

KFD KFD 5.4V 1.2A Power Adapter

KFD 5.4V Power Adapter Instruction Manual

For Panasonic Electric Shavers and Razors

INTRODUCTION

This manual provides instructions for the safe and effective use of your KFD 5.4V Power Adapter. This adapter is designed to provide power and charge compatible Panasonic electric shavers and razors. Please read this manual thoroughly before use and retain it for future reference.

SETUP

Follow these steps to set up your KFD 5.4V Power Adapter:

- Unpack the Adapter:** Carefully remove the power adapter from its packaging. Ensure all components are present: the KFD 5.4V power adapter and the user manual.
- Inspect for Damage:** Before first use, visually inspect the power adapter and its cable for any signs of damage. Do not use the adapter if it appears damaged.
- Connect to Power Outlet:** Plug the AC adapter into a standard 100-240V AC wall outlet. The adapter is designed for worldwide input voltage.
- Connect to Shaver:** Insert the charging connector of the adapter into the charging port of your compatible Panasonic electric shaver or razor. Ensure a secure connection.



Image: The KFD 5.4V Power Adapter connected to a Panasonic shaver, illustrating the connection process. Note that the multi-port charger shown is for illustrative purposes of a power source; the adapter plugs directly into a wall outlet.



Image: A close-up view of the KFD 5.4V Power Adapter, showing the main unit, cable, and the barrel connector designed for Panasonic shavers.

OPERATING INSTRUCTIONS

Once the adapter is properly connected, your Panasonic shaver will begin charging. Observe the charging indicator on your shaver (if available) to monitor the charging status.

Compatibility:

This KFD 5.4V Power Adapter is compatible with a wide range of Panasonic electric shavers and razors. Please verify your shaver model against the list below to ensure compatibility:

- **Arc3 Series:** ES-RT31, ES-RT33, ES-RT37, ES-RT47, ES-RT51, ES-RT53, ES-RT67, ES-RT77, ES-RT81, ES-RT97; ES-LT2A, ES-LT31, ES-LT33, ES-LT3N, ES-LT41, ES-LT4N, ES-LT5, ES-LT5N, ES-LT67, ES-LT6A, ES-LT7, ES-LT71, ES-LT7N, ES-LT81, ES-LT8N; ES-SL33, ES-SL83, ES-ST21, ES-ST25, ES-ST2N; ER-SB40, ER-SB40K; ES-ED70, ES-ED70-G, ES-ED90, ES-ED90-P; ES-LL21, ES-LL41, ES-LL41-K; ES-WD22, ES-WD24, ES-WD51, ES-WD52, ES-WD54, ES-WD63, ES-WD72, ES-WD74, ES-WD88, ES-WD93, ES-WD95.
- **Arc4 Series:** ES-LA63, ES-LA63-A, ES-LA63-S, ES-LA74, ES-LA83, ES-LA921, ES-LA92, ES-LA94, ES-LA93, ES-LA93-K; ES-LF30, ES-LF71, ES-LF5, ES-LF51-A; ES-RF31, ES-RF31-S, ES-RF41; ES-SF21.
- **Arc5 Series:** ES-LV50, ES-LV61, ES-LV65, ES-LV67, ES-LV6N, ES-LV70, ES-LV81, ES-LV90, ES-LV95, ES-LV96, ES-LV97, ES-LV9N, ES-LV9Q.
- **Arc6 Series:** ES-WS10, ES-WS11, ES-WS20, ES-WS31, ES-LS8A, ES-LS8A-K, ES-LS9A, ES-LS9A-K.

- **Other Compatible Models:** ES-LV97-K, ES-LL41-K, RE7-87, ER-GC20, ES-GA20, ES-GA21, ES-GA21-S, ES-LT51, ES-LT71-S, ES-LT81, ES-LV50, ES-LV61, ES-LV65-S, ES-LV81-K, ES-LV90, ES-LV95-S, ES-LV96-S, ES-RT31-Q, ES-RT51-S, ES-RT81, ES-SL33-S, ES-ST25KS.

Important Note:

This adapter is **NOT** compatible with the following Panasonic shaver models: ES8103S, ES8234A Wet/Dry, ES7103, ES7103K, ES7109, ES7109S, ES8101, ES8101S, ES8109, ES8109S, ES8111, ES8111P, ES8228, ES8228S. Please check your shaver's model number before use.

MAINTENANCE

To ensure the longevity and proper functioning of your KFD 5.4V Power Adapter, follow these maintenance guidelines:

- **Cleaning:** Disconnect the adapter from the power outlet and your shaver before cleaning. Use a soft, dry cloth to wipe the exterior of the adapter. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly winding the cable to prevent damage.
- **Cable Care:** Do not bend, twist, or pull the cable excessively. Avoid placing heavy objects on the cable.
- **Inspection:** Periodically inspect the adapter and cable for any signs of wear, cuts, or damage. If damage is found, discontinue use immediately.

TROUBLESHOOTING

If you encounter issues with your KFD 5.4V Power Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Shaver is not charging.	1. Adapter not properly plugged into outlet. 2. Adapter not properly connected to shaver. 3. Shaver model is incompatible. 4. Power outlet is not functioning.	1. Ensure the adapter is securely plugged into a live wall outlet. 2. Verify the charging connector is fully inserted into the shaver's port. 3. Check your shaver model against the compatibility list in this manual. If incompatible, discontinue use. 4. Test the outlet with another device to confirm it has power.

Problem	Possible Cause	Solution
Adapter feels hot during charging.	Normal operation may involve some heat. Excessive heat may indicate an issue.	A slight warmth is normal. If the adapter becomes excessively hot to the touch, disconnect it immediately and contact support. Ensure adequate ventilation around the adapter.
Adapter or cable is physically damaged.	Physical stress or accident.	Discontinue use immediately. Do not attempt to repair. Contact customer support for assistance.

SPECIFICATIONS

The KFD 5.4V Power Adapter features the following technical specifications:

- **Input Voltage:** 100-240V AC, 50/60Hz
- **Output Voltage:** 5.4V DC
- **Output Current:** 1.2A
- **Output Wattage:** 6.48W
- **Connector Type:** Barrel connector (specific to Panasonic shavers)
- **Safety Features:** Over Voltage Protection (OVP), Over Current Protection (OCP), Short Circuit Protection (SCP), Over Temperature Protection (OTP), Surge Protection, Current Stabilizer, Temperature Control, Fire Retardant materials.
- **Certifications:** CE, FCC, RoHS compliant
- **Dimensions:** Approximately 1.8 x 1.8 x 1.1 inches (45 x 45 x 27 mm)
- **Weight:** Approximately 1.58 ounces (45g)



Image: Diagram illustrating the built-in safety protections of the KFD power adapter, including surge protection, current stabilization, temperature control, and short circuit prevention.



Image: An internal view of the adapter's circuit board, highlighting Over Current Protection (OCP), Over Temperature Protection (OTP), Over Voltage Protection (OVP), and Short Circuit Protection (SCP).



Image: The KFD power adapter plugged into a wall socket, emphasizing its safety features such as chip quality, ABC+PC materials, fire retardant properties, and efficient heat dissipation.



Image: The compact design of the KFD power adapter, highlighting its suitability for travel with dimensions of 1.8x1.8x1.1 inches and a weight of 1.58 ounces.

WARRANTY

KFD products are covered by a warranty to ensure customer satisfaction and product reliability.

- **Warranty Period:** This product comes with a **36-month warranty** from the date of purchase.
- **Free Exchange:** A **30-day free exchange** policy is available for initial product issues.
- **Coverage:** The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes.



Image: A visual representation of the 3-year warranty provided with the product.

SUPPORT

For any questions, concerns, or technical assistance regarding your KFD 5.4V Power Adapter, please contact our customer support team.

- **Contact:** Refer to the contact information provided with your purchase or visit the official KFD website for support details.
- **Before Contacting:** Please have your product model and purchase date available. Review the troubleshooting section of this manual as it may resolve your issue.



Image: Illustration of customer support availability, encouraging users to contact for assistance.