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› IFREQTECH CD-15A Charger Instruction Manual for YAESU VX-5, VX-5R, VX-6R, VX-7R, VXA-700 and Standard Horizon HX460S, HX471S Radios

## IFREQTECH CD-15A

# IFREQTECH CD-15A Charger Instruction Manual

For YAESU VX-5, VX-5R, VX-6R, VX-7R, VXA-700 and Standard Horizon HX460S, HX471S Radios

## 1. INTRODUCTION

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This instruction manual provides essential information for the safe and effective use of your IFREQTECH CD-15A desktop rapid rate charger. This charger is designed for specific Lithium-Ion batteries used in compatible YAESU and Standard Horizon two-way radios. Please read this manual thoroughly before operation and retain it for future reference.

## 2. SAFETY INFORMATION

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Observe the following safety precautions to prevent fire, injury, or damage to the charger or battery:

- Use only the provided AC adapter with the charger.
- Do not attempt to charge batteries other than those specified as compatible.
- Do not disassemble, modify, or repair the charger or adapter.
- Avoid exposing the charger to water, moisture, or extreme temperatures.
- Do not operate the charger if it appears damaged.
- Keep the charger out of reach of children.
- Ensure proper ventilation around the charger during use.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 x CD-15A Charger Cradle
- 1 x AC Power Adapter



This image displays the IFREQTECH CD-15A charging cradle along with its accompanying AC power adapter. The charger is designed for desktop use, providing a stable platform for charging compatible radio batteries.

#### 4. SPECIFICATIONS

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Feature	Specification
Model Number	CD-15A
Type	Desktop Rapid Rate Charger
Dimensions (Charger)	Approx. 10 x 10 x 5 cm (3.94 x 3.94 x 1.97 inches)
Material	ABS
Input (AC Adapter)	AC 100-240V, 50-60Hz, 500mA
Output (Charger)	DC 8.4V, 450mA
Compatible Battery Type	Lithium-Ion (Li-ion)
Color	Black
Item Weight	6.7 ounces (approx. 190g)
Manufacturer	IFREQTECH
Item Model Number	gfhsezyuj-433



A detailed view of the AC power adapter's label, showing input specifications (AC 100-240V, 50-60Hz, 500mA) and output specifications (DC 8.4V, 450mA). This label confirms the power requirements and output of the charger.

## 5. COMPATIBLE MODELS

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The CD-15A charger is compatible with the following radio models and battery types:

### Compatible Battery Models:

- FNB-58
- FNB-58Li
- FNB-80
- FNB-80Li

### Compatible Radio Models:

- **Yaesu / Vertex:** VX-5, VX-5R, VX-5RS, VX-6R/E, VX-7R, VX-7RB, VXA-700, VXA-710
- **Standard Horizon:** HX460, HX460S, HX460SB, HX460SS, HX471, HX471S, HX471SB, HX471SS

## 6. SETUP

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Follow these steps to set up your CD-15A charger:

1. Place the charger cradle on a stable, flat surface away from direct sunlight and heat sources.
2. Connect the small plug of the AC power adapter into the DC input jack located on the back of the charger cradle.
3. Plug the AC power adapter into a standard wall outlet (AC 100-240V).
4. The charger is now ready for use.



The IFREQTECH CD-15A charging cradle is depicted with its power cable connected to the AC adapter, illustrating how the unit receives power. The adapter is ready to be plugged into a standard wall outlet.

## 7. OPERATING INSTRUCTIONS

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To charge a compatible battery or radio:

1. Ensure the charger is properly set up and connected to power as described in Section 6.
2. Carefully insert the compatible battery pack into the charging slot of the cradle. You may also insert the radio with the battery attached, ensuring it seats correctly.
3. Observe the charging indicator light on the front of the cradle:
  - **Orange/Red Light:** Indicates that the battery is currently charging.
  - **Green Light:** Indicates that the battery is fully charged.
  - **No Light (when battery inserted):** May indicate an issue with battery contact or incompatibility.
- Once the indicator light turns green, the battery is fully charged and ready for use. Remove the battery or radio from the charger.



A compatible lithium-ion battery is shown correctly inserted into the IFREQTECH CD-15A charging cradle. The battery fits securely into the designated slot, ready for the charging process.



This close-up shows the indicator labels on the IFREQTECH CD-15A charger base: 'ORANGE: CHARGE' and 'GREEN: FULL'. These labels guide the user on the charging status of the battery.

## 8. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your charger:

- **Cleaning:** Disconnect the charger from power before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or solvents. Ensure charging contacts are free of dust and debris.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power cord and charger for any signs of damage. If damage is found, discontinue use immediately.



This image provides a dual view of the IFREQTECH CD-15A charger. The top view highlights the charging contacts and indicator labels, while the side view shows the power input port and model markings.

## 9. TROUBLESHOOTING

If you encounter issues with your CD-15A charger, refer to the following table:

Problem	Possible Cause	Solution
Charger indicator light does not illuminate or battery does not charge.	<ul style="list-style-type: none"> <li>• Charger not connected to power.</li> <li>• Battery not properly seated.</li> <li>• Incompatible battery.</li> <li>• Dirty charging contacts.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure AC adapter is securely plugged into both the charger and the wall outlet.</li> <li>• Remove and re-insert the battery, ensuring it clicks into place.</li> <li>• Verify the battery model is listed in Section 5.</li> <li>• Clean the charging contacts on both the charger and battery with a dry cloth.</li> </ul>
Charger light flashes green for a few seconds then goes black when battery is inserted.	<ul style="list-style-type: none"> <li>• Battery not recognized or incompatible.</li> <li>• Battery fault.</li> </ul>	<ul style="list-style-type: none"> <li>• Confirm the battery is a compatible model (see Section 5). Some original manufacturer batteries may behave differently with aftermarket chargers.</li> <li>• Try charging a different, known-good compatible battery to isolate the issue.</li> </ul>
Charger light remains orange/red indefinitely.	<ul style="list-style-type: none"> <li>• Battery not reaching full charge.</li> <li>• Battery fault.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure the battery is fully seated. Charging times vary based on battery capacity and discharge level.</li> <li>• If the issue persists after an extended period (e.g., 8-12 hours), the battery may be faulty and require replacement.</li> </ul>

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.