

FIRSTCOM

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.

F.R.C.

First Radio Communication

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



Color Display



AI Noise Reduction/
Cancellation menu



Battery Charging
with Type C cable

AI Noise Reduction / Cancellation

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



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	± 2.5ppm
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
Adjacent Channel Selectivity	65dB
Intermodulation	65dB
Spurious Rejection	70dB/65dB
Audio Output <5% Distortion	1W

Transmitter

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

Standard Accessories



Please contact us.

FRC INTERNATIONAL CO., 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.jp

English Website



www.frc-net.co.jp/firstcom

Youtube Site



[www.youtube.com/
@frcinternational](https://www.youtube.com/@frcinternational)