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ICOM

RADIO PRODUCTS - HANDHELD

IC-80AD VHF/UHF Dual Band Transceiver

The Handheld Companion to the ID-880H Mobile

Switchable VHF/UHF dual bander

The IC-80AD provides VHF/UHF dual band capabilities (one band at a time) via a simple band switching system.

Wideband receiver

The IC-80AD has a wideband receiver as a standard feature and covers 0.495-999.99MHz. *Listen to aviation, marine, weather channels and other utility communications*.

*Receiver range depending on versions. See specifications page.

CS-80/880 free download cloning software

The CS-80/880 free download cloning software is available from the Icom web site. Used with this software, various settings can be made from a PC and the memory channels and other settings can be shared between IC-80AD and its matching mobile unit, the ID-880H.

1052 memory channels

The IC-80AD has a total of 1052 memory channels (including 1000 regular channels, 50 scan edges and 2 call channels) with 26 memory banks. All memory channels and the program scan can be named with 8-character channel comments. Also each memory bank can be named with up to 6-character bank name comment.

Multiple scan function

The IC-80AD supports various scan types for maximum reception and ease of use

Full scan

Selected band scan

Programmed scan

Memory scan

Memory mode scan
All bank scan
Selected bank scan
Bank link scan (DMS)
Program scan link
Skip scan
Priority scan
Tone scan
Access repeater scan

Built-in CTCSS/DTCS encoder and decoder
Built-in CTCSS and DTCS tones are used for accessing a closed repeater or tone squelch operation. The pocket beep alerts you with a beep sound when the transceiver receives a preset tone. 1750Hz tone is also available.

Optional GPS speaker-microphone, HM-189GPS
When used with the new GPS speaker-microphone, HM-189GPS, the IC-80AD shows your position data on the display and offers a position reporting function in DV mode. The IC-80AD shows the direction to a memory position or to a received D-STAR station.

5 Watts (typical) output
The IC-80AD provides 5W (typical) output power both in VHF/UHF bands. The supplied BP-217 provides up to 6 hours* of operating time. When you don't need full power operation, you can reduce output power to 2.5/0.5/0.1W (typ.) for saving battery consumption
*Tx high: Rx: Stand-by duty ratio= 1 min.: 1min.: 8 min. Power save on.

External DC power jack
An external DC power jack allows for operation with an external DC power supply (10-16VA DC). When used with the DC power cable simultaneously operation during charging is possible.

Keypad navigation
The 4-direction cursor buttons on the keypad give you quick and intuitive access to many settings.

Additional features
Monitor function to listen to a weak signal
14 Variable tuning steps
Auto repeater function automatically turns on/off duplex operation and tone encoder
Weather channel receive with weather alert
16 DTMF memory channels (24 digits)
Key lock function
4 steps RF power selection (5W, 2.5W, 0.5W, 0.1W)
Drip-resistant construction, equivalent to IPX4
Auto power save, power off and power on
10dB (approx.) built-in attenuator