# FIRS I GUM

Professional FM TRANSCEIVER

FC-98R

10W Output Power

**IP67** Waterproof

## **Noise Reduction**



Firstcom "FC-98R" provides 10W high power output with large capacity battery.

This radio will offer full of features such as

- □ CTCSS / DCS encryption
- priority scanning
- □ scrambling codes
- Dot-Matrix LCD Color Display
- □ 2600mAh Battery Capacity and more.



# FC-98R

## **Main Functions**

- Dual band, Dual display, Dual standby
- FM Radio receiver
- Busy channel lockout
- VOX
- TOT
- · Scan Priority scan
- Scrambler
- · CTCSS / DCS
- DTMF / 1750Hz Tone
- PTT ID
- Offset and Shift Down
- Compander
- Reverse Burst







Al Noise Reduction/ Cancellation menu

**Battery Charging** with Type C cable

## Specifications

Model Name	FC-98R
General	
Frequency Range	136-174 / 400-470 108-136 (Rx) 65-108 (Rx)
Memory Channels	225
Channel Spacing	12.5/25kHz
Frequency Stability	$\pm 2.5$ ppm
Antenna Impedance	50Ω
Battery Capacity	2600mAh
Battery Voltage	7.4V DC ±10%
Dimensions (excl. protrusions)	56 x 118 x 40mm
Weight with battery (Approx.)	292g
Water Dust Proof	IP67

#### Receiver

Sensitivity (12dB SINAD) -120dBm Adiacent Channel Selectivity 65dB 65dB Intermodulation Spurious Rejection 70dB/65dB Audio Output <5% Distortion 1W

## Al Noise Reduction / Cancellation

Al technology is embedded in the main circuit. It stores many human voice patterns and filters out surrounding noises. This is totally different from conventional passive / active noise

cancellation technologies. This Al Noise Cancellation function enhances radio performance in noisy environments such as factories, construction sites, entertainment venues and more.



### Transmitter

**Output Power** 10W/5W/1W Max. Frequency Deviation  $\pm 5kHz/\pm 2.5kHz$ -70dB/-65dB Adjacent Channel Power Spurious and Harmonics -60dB

### Standard Accessories













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## F.R.G.INTERNATIONAL.GO..LTD.

2-3-8, Kisonishi, Machida-shi, Tokyo, 194-0037, JAPAN TEL: +81-42-793-0477 FAX: +81-42-793-7742

Japanese Website



www.frc-net.co.in



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