 8.1: The product packaging may indicate a 3-year warranty, reflecting the manufacturer's commitment to quality.

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