

KFD LAC-732-US

KFD 6V Universal AC Adapter Instruction Manual

Model: LAC-732-US

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your KFD 6V Universal AC Adapter. This adapter is designed to provide reliable power to a wide range of 6V electronic devices, featuring multiple interchangeable tips for broad compatibility. Please read these instructions carefully before use.



Image: The KFD 6V Universal AC Adapter shown with its power cord and a set of six interchangeable connector tips.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety guidelines:

- **Voltage Compatibility:** This adapter is designed for 6V devices only. **DO NOT use with 12V devices.** Using the incorrect voltage can damage your device.
- **Indoor Use Only:** This adapter is intended for indoor use in dry locations. Avoid exposure to moisture or extreme temperatures.
- **Proper Ventilation:** Ensure the adapter has adequate ventilation during use. Do not cover it or place it in enclosed spaces.
- **Cable Care:** Do not pull, bend, or place heavy objects on the power cord. Inspect the cord regularly for any damage.
- **Disconnect When Not in Use:** Unplug the adapter from the power outlet when not in use for extended periods.
- **Children and Pets:** Keep the adapter and its components out of reach of children and pets.

The adapter features built-in safety protections:

- **Over Current Protection (OCP):** Prevents damage from excessive current.
- **Over Temperature Protection (OTP):** Guards against overheating.
- **Over Voltage Protection (OVP):** Protects against voltage spikes.
- **Short Circuit Protection (SCP):** Safeguards against short circuits.

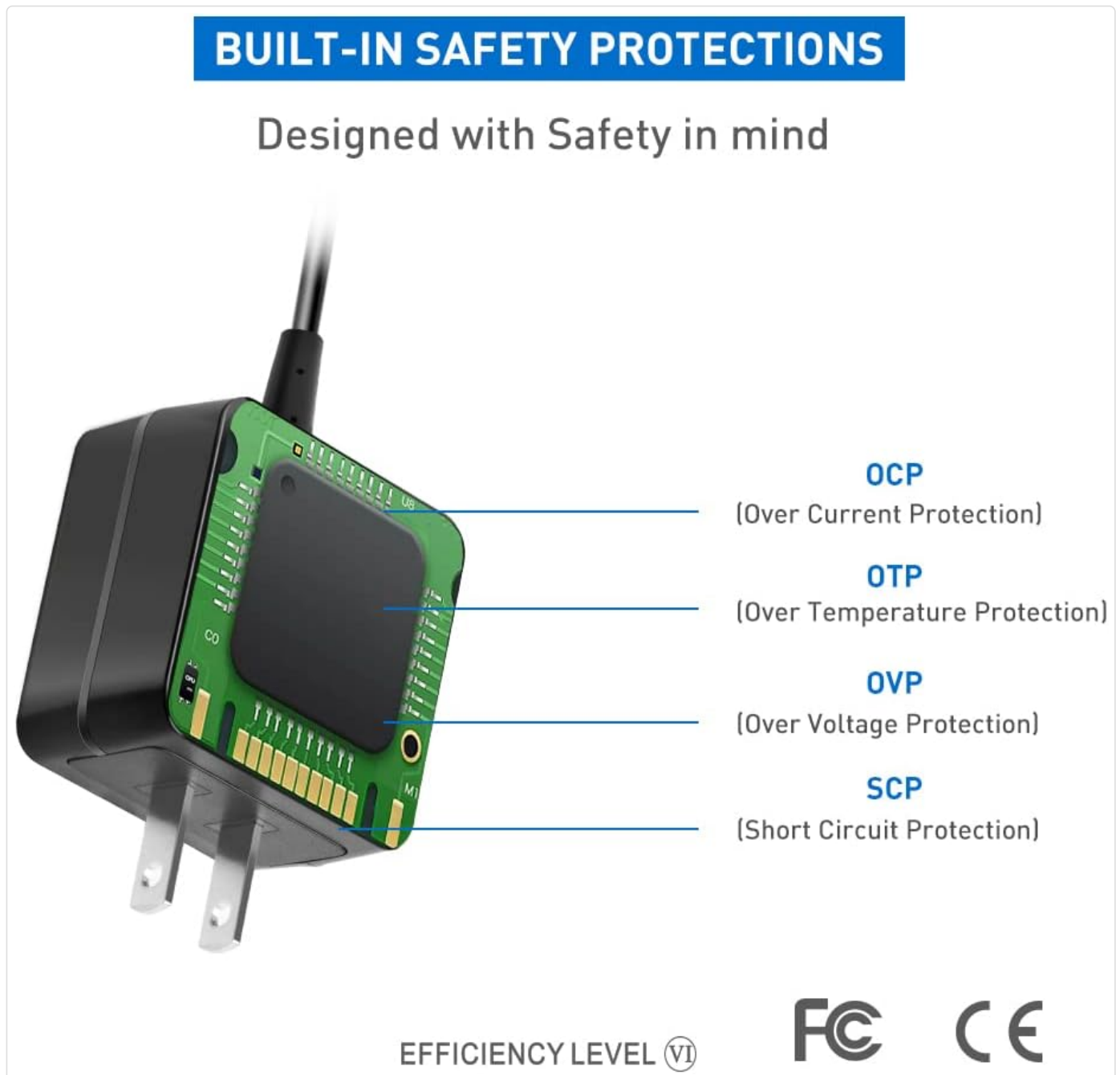


Image: A cutaway diagram of the KFD AC adapter highlighting its internal safety features including Over Current, Over Temperature, Over Voltage, and Short Circuit Protection.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x KFD 6.5V Universal AC Adapter Power Supply
- 6 x Convertible DC Connector Tips (2.5mm*0.7mm, 3.5mm*1.35mm, 4.0mm*1.7mm, 4.8mm*1.7mm, 5.5mm*1.7mm, 5.5mm*2.5mm)
- 1 x User Manual (this document)

4. SETUP INSTRUCTIONS

Follow these steps to prepare your adapter for use:

1. **Identify Device Requirements:** Check your device's power input specifications (voltage and connector size). This adapter is suitable for 6V devices.
2. **Select the Correct Tip:** Choose one of the six provided connector tips that matches your device's power input port. Ensure a snug fit.
3. **Attach the Tip:** Firmly insert the selected tip onto the adapter's DC output cable.
4. **Connect to Device:** Plug the adapter's tip into your device's power input port.
5. **Connect to Power Outlet:** Plug the AC adapter into a standard 100-240V wall outlet.

Choose Fitting Tip Before Power

Each power tip with its own size, Output Voltage, Compatible Brand Models.



Image: An illustration demonstrating the process of selecting and attaching the correct DC connector tip to the adapter's main cable.

Important Note: Always confirm the DC output voltage and amperage of your device and ensure it is compatible with this 6V adapter before connecting. If your device requires 12V, this adapter is NOT suitable.

5. OPERATING INSTRUCTIONS

Once connected, the adapter will supply power to your device. Most devices will indicate charging or power status via an LED indicator. No further action is required from the adapter itself during operation.

6. COMPATIBILITY

The KFD 6V Universal AC Adapter is compatible with a wide range of 6V devices. Below is a list of common compatible devices and models. Please verify your device's specific power requirements before use.

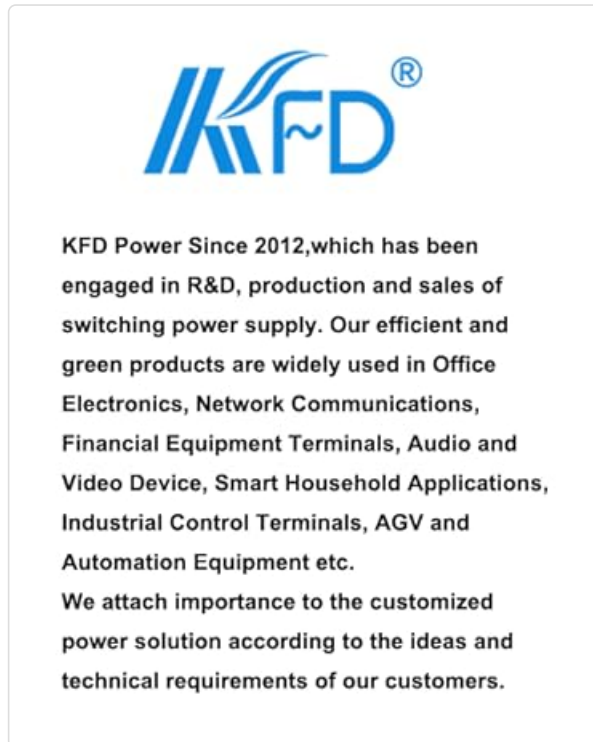


Image: The KFD adapter demonstrating compatibility with several Philips AVENT baby monitor models.

Compatible Device Categories:

- **Baby Monitors:** HelloBaby HB24, HB24TX, HB24RX, HB28, HB32, HB32TX, HB32RX; Philips AVENT DECT SCD501, SCD501/00, SCD505/00, SCD505/10, SCD501/10, SCD600/10, SCD603/10, SCD560/10; Summer Infant Slim & Secure Baby Touch Monitor 02000Z.
- **Cordless Phones:** Vtech AT&T Cordless Phone; ATLINKS 5-2495A; RCA 25403RE3, 25202RE3.
- **Ride-On Car Toys:** Dynacraft Hello Kitty, Spiderman, BMW Coupe Kids Electric Ride On Sports Car Quads; Disney Minnie Mouse, Roadster Racer 6-Volt Battery Ride-On 17327, 17347, 17527; McQueen Car KT1123, KT1192WM, 14740805, 8802-42, 8802-58; Avigo Audi R8 GT Spyder, BMW I8 Concept Ride On; Kid Trax SL06-07-10, SL06-07-09; Kid Trax Dodge Viper KT1264WM, KT1092WM, 101598, KT1163, KT1148, KT1194WM.
- **Cameras & Camcorders:** Logitech F540 Wireless Base A-E0001; Olympus D-340L, D-320L, C-3040, C-3030, D-460, D-450, SP-590UZ; Hitachi Digital 8 Hi8 Video Camcorder VM-E230A, VM-E230E, VM-H725LA, VM-H825, VM-ACE4A, VM-AC84A, VM-E57E, VM-H645LA, VM-H845LA, VM-H57, VM-H520, VM-H37, H38, H39; Panasonic Palmcorder Camcorder PV-L352, PV-L353, PV-L354, PV-L550, PV-L501, PV-L551, PV-L552, PV-L650, PV-L858, PV-DV103, PV-L678D; Vivitar ViviCam 8300, 8300S, 8600S, X30; Canon Powershot A610, A620, A630, A640, A10, A20, A40, A60, A70, A75, A650-IS, A80, A85, A90, SD1100.
- **Audio Equipment:** Blackstar Fly 3 Bass Amplifier Fly3 & Fly 103 Guitar Bluetooth Speaker; E-MU 0404 USB Recording Audio MIDI Interface; Sony Walkman D-CJ, D-EJ, D-CS Series Portable CD Player; Conair SU1W Sound Therapy Sound Machine; IQ TOYS Portable Sing Along CD/USB/SD player JL-331U-DC 1518.
- **Fitness Equipment:** Nordictrack Bike, AudioStrider 990 PRO, E5.5, E5.7, E7.1, E8.0, E9.0; FreeMotion 310R,

- 330R, 335R, 350R, 310, 330, 350 R SFEX138110, SFEX050113, SFEX050112, SFEX050111, SFEX050110, SFCCEX1, GZFM60041, SFCCEX138100-310 Recumbent Exercise Bike; Gold's Gym GL35, Power Spin 210U, 230R, 390R, 290U, 380, 480, 510, 595, 880, GGEX616122; Reebok 1000Zx, Rb310, Rt300; Horizon EG5, EX22, 625S, LS625E, EX55 Bike Elliptical; Proform 380CSX, 385CSX, 480CSX, 590E, 390E, 380F, 785F, 300CR, 280CSX, 400, 400ES, 405, XP 420, XP 130 Razor Elliptical; Proform Elliptical 600 ZNE, 895 ZLE, 850, 1050 STS, 650T, PFEL75807, ZE3, ZE5, 585, 780, 980, 990 CSE; Body Power Dual Trainer.
- **Medical Devices:** Omron Healthcare Upper Arm Blood Pressure Monitor 5, 7, 10 Series, M3, M2, M7, 705-IT, M6, M6C, M10-IT (HEM-7080IT-E); Welch Allyn Home Blood Pressure Monitor BP-1500, RPM-BP100, CBL350401, H-BP100SBP, BP-1700, RPM-BPACC-04, RPM-BPACC-03, LTRADP2, BP1000, BP200, UE08WCP-060100SPA; Panasonic EW3109, EW3122, EW3152, EW31225 Blood Pressure Monitor.
 - **Label Makers:** Epson LabelWorks LW-300, LW-400, LW300, LW400, LW-400VP (Qwerty).
 - **Radios:** Tecsun AD1100, PL 660, PL 450, PL 600 shortwave Radio; Eton NELITETRAVELLER, Elite Traveler, NELITEEXECUTIVE, Elite Executive; Grundig S350, S350DL, S350DL-R, S350DLR.
 - **Digital Photo Frames:** NIX Digital PhotoHD Video Motion Sensing Frame; Philips SPF3470, SPF3470T/G7, 10FF2CMI/27, 10FF2XLE/27, 10FFCMW.
 - **Scales:** Ohaus Scout SPX SPX6201, SPX1202, SPX2202, SPX222, SPX422, SPX621, SPX8200, STX Balance Scale STX6201, STX2201, STX123, STX421, STX622; Brecknell Salter Model HB-208D, HB208D, HB-2080 D, LPS 400, LPS400.
 - **Other Devices:** Maxim MA410611, MA350602; Celecra iTouchless Pressure; DZT13 Deodorizer; Ooma P/N: 160-0113-100; Canon AD-38 Printer; Kaito KA-888; Craftsman 73904 Cordless Rechargeable Worklight; Janome Derby Line Sewing Machine, Nex Singer Hai Hairal Pixie Plus FHSM-505, FHSM-505A, Mini Michley Lil Sew LSS-505; Ozeri Oster Wine Opener; Pacific Laser Level PLS HVR 500, HVR 505.

7. MAINTENANCE

To ensure the longevity and optimal performance of your KFD AC Adapter:

- **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 when not in use. Avoid wrapping the cable too tightly around the adapter.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires, cracks, or loose connections. Discontinue use if damage is found.

8. TROUBLESHOOTING

If you encounter issues with your adapter, try the following steps:

- **No Power to Device:**
 - Ensure the adapter is securely plugged into a working wall outlet.
 - Verify that the correct connector tip is firmly attached to the adapter cable and securely plugged into your device.
 - Check if the wall outlet is functional by plugging in another device.
 - Confirm your device requires 6V power and that the adapter's output matches.
- **Loose Connection:** If the connector tip feels loose or disconnects easily, ensure you have selected the correct tip size for your device's port. Some devices may have slightly different port dimensions.
- **Adapter Overheating:** If the adapter feels excessively hot, unplug it immediately. Ensure it has proper ventilation and is not covered. If overheating persists, discontinue use and contact support.

- **Device Not Charging:** If your device is not charging, ensure it is turned off or in a charging-compatible mode. Some devices may not charge if they are actively in use and drawing significant power.

If these steps do not resolve the issue, please refer to the support section.

9. SPECIFICATIONS

Model Number	LAC-732-US
Input Voltage	100-240V AC, 50-60Hz
Output Voltage	6.5V DC
Output Current	2A
Output Power	13W
Connector Tips Included	2.5mm*0.7mm, 3.5mm*1.35mm, 4.0mm*1.7mm, 4.8mm*1.7mm, 5.5mm*1.7mm, 5.5mm*2.5mm
Adapter Dimensions (approx.)	1.8 x 1.8 x 1.1 inches (45 x 45 x 27 mm)
Item Weight	4.8 ounces (0.14 kg)
Safety Protections	OCP, OTP, OVP, SCP

10. WARRANTY

KFD offers a **3-Year Warranty** for this product, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.



Image: A graphic indicating a 3-year warranty and highlighting various safety protections.

11. SUPPORT

For technical assistance, warranty claims, or any questions regarding your KFD 6V Universal AC Adapter, please contact KFD customer support. Refer to the product packaging or the official KFD website for the most current contact information.



Image: An illustration depicting a customer service agent, symbolizing available support.