CPU Reset Procedures

This is a list of CPU resets for most ICOM radios. CPU reset returns the radio to out-of-box condition: all memory channels are erased, all items in the set mode returned to default values, and all VFOs cleared. CPU reset procedure usually involves turning the radio off, pushing and holding specific buttons, and then turning the radio back on while still holding down the button combination. Some newer radios have a "partial reset" available, as well as a full CPU reset. Partial reset will clear the VFOs and return the set mode items to default, but it will not erase the memory channels.

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Amateur:

HANDHELD:

- **IC-Delta1**: Hold [FUNCTION] & [A] & [CLR] buttons and turn the radio on.
- **IC-2GAT**: Turn the radio on, hold [LIGHT] & [FUNCTION], turn the radio off, then turn back on. Release the buttons after the display returns to normal.
- **IC-02AT**: Serial numbers below 34000: push the button on the main circuit board next to the lithium battery. Serial numbers above 34000: hold [FUNC] button and turn the radio on.
- **IC-2iA**: Hold [LIGHT] & [MONITOR] buttons and turn the radio on.
- **IC-2SA**: Hold [LIGHT] & [MONITOR] buttons and turn the radio on.
- **IC-P2AT**: Hold [FUNCTION] & [A] buttons and turn the radio on.
- **IC-µ2AT**: Hold [LIGHT] button and turn the radio on.
- **IC-03AT**: Serial numbers below 34000: push the button on the main circuit board next to the lithium battery. Serial numbers above 34000: hold [FUNC] button and turn the radio on.
- **IC-3SA**: Hold [LIGHT] & [MONITOR] buttons and turn the radio on.
- **IC-3SAT**: Hold [FUNCTION] & [A] buttons and turn the radio on.
- **IC-4iA**: Hold [LIGHT] & [MONITOR] buttons and turn the radio on.
- **IC-4GAT**: Turn the radio on, hold [LIGHT] & [FUNCTION], turn the radio off, then turn back on. Release the buttons after the display returns to normal.
- **IC-04AT**: Serial numbers below 34000: push the button on the main circuit board next to the lithium battery. Serial numbers above 34000: hold [FUNC] button and turn the radio on.
- **IC-4SA** - Hold [LIGHT] & [MONITOR] buttons and turn the radio on.
- **IC-4SAT** - Hold [FUNCTION] & [A] buttons and turn the radio on.
- **IC-P4AT** - Hold [FUNCTION] & [A] buttons and turn the radio on.
- **IC-µ4AT** - Hold [LIGHT] button and turn the radio on.
- **IC-12AT** - Hold [FUNC] button and turn the radio on.
- **IC-12GAT** - Turn the radio on, hold [LIGHT] & [FUNCTION] buttons, turn the radio off, then turn back on. Release the buttons after the display returns to normal.
- **IC-T2A** - Hold [A] & [C] buttons and turn the radio on.
- **IC-T2H** - Hold [AV] & [CT] buttons and turn the radio on.
- **IC-W21A** - Hold [HI/LO] button and turn the radio on.

**MOBILES:**

- **IC-27A/H** - Push the reset button under the top access cover.
- **IC-28A/H** - Push the reset button in the aft left corner under the bottom cover.
- **IC-37A** - Push the reset button under the top access cover.
- **IC-38A** - Push the reset button in the aft left corner under the bottom cover.
- **IC-47A** - Push the reset button under the top access cover.
- **IC-48A** - Push the reset button in the aft left corner under the bottom cover.
- **IC-Delta100** - Full reset: hold [SET] & [SPCH] buttons and turn the radio on. Partial reset: hold [SPCH] button and turn the radio on.
Partial reset: hold [V/MHz] button and turn the radio on.

- **IC-900** - Hold [MR] button, turn the power off and then on again.
- **IC-901A** - Hold [CHECK] & [MW] buttons and turn the radio on.
- **IC-1200A** - Hold down the tuning control and turn the power on.
- **IC-2400A** - Hold [SPCH] button and turn the radio on.
- **IC-2500A** - Hold [SUB VOL] & [MW] buttons and turn the radio on.
- **IC-2710H** - Hold both [S.MW] buttons and turn the radio on.
- **IC-2800H** - Full reset: hold 3rd buttons from the top on both sides of the LCD display and turn the radio on. Partial reset: hold 2nd buttons from the top on both sides of the LCD display and turn the radio on.
- **IC-3200A** - Hold [F] button and turn the radio on.

**V H F / U H F B A S E:**

- **IC-271A/H** - Reprogram the RAM card.
- **IC-275A/H** - Hold [M-CL] button and turn the radio on.
- **IC-375A** - Hold [M-CL] button and turn the radio on.
- **IC-471A/H** - Reprogram the RAM card.
- **IC-475A/H** - Hold [M-CL] button and turn the radio on.
- **IC-575H** - Hold [M-CL] button and turn the radio on.
- **IC-820H** - Hold [MW] button and turn the radio on.
- **IC-821H** - Hold [MW] button and turn the radio on.
- **IC-970A/H** - Hold [MW] button and turn the radio on.
- **IC-1271** - Reprogram the RAM card.
- **IC-1275A** - Hold [M-CL] button and turn the radio on.

**H F B A S E:**

- **IC-77** - Clone with a computer.
- **IC-725** - Hold [FUNCTION] & [MW] buttons and turn the radio on.
- **IC-726** - Hold [FUNCTION] & [MW] buttons and turn the radio on.
- **IC-728** - Hold [FUNCTION] & [MW] buttons and turn the radio on.
- **IC-735** - No CPU reset available.
- **IC-737** - Hold [CLR] & [ENT] buttons and turn the radio on.
- **IC-737A** - Hold [CLR] & [ENT] buttons and turn the radio on.
- **IC-738** - Hold [CLR] & [ENT] buttons and turn the radio on.
- **IC-751** - No CPU reset available.
- **IC-751A** - No CPU reset available.
- **IC-761** - Hold [M-CLEAR] button and turn the radio on.
- **IC-765** - Hold [M-WRITE] button and turn the radio on.
- **IC-775** - Hold [CLEAR] button and turn the radio on.
- **IC-775DSP** - Hold [CLEAR] button and turn the radio on.
- **IC-781** - Hold [M-CLEAR] button and turn the radio on.

**Repeaters:**

- **IC-RP1220** - Turn the power off for a few minutes. Push S1 on the logic circuit board.
- **IC-RP1520** - Turn the power off for a few minutes. Push S1 on the logic circuit board.
- **IC-RP4020** - Turn the power off for a few minutes. Push S1 on the logic circuit board.

**Receivers:**

**Handhelds:**

- **IC-R1** - Hold [F] and [CL] buttons and turn the radio on.
- **IC-R10** - Full reset: hold [CLR] button and turn the receiver on. Rotate the main dial to select YES, then push [ENT] button. Partial reset: hold [MODE] button and turn the radio on.
BASE/MOBILE:

- **IC-R71A** - Reprogram the RAM card.
- **IC-R72** - Hold [MW] button and turn the radio on.
- **IC-R75** - Hold [UP] & [DN] buttons and turn the receiver on.
- **IC-R100** - Hold [FUNC] & [ENT] buttons and turn the radio on.
- **IC-R7100** - Hold [MW] button and turn the power on.
- **IC-R8500** - Hold [MW] button and turn the receiver on.
- **IC-R9000** - Hold [M-WRITE] button and turn the radio on.

MARINE:

HANDHELD:

- **IC-M1** - Push and hold [ALL CLEAR] button
- **IC-M1V** - Clone with a computer.
- **IC-M5** - Push the button on the main circuit board next to the lithium battery.
- **IC-M7** - Turn the radio on, hold [HI-LOW] & [LOCK] buttons, turn the power off and on again. Push [CH16/D] button to select dial mode.
- **IC-M8** - Hold [LIGHT] button and turn the radio on.
- **IC-M9** - Hold [HI/LO] & [DW/SCAN] buttons and turn the radio on. Wait until CH 16 displays on the LCD.
- **IC-M10** - Clone with a computer.
- **IC-M11** - Turn the radio on, hold [LIGHT] & [FUNCTION] buttons, turn the radio off, then turn back on. Release the buttons after the display returns to normal.
- **IC-GM1500** - Clone with a computer.

MOBILES:

- **IC-M45** - Clone with a computer.
- **IC-M45A** - Clone with a computer.
- **IC-M55/B** - Remove the plastic screw from the bottom cover and push the reset button underneath the screw.
- **IC-M56** - Turn the radio on, hold [CH16] & [MR] buttons, turn off, then turn the radio on again and release the buttons.
- **IC-M57** - Hold [CH16] & [HI/LO] buttons and turn the radio on. Hold the buttons for approximately 3 seconds after the radio comes back on.
- **IC-M58** - Clone with a computer.
- **IC-M59** - Clone with a computer.
- **IC-M80** - Disconnect the lithium battery, ground all CPU pins to chassis.
- **IC-M100** - Turn the radio on, hold the squelch knob and press [RESET]
- **IC-M120** - Turn the radio on, hold [CH16] & [USA], turn the radio off and then back on.
- **IC-M125** - Hold [FUNC] & [CH16] buttons and turn the radio off and back on.
- **IC-M126** - Hold [FUNC] & [CH16] buttons and turn the radio off and back on.
- **IC-M127** - Clone with a computer.

**NAVIGATION:**

- **FF-88** - No reset available.
- **FP-561** - Hold [MENU] button, turn the unit on, choose "all reset" and turn the unit off.
- **MR-40** - No reset available.
- **MR-61** - No reset available.
- **MR-610** - No reset available.

**SSB RADIOS:**

- **IC-M600** - Hold [FUNCTION] & [CE] and turn the radio on.
- **IC-M700** - CPU reset not available.
- **IC-M700PRO** - Clone with a computer.
- **IC-M710** - Clone with a computer.
- **IC-M710RT** - Clone with a computer.
- **IC-M800** - Remove DC power from both the control head and the main unit. Wait approximately 5 minutes.
- **IC-M810** - Remove DC power from both the control head and the main unit. Wait approximately 5 minutes.

**Avionics:**

**HANDHELDs:**

- **IC-A2** - Push [F] & [PTT] buttons and turn the radio on.
- **IC-A4** - No keypad reset, clone with a computer.

**GROUND/MOBILE:**

- **IC-A110** - Clone with a computer.
- **IC-A200B/M** - No CPU reset.

**PANEL MOUNT:**

- **IC-A200** - No CPU reset.

**Land mobile:**

**PORTABLES:**

- **IC-F3** - Reclone
- **IC-F3G** - Reclone
- **IC-F3S** - Reclone
- **IC-F4** - Reclone
- **IC-F4G** - Reclone
- **IC-F4S** - Reclone
- **IC-F4TR** - Reclone
- **IC-F10** - Reclone
- **IC-F20** - Reclone
- **IC-F30** - Reclone
- **IC-F30LT** - Reclone
- **IC-F40** - Reclone
- **IC-F40LT** - Reclone
- **IC-H8** - Reclone or hold [PTT] & [CLONE] buttons and turn the radio on.
- **IC-H10** - Reclone or hold [PTT] & [CLONE] buttons and turn the radio on.
- **IC-H16** - Reclone
- **IC-H18** - Reclone
- **IC-H19** - Reclone
- **IC-U8** - Hold [PTT] & [CLONE] buttons and turn the radio on.
- **IC-U10** - Hold [PTT] & [CLONE] buttons and turn the radio on.
- **IC-U16** - Reclone
- **IC-U18** - Reclone
- **IC-U19** - Reclone

**MOBILES:**

- **IC-F320** - Reclone
- **IC-F320S** - Reclone
- **IC-F420** - Reclone
- **IC-F420S** - Reclone
- **IC-F1020** - Reclone
- **IC-F2020** - Reclone
- **IC-U200** - Reclone
- **IC-U220** - Reclone
- **IC-U400** - Reclone
- **IC-V100** - Reclone
- **IC-V200** - Reclone
- **IC-V220** - Reclone

**REPEATERS:**

- **IC-RP1620** - Turn the power off, wait a few minutes and turn the power back on.
- **IC-RP4520** - Turn the power off, wait a few minutes and turn the power back on.
- **IC-UR8050** - Turn the power off, wait a few minutes and turn the power back on.