



ICOM

RADIO PRODUCTS - AMATEUR
D-STAR 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. Please download from <http://www.icom.co.jp/world/support/download/firm/>.

**Either OPC-1529R, OPC-478 or OPC-478UC optional cable is required.*

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