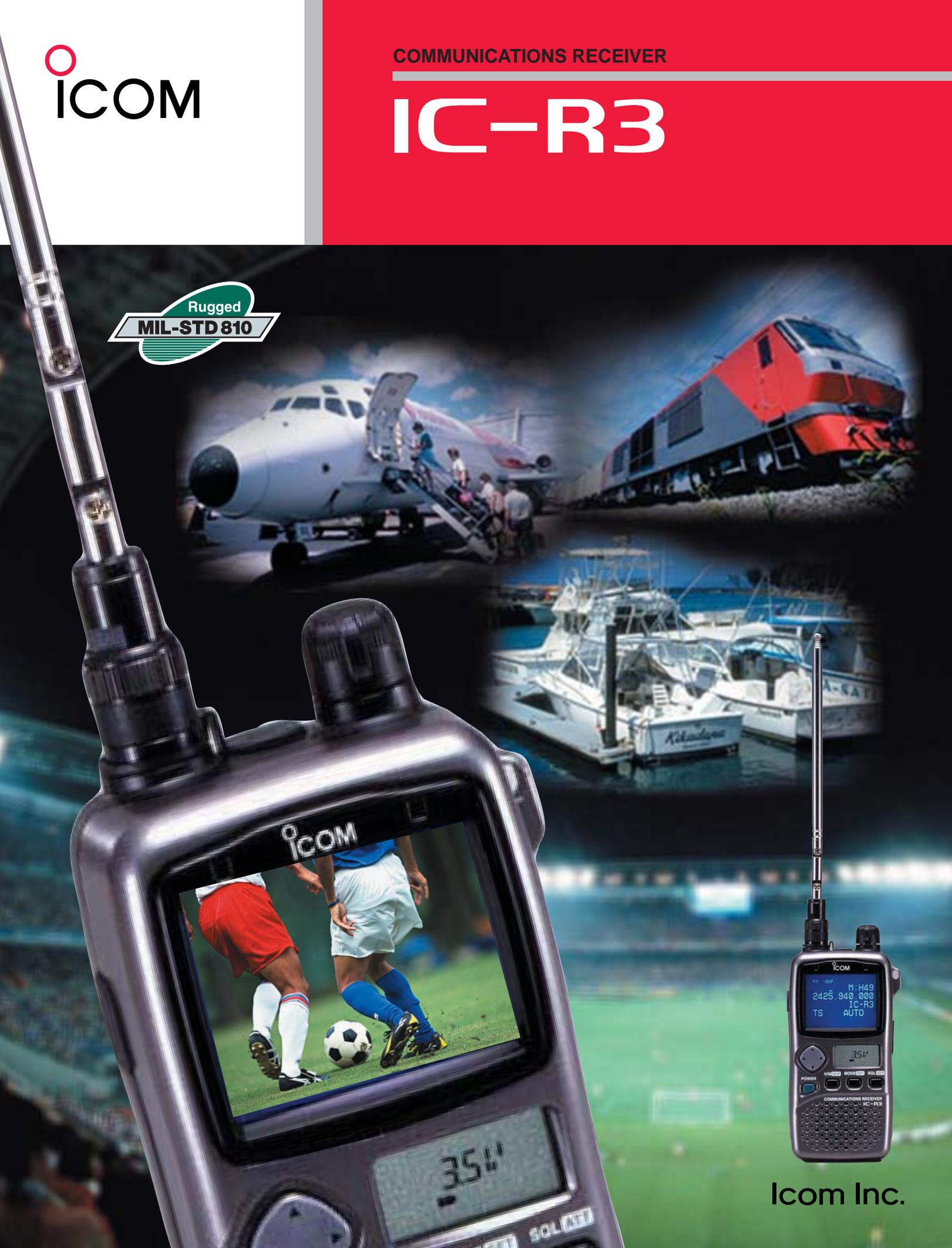



ICOM

COMMUNICATIONS RECEIVER

IC-R3

Rugged
MIL-STD 810



Icom Inc.

2-inch TFT color LCD built-in! See your information on screen!

Basic performance

Impressive operating status display

Never before has a hand held receiver given you as much information as the IC-R3. Receiving frequency, tuning step, memory channel number, and more are visible on the 2-inch* TFT color display at a glance. In addition, the back ground color is selectable from 8 available colors.



*measured diagonally

TV picture receive capability

Not only can you see your operation status, you can display broadcast visual information. NTSC M, PAL B/G or other television systems are supported*1, depending on version. You can watch TV program at anytime, anywhere. An FM-TV picture*2 from wireless camera*2 can also be displayed. Great for sporting events, security, or amateur TV without unpleasant wiring. Also, the IC-R3 offers an A/V output so you can transfer images to a TV monitor or a recording device.

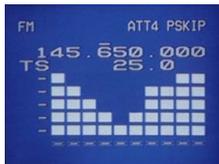


*1some versions do not support any of these systems

*2supplied from third party

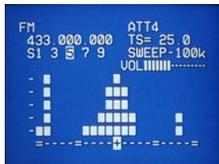
Signal strength level indicator

In addition to the current style of signal strength meters, a signal strength level indicator is adopted. Measures signal strength levels every 0.3 sec. and shows for up to 3 sec., the signal conditions within the period. In addition, when a directional antenna is used, this function helps in searching for signal origin, such as fox-hunting, etc.



Simple bandscope

Want to analyze signal activity within a band? Spectral activity can be seen on the TFT color display. The simple band scope becomes a useful tool for finding new or interfering signals. With the 5 selectable bandwidths, adjustable to 500 kHz wide will give a quick snapshot of activity.



Super wide frequency coverage — 0.495–2450 MHz!

Covers from 0.495 to 2450.095 MHz of super wide frequency range*1 with AM, FM, wide-FM and TV picture*2 receive capability as standard.

*1some frequency ranges are inhibited with some versions

*2depending on picture modulation system and version

Long hours monitoring capability

A Lithium Ion battery, BP-206, comes as standard*, for more than 2 times longer operation than other types of batteries, during full feature operation. And the adopted external DC IN terminal allows you to operate with supplied AC adapter, BC-153A/D* (or 3.6–6.3 V DC power source), or 12 V DC power source via the optional cigarette lighter cable, CP-18A/E, all day long. In addition, the installed BP-206 can be charged simultaneously, while 5.5–6.3 V DC (more than 1 A) is supplied.

*not supplied for some versions

— Back ground color variations —



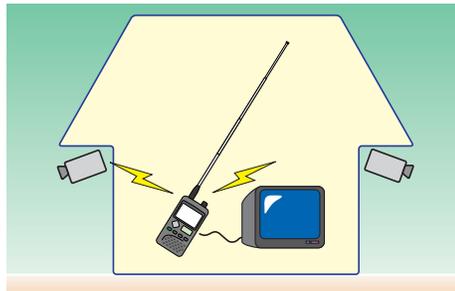
Wireless monitor usage example

• Hobby use example



Install a wireless camera just about anywhere—like looking down from an airplane, balloon, etc. Watch aib pictures as they hap-

pen.



• Security use example

Use the IC-R3 to monitor areas where security is an issue, indoors or out.

• Example of other usage



Use the IC-R3 as a visual baby monitor. Keep an eye on sleeping children while you're in another room or out in the garden.



Excellent memories

450 channels* of ample memory are available and stores operating frequency and mode, as well as tuning step, etc. Up to 6-character memory names can be assigned for each memory channel and shows on the color LCD, allowing quick and easy channel selection. The memory channels are divided into 9 banks, 8 banks of 50 (for individual frequencies) and 1 bank of 50 (for frequency ranges) for simple memory management.

*includes 50 program scan edges

Multi function 'joy-stick' switch

A 4-way action 'joy stick' switch gives you quick and easy access to many settings, including operating band, AF volume, color LCD settings, and more.



Automatic squelch

The IC-R3 keeps most RF background noise in check by automatically adjusting the squelch. It's very handy when receiving a weak signal—no more continually adjusting the squelch control by hand to block white noise. Also, the squelch level is manually selectable from open, and level 1 to 9.

Extra performance

Tone squelch features

A tone squelch system is built-in to provide quiet stand-by. The tone squelch includes the following functions

Pocket beep function:

Lets you know when a specified station's signal is received with an alerting beep.

Tone scan function:

Searching which tone is used for the receiving signal, such as for a repeater, private communications, etc.

Built-in attenuator

A built-in 4-step RF attenuator protects a signal from extremely strong interference from near-by signals, etc.

Other features

- One-touch, semi-duplex frequency monitoring capability
- Auto power OFF timer, power save function
- Use the monochrome LCD to operate the radio when the color LCD is turned off. The monochrome LCD offers battery voltage and other operating conditions
- Backlit monochrome LCD with auto OFF timer
- Remaining battery power indication
- Telescoping antenna is supplied, and more...



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