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› IFREQTECH CD-47 Rapid Charger User Manual

## IFREQTECH CD-47

# IFREQTECH CD-47 Rapid Charger User Manual

Model: CD-47

## INTRODUCTION

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Thank you for choosing the IFREQTECH CD-47 Rapid Charger. This charger is designed for efficient and safe charging of compatible Yaesu/Vertex and Standard Horizon radio batteries. It features microprocessor-controlled charging, durable construction, and an LED indicator for charging status.



## Key Features:

- Microprocessor-controlled charge and override protection.
- Heavy-duty durable design constructed from ABS/PC plastic.
- LED indicator for displaying charging status.
- Over-current, over-voltage, and short circuit protection.

## PACKAGE CONTENTS

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- 1 x CD-47 Desktop Charger
- 1 x PA-55B AC Power Adapter

## SETUP

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1. Connect the AC power adapter (PA-55B) to the DC input jack on the back of the CD-47 Desktop Charger.



Figure 2: Connecting the AC power adapter to the charger.

2. Plug the AC power adapter into a standard wall outlet (AC 100-240V).



Figure 3: Charger and power adapter ready for use.

3. The charger's LED indicator will illuminate, typically green, indicating it is ready for charging.

## OPERATING INSTRUCTIONS

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1. Ensure the charger is properly connected to a power source as described in the "Setup" section.
2. Insert the compatible battery pack (or radio with battery attached) into the charging slot of the CD-47 Desktop Charger. Ensure the battery contacts align with the charger's pins.



Figure 4: Top view of the charger cradle.



Figure 5: Front view of the charger cradle.



## Batteries not included

Figure 6: Proper battery insertion into the charger (batteries not included).

3. The LED indicator on the charger will change color to indicate charging status. Refer to the "LED Indicator Status" section for details.
4. Once charging is complete, the LED indicator will change again. Remove the battery or radio from the charger.

### LED Indicator Status:

- **Green (Solid):** Charger is powered on and ready, or charging is complete.
- **Red (Solid):** Battery is currently charging.
- **Flashing Red/Green:** Indicates an error or improper battery insertion. Re-insert the battery or refer to the "Troubleshooting" section.

## COMPATIBILITY

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### Compatible Yaesu/Vertex Battery Models:

- FNB-V83
- FNB-83
- FNB-83H
- FNB-V94
- FNB-V106
- *Note: Not compatible with FNB-V57 or FNB-64 batteries.*

## Compatible Radio Models:

- **Standard Horizon:** HX270, HX270S, HX370S, HX500S, HX600S Portable Radio
- **Yaesu/Vertex:**
  - FT-60, FT-60E, FT-60R
  - FT-250E, FT-250R
  - FT-270E, FT-270R, FT-277R
  - VX-110, VX-120, VX-127, VX-150, VX-160, VX-168, VX-170, VX-177, VX-180, VX-188
  - VX-210, VX-210A, VX-218, VX-228, VX-230, VX-231
  - VX-400, VX-410, VX-414, VX-417, VX-420, VX-424, VX-427
  - VX-800, VX-800V, VX-800U
  - XA-150
- **Yaesu/Vertex Aviation Radio Models:**
  - XA-120 Pro II
  - VXA-150 Pro V
  - VXA-200 Aviator Pilot II
  - VXA-210 Aviator Pilot, VXA-210 Lite
  - VXA-220 Pro VI
  - VXA-300 Pilot III, VXA-300 Lite

## MAINTENANCE

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- Keep the charger clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Do not use harsh chemicals or abrasive cleaners.
- Store the charger in a cool, dry place when not in use.
- Ensure the charging pins are free from obstruction and corrosion.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Charger LED not lit.	No power to the charger.	Check if the AC adapter is securely plugged into the wall outlet and the charger. Try a different outlet.
LED is flashing Red/Green.	Battery not properly seated or incompatible battery.	Remove and re-insert the battery, ensuring proper alignment. Verify the battery model is compatible with the charger.
Battery not charging (LED remains green with battery inserted).	Battery fully charged, battery fault, or charger fault.	If the battery is not fully charged, try another compatible battery. If the issue persists, the charger or battery may be faulty.

## SPECIFICATIONS

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Specification	Value
Model	CD-47
Input Voltage	AC 100-240V
Output Voltage	7.2 Volts
Item Weight	7.5 ounces (0.21 Kilograms)
Package Dimensions	4.25 x 4.09 x 2.44 inches
Color	Black
Manufacturer	IFREQTECH

## SAFETY INFORMATION

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- Do not disassemble or modify the charger.
- Do not expose the charger to water or excessive humidity.
- Avoid extreme temperatures.
- Keep out of reach of children.
- Use only the provided AC power adapter.
- Unplug the charger from the power outlet when not in use for extended periods.

## CUSTOMER SUPPORT

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For any questions, technical assistance, or support regarding your IFREQTECH CD-47 Rapid Charger, please contact your retailer or visit the official IFREQTECH store on Amazon:

**Visit the IFREQTECH Store**