Radio Layout



Specs

Receivers Single receiver, dual watch (first to break squelch wins)
Receives 108–520 MHz AM/FM, 700–999 MHz AM/FM
Transmits 144–148 MHz @ 5 W FM, 430–450 MHZ @ 5 W FM
Antenna connector SMA F on radio; needs SMA M antenna
Modes FM
Memory Channels 1000
Power 6–16 V DC, EIAJ–02 barrel style, 4mm OD, 1.7mm ID plug, center positive
Model year 2004

Standard Tasks

Program frequency in the field

- 1. If you aren't already in VFO mode, press V/M. The screen will show channel numbers in the upper left if you aren't in VFO mode.
- 2. Set frequency: use the keypad (144390 for 144.390 MHz).
- 3. Enter menu mode: press F/W 0 (SET).
- 4. Set transmit tone type: use the knob to select 48:SQL.TYP. Press F/W to adjust, and use the knob to select from TONE (transmit tone, no tone squelch), TSQL (transmit tone and receive tone), REV TN (squelch when tone received), DCS (DCS) or OFF. Press F/W when done.
- 5. Set transmit tone: use the knob to select 50:TN FRQ. Press F/W to adjust tone frequency. Use the knob to adjust, and press F/W when done. Use menu 13:DCS.COD instead for DCS.
- 6. Set repeater shift: use the knob to select 38:RPT.MOD. Press F/W to adjust, and use the knob to select from RPT. +, RPT.OFF (simplex) or RPT. -. Press F/W when done.
- 7. Exit menu mode: hold **F/W** for at least half a second.
- 8. Set transmit power: press F/W 3 (TX PO). Use the knob to select power level: HIGH 5 W, MID 2 W, or LOW 0.5 W. Press and release F/W to set.
- 9. Write to a memory: hold **F/W** for at least half a second.
- 10. Use the knob to select the desired memory.
- 11. Press and release F/W to write.
- 12. Go to memory mode: press V/M. The display will show MEMORY briefly and then show a channel number in the upper left.
- 13. Select the memory you just wrote: use the knob.

Lock/unlock radio

Press F/W 6 (LOCK) to lock/unlock.

Check repeater input frequency

Press and release HM/RV to switch between reverse and regular modes.

Change power in the field

To set transmit power, press **F/W 3** (TX PO). Use the knob to select power level: HIGH 5 W, MID 2 W, or LOW 0.5 W. Press and release **F/W** to set.

Adjust volume

Rotate the center power/volume knob to adjust volume.

Adjust squelch

Rotate the outer ring of the selection knob to adjust RF squelch.

Weird Modes

If someone says you have WIRES mode turned on

You are transmitting a DTMF tone that interrupts your first few syllables. You will see \boxtimes in the upper right of screen. Press and release the \bigcirc (SET) key once. The \boxtimes should go away.

Radio shows OUTRNG

This means you have ARTS mode enabled. Press and hold 4 (CODE) for two seconds to disable.

Can't enter VFO mode

This radio has a "memory-only" mode which prevents you from entering frequencies directly. To disable it (or re-enable it), hold MONI and turn the radio on. Use the knob to select F5:M-ONLY. Press F/W. The radio will reboot.

Can't enter VHF or UHF frequencies

This radio can be locked to UHF only or VHF only. To disable (or re-enable) this mode, hold MONI and turn the radio on. Use the knob to select F6:V-ONLY or F7:U-ONLY. The radio will reboot.

Yaesu FT-60 291

DTMF doesn't send tone on transmit

By default, the radio starts up in DTMF Memory mode. Pressing a number key while you hold PTT will send the number stored in that memory. Usually these memories are empty so nothing will be sent, although * and # always transmit.

To have the radio play the appropriate touchtone instead, press **F/W 9** (DTMF). The radio will show CODE. At that point, pushing a number while **PTT** is held will send the touch tone. Press **F/W 9** again to switch back to memory mode (MEM), if desired.

Useful Information

There are two programmable function keys, 7 (P1) and 8 (P2). By default, 7 (P1) is assigned to 29: PAGER and 8 (P2) is assigned to 46: SKIP. These can be changed: enter memory mode with F/W 0 (SET) and then select a menu using the knob. Next, hold 7 (P1) or 8 (P2) for one second to assign the menu item to that button. Hold F/W to exit the menu.

Factory reset

To reset everything, hold **MONI** and turn the radio on. Use the knob to select F4:ALLRST (reset everything). Press **F/W** to reset.

Memory reset

To reset all memories, hold **MONI** and turn the radio on. Use the knob to select F2:MEMRST (reset memories). Press **F/W** to reset.

Memory bank reset

To reset memory bank assignments but not memories, hold MONI and turn the radio on. Use the knob to select F3:MB RST (reset memory banks). Press F/W to reset.

Settings reset

To reset most settings but leave memories intact, hold MONI and turn the radio on. Use the knob to select F1:SETRST (reset settings). Press F/W to reset.