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› Yaesu FT-60R DualBand Handheld 5W VHF/UHF Amateur Radio Transceiver - Dual Band Instruction Manual

YAESU FT-60R

Yaesu FT-60R DualBand Handheld 5W VHF/UHF Amateur Radio Transceiver Instruction Manual

Model: FT-60R

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Yaesu FT-60R DualBand Handheld Amateur Radio Transceiver. The FT-60R is a robust and versatile radio designed for amateur radio enthusiasts, offering dual-band VHF/UHF capabilities and a wide range of features for reliable communication.

Please read this manual thoroughly before operating the transceiver to ensure proper use and to maximize its performance and longevity.

PRODUCT OVERVIEW

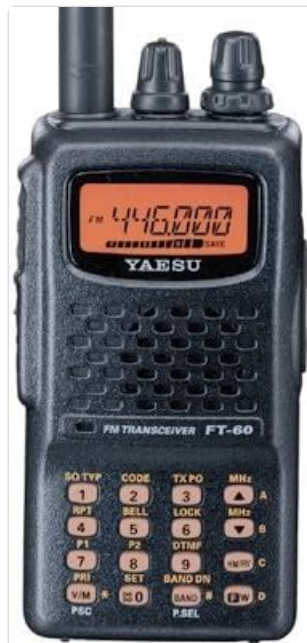


Image: Front view of the Yaesu FT-60R DualBand Handheld Amateur Radio Transceiver, showing the display, speaker grille, and keypad. The display shows "FM 446.000".

The Yaesu FT-60R is a compact and durable handheld transceiver. Key features include:

- Dual Band VHF/UHF (2 Meter & 70cm) Amateur Radio operation.
- 5 Watt Output power.
- CTCSS/DCS (PL & DPL) and DTMF capabilities.
- Alphanumeric Display and Lighted Keypad for ease of use in various conditions.
- Extensive receiving range: 108-520MHz and 700-999.99MHz (excluding cellular frequencies).
- Transmitting range: 144-148MHz & 430-450MHz.
- One Thousand memory channels for storing frequencies and settings.
- NOAA Weather Alert feature.
- Multiple scan modes.

SETUP AND INITIAL OPERATION

Package Contents

Before beginning, ensure all items are present in your package:

- Yaesu FT-60R Transceiver
- 1400mA Battery Pack
- Battery Charger
- Antenna
- Belt Clip

Battery Installation and Charging

1. Align the battery pack with the battery compartment on the rear of the transceiver.
2. Slide the battery pack into place until it clicks securely.
3. Connect the battery charger to a power outlet and then to the charging port on the transceiver or charging cradle.
4. Allow the battery to fully charge before first use. A full charge typically takes approximately 2.5 hours.
5. **Note:** The charging indicator light may not always illuminate green when fully charged. Refer to the radio's display for charge status if available.

Antenna Attachment

Screw the supplied antenna clockwise onto the antenna connector on the top of the transceiver until it is finger-tight. Do not overtighten.

Optional Accessories

The FT-60R is compatible with various optional accessories to enhance its functionality:

- MH-37A4B (Speaker Microphone)
- MH-34B4B (Speaker Microphone)
- E-DC-5B (DC Cable with Noise Filter)
- EDC-6 (DC Cable)
- CT-44 (Microphone Adapter)
- FBA-25A (AA Battery Case)

OPERATING INSTRUCTIONS

Power On/Off

To power on the transceiver, rotate the **VOL/PWR** knob clockwise. To power off, rotate it counter-clockwise until it clicks.

Volume Adjustment

Adjust the audio output level by rotating the **VOL/PWR** knob.

Frequency Selection

Use the main dial or the keypad to enter desired frequencies. The FT-60R supports both VFO (Variable Frequency Oscillator) mode for direct frequency entry and Memory mode for recalling stored channels.

- **VFO Mode:** Press the **V/M** key to switch to VFO mode. Enter the frequency directly using the numeric keypad.
- **Memory Mode:** Press the **V/M** key to switch to Memory mode. Use the main dial or the **UP/DOWN** arrow keys to scroll through stored memory channels.

Transmitting

To transmit, press and hold the **PTT (Push-To-Talk)** button located on the side of the transceiver. Speak clearly into the microphone. Release the PTT button to receive.

The FT-60R offers selectable transmit power levels (Low, Mid, High) up to 5 Watts. Adjust the transmit power using the **TX PO** function on the keypad (key 3).

Keypad Functions Overview

| Key | Primary Function | Secondary Function (Press F/W then Key) |
|----------|-------------------|---|
| 1 | Numeric 1 | SO TYP (Squelch Type) |
| 2 | Numeric 2 | CODE (DTMF Code) |
| 3 | Numeric 3 | TX PO (Transmit Power) |
| 4 | Numeric 4 | RPT (Repeater Shift) |
| 5 | Numeric 5 | BELL (Bell Function) |
| 6 | Numeric 6 | LOCK (Keypad Lock) |
| 7 | Numeric 7 | P1 (Programmable Key 1) |
| 8 | Numeric 8 | SET (Menu Access) |
| 9 | Numeric 9 | BAND ON (Band Selection) |
| * (V/M) | VFO/Memory Switch | PSC (Priority Channel Scan) |
| 0 | Numeric 0 | P.SEL (Programmable Select) |
| # (BAND) | Band Switch | DW (Dual Watch) |

For detailed instructions on each function, refer to the full user manual or the official Yaesu website.

Scanning

The FT-60R supports various scanning modes, including memory scan, band scan, and priority channel scan. Consult the full manual for specific programming steps for each scan type.

NOAA Weather Alert

The transceiver can receive NOAA Weather Alerts. This feature provides timely warnings for severe weather conditions. Refer to the full manual for activation and setup procedures.

MAINTENANCE

Cleaning

Wipe the transceiver with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water and a mild detergent, then wipe dry. Do not use strong chemicals or abrasive cleaners.

Battery Care

- Avoid overcharging or completely discharging the battery frequently.
- Store the battery in a cool, dry place when not in use for extended periods.
- If the battery performance degrades significantly, it may need replacement.

Storage

When storing the transceiver for a long period, remove the battery pack. Store the unit in a dry, dust-free environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|--|---|
| Transceiver does not power on. | Battery is depleted or not properly installed. | Charge the battery or ensure it is securely installed. |
| No audio or very low audio. | Volume too low, squelch set too high, or external speaker/mic issue. | Increase volume, adjust squelch, check external accessories. |
| Cannot transmit. | Incorrect frequency, low battery, or PTT button issue. | Verify frequency is within transmit range, charge battery, ensure PTT is fully pressed. |
| Charging indicator light does not turn green. | This is a known characteristic for some units; the light may not change color. | Rely on the radio's display for charge status or charge for the recommended duration (approx. 2.5 hours). |

SPECIFICATIONS

| Feature | Detail |
|----------------------------|---|
| Brand | YAESU |
| Model Number | FT-60R |
| Frequency Range (Transmit) | 144-148 MHz (VHF), 430-450 MHz (UHF) |
| Frequency Range (Receive) | 108-520 MHz, 700-999.99 MHz (less cellular) |
| Output Power | 5 Watts (selectable) |
| Number of Channels | 1000 |
| Special Features | Weather Alert, CTCSS/DCS, DTMF, Scan Modes |
| Battery | 1400mA Product Specific Battery |
| Item Weight | 1.92 pounds |
| Package Dimensions | 8.66 x 6.34 x 3.07 inches |
| Color | Black |

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Yaesu website. Warranty terms and conditions may vary by region and retailer.

Legal Disclaimer: This product is intended for use by individuals who are at least 18 years of age or older.