

ICOM BC160

Icom BC-160 Rapid Charger Instruction Manual

Model: **BC160** | Brand: **ICOM**

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Icom BC-160 Rapid Charger. Please read this manual thoroughly before using the charger to ensure proper operation and to prevent damage to the unit or connected devices.

Key Features:

- Rapid charging capability for compatible Icom batteries.
- Genuine Icom accessory, ensuring compatibility and performance.
- Designed for use with various Icom two-way radios.

2. SAFETY INFORMATION

Always observe the following safety precautions to avoid electric shock, fire, or personal injury:

- Use only the specified Icom AC adapter with this charger. Using an unauthorized adapter may cause damage or fire.
- Do not disassemble or modify the charger. Unauthorized modifications can lead to electric shock or fire.
- Keep the charger away from water and moisture. Do not operate with wet hands.
- Do not use the charger if the cable or plug is damaged.
- Ensure proper ventilation around the charger during operation.
- Do not charge batteries other than those specified by Icom for this charger.
- Unplug the charger from the power outlet when not in use or before cleaning.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Icom BC-160 Rapid Charger Base

- AC Adapter (Power Supply)



Image: The Icom BC-160 Rapid Charger includes the charging base and its accompanying AC power adapter, both in black.

4. SETUP

1. **Connect the AC Adapter:** Insert the DC plug from the AC adapter into the DC input jack located on the back of the BC-160 charger base.
2. **Plug into Power Outlet:** Plug the AC adapter into a standard wall power outlet.
3. **Placement:** Place the charger on a stable, flat surface, ensuring adequate ventilation.

5. OPERATING INSTRUCTIONS

To charge a compatible Icom battery pack:

1. **Insert Battery/Radio:** Carefully slide the battery pack (or the radio with the battery pack attached) into the charging slot of the BC-160 charger base. Ensure the contacts on the battery align with the contacts in the charger.
2. **Charging Indicator:** The charging indicator LED on the charger base will illuminate, typically red, to indicate that charging is in progress.
3. **Charging Completion:** Once the battery is fully charged, the indicator LED will change color (e.g., green) or turn off, depending on the specific battery and charger model. Refer to your radio's battery manual for exact indicator behavior.
4. **Remove Battery/Radio:** Once charging is complete, remove the battery pack or radio from the charger.

Note: Charging times may vary depending on the battery capacity and its current charge level.

6. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.

- **Contact Points:** Periodically check the charging contacts on both the charger and the battery for dirt or corrosion. Clean gently with a dry cotton swab if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger indicator light does not illuminate.	No power to the charger.	Check if the AC adapter is securely plugged into the wall outlet and the charger base.
	Battery not properly seated.	Remove and re-insert the battery/radio, ensuring proper contact.
	Battery or charger malfunction.	Try charging a different, known-good battery. If the issue persists, contact Icom support.
Battery does not charge fully or takes too long.	Battery is old or damaged.	Replace the battery if it's old or shows signs of damage.
	Charger contacts are dirty.	Clean the charging contacts on both the battery and charger.
	Environmental temperature is too high or low.	Ensure the charger is used within recommended temperature ranges (typically 0°C to 40°C / 32°F to 104°F).

8. SPECIFICATIONS

Model Number	BC160
Brand	ICOM
Input Voltage	240 Volts (AC Adapter dependent)
Item Weight	12 ounces (approximately 0.75 lbs)
Package Dimensions	5.2 x 4.6 x 4.1 inches
Color	Black
Manufacturer	ICOM

Note: Specifications are subject to change without notice for product improvement.


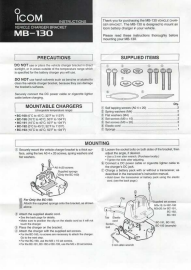
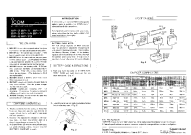

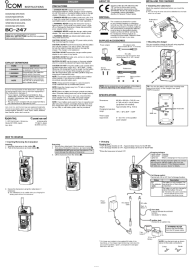

9. WARRANTY AND SUPPORT

Specific warranty details for the Icom BC-160 Rapid Charger are not provided within this manual. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Icom website.

You can typically find support information on the manufacturer's website:

- [Icom America Official Website](#)

Related Documents - BC160

	<p>Icom BC-72 Desktop Charger Instruction Manual - Features, Operation, Specifications</p> <p>Comprehensive instruction manual for the Icom BC-72 Desktop Charger. Details product features, important safety guidelines, panel descriptions, charging operations, and technical specifications for various Icom battery packs and transceivers.</p>
	<p>Icom MB-130 Vehicle Charger Bracket Installation Instructions</p> <p>Detailed instructions for installing the Icom MB-130 Vehicle Charger Bracket, including precautions, parts list, and mounting steps for various Icom chargers and transceivers.</p>
	<p>Icom Battery Packs and Case Instructions for BP-2, BP-3, BP-4, BP-5, BP-5A, BP-7, BP-8, BP-70</p> <p>Comprehensive instructions for Icom's NiCd rechargeable battery packs and cases, covering precautions, charging operations, battery pack notes, battery case assembly, and specifications. Includes details on various battery models and compatible chargers.</p>
	<p>Icom IC-M87 ATEX Intrinsic Safety VHF Marine Transceiver</p> <p>Detailed specifications and features of the Icom IC-M87 ATEX, an intrinsically safe VHF marine transceiver designed for hazardous environments. Includes ATEX certification, IPX7 waterproofing, long battery life, and PMR capabilities.</p>
	<p>Icom BC-247 Docking Station: Instructions and Specifications</p> <p>Comprehensive guide for the Icom BC-247 docking station, covering safety precautions, installation, charging procedures, supplied accessories, and technical specifications. Includes multilingual safety information.</p>
	<p>ICOM IC-V88 and IC-U88 VHF/UHF Transceiver User Manual</p> <p>Comprehensive instructions for the ICOM IC-V88 VHF and IC-U88 UHF transceivers, covering safety precautions, panel descriptions, function display, and battery charging.</p>