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KIFIDAN BK362

KIFIDAN 4-Port USB Car Charger Instruction Manual

Model: BK362

Product Overview

The KIFIDAN 4-Port USB Car Charger (Model BK362) is a versatile car adapter designed for efficient charging of multiple devices simultaneously. It features a PD 2.4A USB-C port, a QC 3.0 port, and two USB-A ports, enabling super fast charging for a wide range of mobile phones, tablets, and other USB-powered devices. A built-in LED digital display provides real-time voltage monitoring of your car battery, ensuring safe operation. The charger incorporates smart chip protection against over-voltage, over-current, over-temperature, and short circuits, intelligently adjusting current output for optimal safety. Its robust design includes anti-slip shrapnel for stable connection even on uneven roads, and an integrated LED light for easy port visibility in low light conditions. Compatible with 12-24V vehicle power outlets, it is suitable for various car types including family cars, SUVs, and trucks.



Image: The KIFIDAN 4-Port USB Car Charger, showcasing its four charging ports (PD, QC3.0, and two 2.4A USB-A) and the central LED digital voltage display.

Key Features

- **QC3.0/PD Fast Charging:** Equipped with one PD 2.4A USB-C port (20W), one QC 3.0 port, and two 2.4A USB-A ports for rapid charging of up to four devices simultaneously. Achieves 90% charge in under 45 minutes for compatible devices.
- **Voltage Detection:** Features an LED digital display voltmeter to monitor and show the car battery voltage in real-time, helping to maintain the car's electrical system health and prevent potential breakdowns.
- **Smart Chip Protection:** Built-in upgraded smart master core chip provides protection against over-voltage, over-current, over-temperature, and short circuits. Intelligently identifies devices and adjusts current output for safe charging.
- **LED Light and Anti-Fall Design:** Integrated LED light illuminates the charging ports for easy visibility in the dark. Reinforced anti-slip shrapnel ensures a stable and secure connection, preventing power interruptions even on rough roads.
- **Wide Compatibility:** Supports 12-24V voltage input, making it compatible with various cell phones, tablets, car

recorders, and other USB devices. Suitable for a wide range of vehicles including family cars, business SUVs, and off-road sports cars.



Image: An illustration highlighting the key features of the KIFIDAN 66W Fast USB Car Charger, including four-port power supply, QC3.0 fast charging, PD fast charging, LED indicator, voltage monitoring, smart chip, stable connection, universal 12-24V compatibility, and security protection.

Specifications

Attribute	Detail
Brand	KIFIDAN
Model Number	BK362
Manufacturer	Shenzhen Baixas Technology Co., Ltd
Item Weight	0.952 ounces
Product Dimensions	2.37 x 1.5 x 0.7 inches
Input Voltage	12-24 Volts
Wattage	66 watts
Amperage	2.4 Amps (per USB-A port)
Connector Type	USB, USB Type C, USB Type A
Mounting Type	Cigarette Lighter
Included Components	LED Light



Image: Detailed product dimensions of the KIFIDAN 4-Port USB Car Charger, showing its compact size for easy integration into vehicle interiors.



Image: Technical specifications of the KIFIDAN Smart Car Charger, including input voltage (DC12V~24V), output for USB1 (DC5.0V/2.4A), USB2 (DC5.0V/2.4A), USB3 (QC3.0: 5V/3A, 9V/2A, 12V/1.5A), and PD Output (5V/3A, 9V/2.25A, 12V/1.67A).

Setup and Installation

1. **Locate Cigarette Lighter Socket:** Identify the 12V-24V cigarette lighter power socket in your vehicle. Ensure the socket is clean and free of debris.
2. **Insert Car Charger:** Firmly insert the KIFIDAN 4-Port USB Car Charger into the vehicle's cigarette lighter socket. Push until it is securely seated.
3. **Verify Power:** Once inserted, the LED digital display on the charger will illuminate, showing the real-time voltage of your car battery. This indicates the charger is receiving power.
4. **Connect Devices:** Plug your USB charging cables into the appropriate ports on the charger (PD USB-C, QC 3.0, or 2.4A USB-A) and connect them to your devices.



Image: The KIFIDAN car charger securely installed in a vehicle's cigarette lighter socket, demonstrating its stable and non-slip design and universal compatibility with various car models.

Operating Instructions

- **Charging Devices:** Connect your devices using their respective USB cables to any of the four available ports. The charger will automatically detect the device and deliver optimal charging current.
- **Fast Charging:** For devices supporting Power Delivery (PD) or Quick Charge (QC 3.0), use the designated PD USB-C or QC 3.0 port for accelerated charging speeds.
- **Voltage Monitoring:** The LED display continuously shows your car battery's voltage.
  - *Voltage is too low:* Indicated by a low reading (e.g., 11.6V).
  - *Voltage is normal:* Indicated by a typical reading (e.g., 12.5V).
  - *Voltage is too high:* Indicated by a high reading (e.g., 14.9V).

  Monitor this display to ensure your car's electrical system is functioning within safe parameters.

- **Simultaneous Charging:** The charger is designed to safely charge up to four devices concurrently. The smart chip manages power distribution to prevent overloads.



Image: The KIFIDAN 4-Port USB Car Charger illustrating its capability to fast charge four devices simultaneously, with intelligent power shunting for safety.



Image: A close-up of the KIFIDAN car charger's LED display showing real-time voltage monitoring, with indicators for low, normal, and high voltage levels.

Maintenance

- **Cleaning:** Regularly wipe the exterior of the charger with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners or abrasive materials.
- **Port Inspection:** Periodically check the USB ports for any foreign objects or damage. Ensure connections are clean and secure.
- **Storage:** When not in use for extended periods, store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Over-stressing Cables:** Do not pull on the charging cables excessively when disconnecting devices, as this can damage the ports or cables.

Troubleshooting

Problem	Possible Cause	Solution
Charger not powering on / No LED display	1. Loose connection in cigarette lighter socket. 2. Vehicle's cigarette lighter fuse blown. 3. Vehicle's ignition is off (some vehicles require ignition on for power).	1. Re-insert the charger firmly into the socket. 2. Check and replace the vehicle's cigarette lighter fuse if necessary (consult vehicle manual). 3. Turn on vehicle ignition or engine.
Device not charging or charging slowly	1. Faulty USB cable. 2. Device not compatible with fast charging (for PD/QC ports). 3. Multiple high-power devices connected simultaneously. 4. Device charging port issue.	1. Try a different USB cable. 2. Ensure your device supports PD or QC 3.0 for fast charging. 3. Disconnect some devices to test individual port performance. 4. Try charging a different device to isolate the issue.
Voltage display shows abnormal readings (too low/too high)	1. Car battery issue. 2. Vehicle's charging system (alternator) issue.	1. Consult a professional mechanic to check your car battery and charging system. 2. This feature is for monitoring; the charger itself does not fix car electrical issues.

Warranty and Support

KIFIDAN products are manufactured with high standards of quality and durability. For any issues or inquiries regarding your 4-Port USB Car Charger (Model BK362), please contact KIFIDAN customer support. While specific warranty details are not provided in this manual, please refer to the product packaging or the official KIFIDAN website for the most up-to-date warranty information and support contacts.
Manufacturer: Shenzhen Baixas Technology Co., Ltd

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