



# ICOM

RADIO PRODUCTS - RECEIVERS  
**Handheld**

## IC-R6 Communications Receiver

The 100 Ch/Sec Wideband Signal "Search Machine"



Since the early 1980's Icom envisioned the integration of radios and computers. It was introduced in the the CI-V system, Icom's 5th communication interface product. The control commands support legacy equipment; meaning that while a radio sold today may have more features to control, the basic features set is compatible with a radio released 20 years ago.

To learn how to build your R6 interface, the current documentation is listed in the instruction manual while legacy gear can be found in the Knowledge Base document CI-V Reference.

### **100 kHz – 1309.995 MHz\* wideband coverage**

While the IC-R6 receives an ultra wideband frequency range, the radio provides superior sensitivity and receiver characteristics that is insusceptible to interference. Amateur stations, AM, FM, short wave broadcasts, TV audio\* and a variety of utility communications can be caught and listened to.

Frequency range depends on version. Analog TV audio only. Cannot decode digital TV audio.

### **100 channels per second high speed scan**

The IC-R6 has 100 channels per second high speed scan capability\*. This superior scanning power allows the utmost efficiency when search over 1300 MHz of spectrum!

VFO mode scanning.

### **15 hours of continuous receive capability\***

The IC-R6 is energy-efficient, designed to provide many hours of listening enjoyment on a single charge. With the supplied rechargeable Ni-MH cells (1400mAh × 2), the IC-R6 provides up to 15 hours of continuous receive capability\*.

At 50 mW output using external speaker.

### **1300 memory channels with 22 memory banks**

With 1300 alphanumeric memory channels, 50 scan edges and 200 auto write memories, the IC-R6 gives you flexible scanning. Use the bank link scan feature to choose from and connect any of the 22 memory banks.

**VSC (Voice Squelch Control)**

The VSC opens the squelch only when a modulated signal is detected and ignores unmodulated beat noise. It is a handy feature for those listeners who are scanning for talk, news and music, but not data bursts or beacons.

### **Multiple power choices**

The IC-R6 can be powered by rechargeable Ni-MH cells, or with alkaline batteries. Run the IC-R6 using the AC adapter, BC-196S, or opt for a cigarette lighter cable, CP-18. When used the optional drop-in charger stand BC-194 with the AC adapter or cigarette lighter cable, you can easily start charging the Ni-MH cells, while eliminating the need to connect the power source to the DC power jack of the receiver.

### **Other Features**

Built-in audio low pass filter  
±1.0ppm high frequency stability (at 25°C)  
Earphone cord antenna for AM broadcast  
Ferrite bar antenna for AM broadcast  
150mW loud audio with internal speaker  
DTCS and CTCSS tone squelch and reverse tone squelch  
Priority watch function with priority beep function  
Optional CT-17, CI-V level converter for remote control  
PC programmable with optional CS-R6  
Receiver-to-receiver cloning (optional OPC-474 required)  
Auto power OFF (0.5-2 hours and end of busy signal)  
Compact, dip-resistant construction  
Duplex operation monitoring  
Automatic LCD backlight  
Dial speed acceleration  
Built-in RF attenuator  
Auto memory write scan stores the detected frequency, mode and tone into a specified memory  
Reversible up/down buttons and dial knob for volume, frequency, memory channel, scan direction and set mode settings  
Optional new tube earphone, SP-27  
Weather channel receive with weather alert (USA version only)