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Rombica CFC68A

Rombica 4.8A Dual USB Smart Power Car Charger User Manual

Model: CFC68A | Brand: Rombica

1. INTRODUCTION

Thank you for choosing the Rombica 4.8A Dual USB Smart Power Car Charger. This device is designed to provide efficient and safe charging for your compatible Apple devices and other USB-powered gadgets while on the go. Featuring advanced smart chip technology and MFi certified cables, it ensures optimal performance and protection.



Image: The Rombica car charger with its two included braided lightning cables, showcasing its compact design and dual USB ports with blue LED indicators.

Key Features:

- **Dual USB Smart Power:** Equipped with highly efficient components, providing a maximum of 2.4A/12W per port and 4.8A/24W total output when both ports are used.
- **MFi Certified Lightning Cables:** Includes two MFi-certified braided lightning cables with the latest C89 terminal, ensuring compatibility and safe charging for Apple devices.
- **Smart Chip Technology:** Built-in intelligent power management chip and dynamic temperature sensor automatically adjust current and monitor temperature for optimal charging and device protection.
- **Multiple Security Protections:** Certified by MFi, UL, ETL, FCC, CE, ROHS, offering protection against overvoltage, overcurrent, overheating, and short circuits.
- **Premium Materials:** Constructed from aluminum alloy and ABS fireproof materials for durability, heat dissipation, and an attractive design. Features a soft blue LED indicator for easy port location in the dark.

2. SETUP GUIDE

Setting up your Rombica car charger is straightforward. Follow these steps to begin charging your devices.

1. **Locate the Cigarette Lighter Socket:** Identify the 12V or 24V cigarette lighter (power outlet) in your vehicle.
2. **Insert the Car Charger:** Firmly insert the Rombica car charger into the cigarette lighter socket. Ensure it is fully seated. The soft blue LED indicator on the charger will illuminate, indicating it is powered on and ready for use.
3. **Connect Your Device:** Use one of the provided MFi certified Lightning braided cables (or your own compatible USB cable) to connect your device to either of the USB ports on the car charger.
4. **Begin Charging:** Your device should immediately begin charging. You can charge two devices simultaneously.



Image: The Rombica car charger seamlessly integrated into a vehicle's console, highlighting its flush fit and the soft blue LED light that aids in locating ports at night.

3. OPERATION

The Rombica car charger is designed for simple and efficient operation. Its intelligent features ensure optimal charging for your devices.

Charging Your Devices:

- **Single Device Charging:** When charging a single device, the charger will deliver up to 2.4A (12W) to that device, optimizing charging speed.
- **Dual Device Charging:** The charger can simultaneously charge two devices, providing up to 2.4A (12W) to each port, for a total output of 4.8A (24W). The intelligent power distribution ensures both devices receive efficient power.
- **Automatic Chip Recognition:** The built-in smart chip automatically detects the connected device and delivers the optimal charging current, protecting your device's battery.



Image: Two iPhones connected to the Rombica car charger, demonstrating its capability to charge multiple devices at high speed.

Safety Features:

The Rombica car charger incorporates multiple safety mechanisms to protect your devices and vehicle:

- **Overvoltage Protection:** Prevents damage from excessive voltage input.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Overheating Protection:** Dynamic Temperature Sensor actively monitors and regulates the charger's temperature.
- **Short Circuit Protection:** Automatically cuts power in case of a short circuit.
- **Battery Protector:** Prevents overcharging and extends battery lifespan.



Image: An infographic detailing the comprehensive multi-layer security protection features built into the Rombica car charger.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Rombica car charger.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts. Do not attempt to disassemble or modify the charger, as this will void the warranty and could lead to malfunction.
- **Cable Care:** Handle the lightning cables by the connector ends, not the cable itself, when plugging or unplugging. Avoid sharp bends or kinks in the cables to prevent internal wire damage.

5. TROUBLESHOOTING

If you encounter any issues with your Rombica car charger, please refer to the following common problems and their solutions:

| Problem | Possible Cause | Solution |
|--|--|---|
| Charger LED is off / No power | <p>Not properly inserted into the cigarette lighter socket.</p> <p>Vehicle's cigarette lighter socket is not receiving power (e.g., vehicle off, fuse blown).</p> | <p>Ensure the charger is firmly pushed into the socket.</p> <p>Check if the vehicle's ignition is on (if required for power).</p> <p>Test the cigarette lighter socket with another known working device. Consult your vehicle's manual for fuse location if suspected.</p> |
| Device not charging or charging slowly | <p>Cable is damaged or not MFi certified (for Apple devices).</p> <p>Device's charging port is dirty or damaged.</p> <p>High power consumption by the device during charging (e.g., heavy app usage, GPS).</p> | <p>Try a different, known working MFi certified cable.</p> <p>Clean the device's charging port carefully.</p> <p>Close background applications on your device to reduce power draw.</p> |
| Charger or device gets hot during charging | <p>Normal operation for fast charging.</p> <p>Poor ventilation around the charger.</p> <p>Overload or internal issue.</p> | <p>A slight warmth is normal. If it's excessively hot, disconnect immediately.</p> <p>Ensure the charger is not covered and has adequate airflow.</p> <p>If overheating persists, discontinue use and contact customer support.</p> |

6. TECHNICAL SPECIFICATIONS

| Specification | Detail |
|-------------------------|---|
| Model Number | CFC68A |
| Brand | Rombica |
| Input Voltage | 12 Volts |
| Amperage | 4.8 Amps (Total) |
| Output Power | 24W (Total) |
| Connectivity Technology | Lightning, USB, USB-A, MFi Certified Lightning to USB/USB-A Braided Cable |
| Connector Type | MFi Certified Lightning to USB Braided Cable, MFi Certified Lightning to USB-A Braided Cable |
| Compatible Devices | iPhone 14/14 Pro/14 Pro Max/14 Plus, iPhone 13/13 Mini/13 Pro/13 Pro Max, iPhone 12/12 Mini/12 Pro/12 Pro Max, iPhone SE 2020, iPhone 11/11 Pro/11 Pro Max, iPhone X/XR/XS/XS Max, iPhone 8/8 Plus, iPhone 7/7 Plus, iPhone 6s/6s Plus, iPhone 6/6 Plus, iPhone 5S/SE/5/5C, iPad Air, iPad Mini, iPad Pro, iPod, AirPods Pro, AirPods 3/2/1 |
| Color | Carbon Fiber Black |
| Item Weight | 2.46 ounces |
| Package Dimensions | 6.3 x 4.09 x 0.98 inches |
| Included Components | MFi Certified 4.8A USB Smart Power Cigarette Lighter Car Charger Fast Charging. |
| Certifications | MFi, UL, ETL, FCC, CE, ROHS |

7. WARRANTY AND SUPPORT

Rombica products are manufactured with high-quality standards and undergo rigorous testing. This product comes with a standard limited warranty against defects in materials and workmanship from the date of purchase.

For warranty claims, technical support, or any inquiries regarding your Rombica car charger, please contact our customer service team. Please have your purchase receipt and product model number (CFC68A) ready when contacting support.

Contact Information:

- **Website:** Visit the official Rombica website for support resources and contact details.
- **Email:** Refer to your product packaging or the Rombica website for customer support email.
- **Phone:** Refer to your product packaging or the Rombica website for customer support phone number.

Note: Warranty terms and conditions may vary by region. Please refer to the official Rombica website or your purchase documentation for specific details.