



# ICOM

RADIO PRODUCTS - RECEIVERS  
**Handheld**

## IC-R20 Communications Receiver

Scan, Monitor, Record — The Pro's Scanner  
2 for 1, Dualwatch receiver



Until the IC-R20, the capability of monitoring two frequencies required two radios. Whether you need to monitor local public safety, air traffic control, or at the track listening to two drivers, even the play by play from both the local TV and radio station is possible!

See specifications for actual frequency ranges for Dual-watch receive.

### Shortwave to microwave, Wideband coverage

The IC-R20 covers 150kHz to 3304.999MHz\* in SSB, CW, AM, FM and WFM modes. This covers AM/FM radio and TV broadcasts, wireless communications for boaters, aviation, conventional public safety and many other commercial services.

*\* Depending on version, U.S.A. version is cellular blocked.*

### 4-hour digital recorder

The IC-R20 has an internal 32MB digital recorder capable of storing received communications. This feature is useful in a variety of ways, like recording a wireless microphone audio at a meeting. There is also a USB port to download to a computer for storage or to forward to a friend.

PC playback not possible

### CTCSS, DTCS tone signaling

When multiple users share the same channel, these users use specialized signaling to reduce interference from other users.

The two popular signaling formats, CTCSS and DTCS are standard in the IC-R20. Tone scan is also possible.

### Alphanumeric memory channels

With 1,000 regular memory channels, 200 automatic memory scan channels and 25 pairs of frequency scan edges, the IC-R20 makes it easy to identify received signals with the capability of programming a name to each channel.

### 11 hours of continuous receive\*

Icom's energy efficient design allows the IC-R20 11\* hours of continuous reception from the internal Li-Ion battery pack.

Also, the IC-R20 can operate with 3 AA Alkaline cells, or longer operation as well as charging the internal battery pack is possible from either an optional cigarette lighter cable or the supplied AC adapter.

*\* Single receive in FM mode, at Max. AF audio.*

### **See your signals**

Sometimes hearing a signal is not enough, so the IC-R20 includes a band scope. The bandscope enables you to see signals around a monitored frequency. An additional function of the bandscope is the ability to hear the signal while sweeping a range, so you can see if the signal is modulated.

### **Scan features**

The IC-R20 is Icom's fastest receiver with 100\* channels per second scanning speed. You can tag memory channels into dynamic banks, ranging from Max. 100 channels per bank (Max. 26 banks) as well as link multiple banks for customized memory bank scanning. Additionally, the IC-R20 offers multiple scanning controls such as scan delay, scan resume for received signal notification.

*\* In VFO mode.*

### **Other Features**

VSC (Voice Squelch Control) opens the squelch only when a modulated signal is detected.

Offset monitor capability for semi-duplex channel monitoring

Auto squelch and squelch monitor capability

Built-in attenuator and RF gain control

Noise blanker, ANL (Auto Noise Limiter), AF filter

AFC (Auto Frequency Control) function

CI-V PC remote control capability with optional CT-17

Built-in ferrite bar antenna for AM broadcast

FM earphone cord antenna capability

Dial speed-up function

Auto power off and power save functions

Key lock function

Rotary selector and up/down buttons are reversible

Weather channel and weather alert\*

**\* U.S.A. version only**

Preprogrammed with TV and popular shortwave channels