

IC-F14
(VHF transceiver, rotary type)

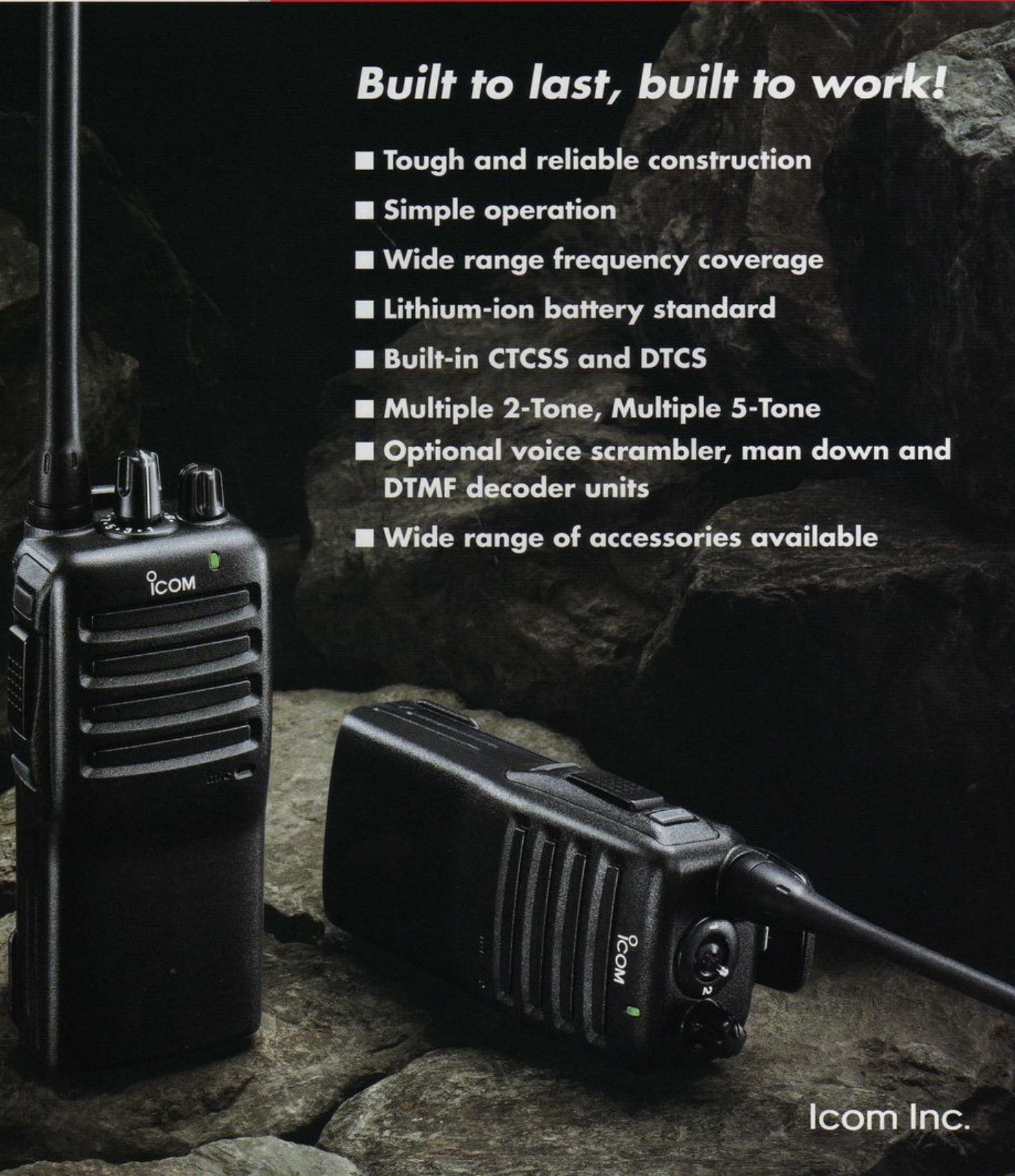
IC-F14S
(VHF transceiver, toggle type)

IC-F24
(UHF transceiver, rotary type)

IC-F24S
(UHF transceiver, toggle type)

Built to last, built to work!

- **Tough and reliable construction**
- **Simple operation**
- **Wide range frequency coverage**
- **Lithium-ion battery standard**
- **Built-in CTCSS and DTCS**
- **Multiple 2-Tone, Multiple 5-Tone**
- **Optional voice scrambler, man down and DTMF decoder units**
- **Wide range of accessories available**



SPECIFICATIONS

GENERAL

- Frequency range :
 IC-F14/IC-F14S 136–174MHz (U.S.A. and General)
 IC-F24/IC-F24S 400–470MHz (U.S.A. and General)
 450–512MHz (U.S.A.)
 450–520MHz (General)
- Number of channels : 16 (IC-F14, IC-F24)
 4 (Max., IC-F14S, IC-F24S)
- Channel spacing : 12.5kHz/25kHz
- PLL channel step : 2.5kHz, 3.125kHz (VHF)
 5kHz, 6.25kHz (UHF)
- Power supply requirement : 7.2V DC
- Current drain (at 7.2V DC; approx.):
 Transmit High 1.5A
 Low (1W) 0.7A
 Receive stand-by 70mA
 rated output 300mA
- Antenna impedance : 50Ω
- Usable temperature range : -30°C to +60°C; -22°F to +140°F
- Dimensions (with BP-231) : 53 (W) × 120 (H) × 38 (D) mm;
 (projections are not included) 2³/₃₂ (W) × 4²³/₃₂ (H) × 1¹/₂ (D) in
- Weight (approx. with BP-231): 260g; 9.2oz

TRANSMITTER

- Output power : 5W (VHF), 4W (UHF)
- Max. frequency deviation : ±5kHz (Wide)
 ±2.5kHz (Narrow)
- Frequency error : ±2.5ppm
- Spurious emissions : 80dB typ.
- Adjacent channel power : 80dB typ. (Wide)
 70dB typ. (Narrow)
- FM Hum and Noise : 46dB typ. (Wide)
 40dB typ. (Narrow)
- Audio harmonic distortion : 3% typ. (AF 1kHz, 40% deviation)
- Modulation limiting : 60–100% of max. deviation
- External microphone connector :
 3-conductor 2.5 (d) mm (1/10")/2.2kΩ

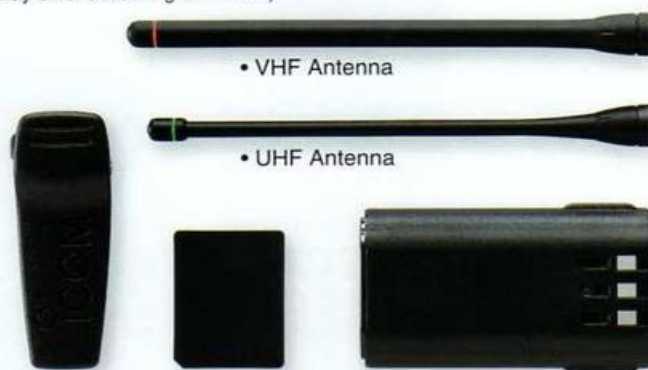
Measurements made in accordance with EIA/TIA-603. All stated specifications are subject to change without notice or obligation.

RECEIVER

- Sensitivity : 0.25µV typ. (at 12dB SINAD)
- Squelch sensitivity : 0.25µV typ. (at threshold)
- Adjacent channel selectivity : 75dB typ. (Wide)
 65dB typ. (Narrow)
- Spurious response : 70dB
- Intermodulation : 74dB typ.
- Hum and noise ratio : 50dB typ. (Wide)
 45dB typ. (Narrow)
- Audio output power : 500mW typ.
 (at 5% distortion with an 8Ω load)
- External speaker connector: 2-conductor 3.5 (d) mm (1/8")/8Ω

SUPPLIED ACCESSORIES

(May differ according to version)



• Belt clip, MB-94 • Option sheet • Battery pack, BP-231

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