



# ICOM

RADIO PRODUCTS - RECEIVERS  
**Mobile**

## IC-R2500 Communications Receiver

Dualwatch, Digital Mode, Diversity Black Box Receiver



### Dualwatch capability

The IC-R2500 has dualwatch receive capability\*1, allowing you to receive two bands simultaneously. It covers 0.01–3299.999

MHz in AM, FM, WFM, SSB, CW, DV\*2 and P25\*3 modes on the main receiver, while the sub-receiver covers 50–1300MHz in AM, FM and WFM modes\*4.

\*1 Two antennas are required for dualwatch receive.

\*2 Optional UT-118 required.

\*3 Optional UT-122 required. Already installed with some versions.

\*4 Frequency range differs depending on version.

### Diversity receive capability

The diversity receive\* mode is useful for mobile operation where the received signal changes continuously. It compares the signal strength and chooses the antenna with the better signal to maintain good sound and receive quality.

\* Two antennas are required. Available in FM/DV/P25 mode between 50– 1300MHz only. Diversity reception is not available while using dualwatch.

### **Wide LCD display for independent band control**

The wide LCD display shows both main/sub receiver settings in an easy-to-read symmetric side-by-side layout. The controller provides separate tuning, volume, squelch knobs and function buttons for the left (Main) and right (Sub) receivers. The LCD backlit color is selectable between amber and green for your preference.

### **Digital mode reception**

The optional UT-118 D-STAR digital unit and UT-122\* P25 digital unit provide the latest digital mode reception. Catch the action in digital communications!

*\* Already installed with some versions.*

### **1000 alphanumeric memory channels**

With Icom's Dynamic Memory Scan, DMS, you have a versatile memory channel management system at your command. The 1000 memory channels can be arranged by service or personal preference in the 21 memory banks. Selectively link the channels together to scan depending on your needs. Programming the memory channels and 6 character memory names is simple with your PC.

### **Other features**

Weather alert function

U.S.A. and Canada versions only

Optional DSP capability with UT-106

VSC (Voice Squelch Control) ignores unmodulated signals or heterodynes

IF filter selection for changing IF filter width

Noise blanker eliminates pulse type noise

SSB, CW, AM mode only

AFC function automatically follows an FM signal when the signal's frequency drifts

BW: 6kHz or 15kHz

IF shift function

SSB, CW mode only

30 min – 2 hour auto power off timer

Fast/slow AGC setting

Short/long squelch delay

CTCSS/DTCS tones and duplex mode operation for monitoring a repeater

RF attenuator attenuates 20dB (approx.)

below 1300MHz

All IC-PCR2500 functions are available when connected to a PC

Cloning function allows you to read/write memory contents from your PC.

Sharing data with IC-PCR2500 is also possible.

U.S.A. Customers check out <http://www.perconcorp.com/icom/> for frequency lists in your neighborhood.

Based on FCC license.