

# **FIRSTCOM**

*Professional FM TRANSCEIVER*

## **FC-2100R**

**Dual Band**  
(VHF / UHF)

**10W**  
Output Power

**3200mAh**  
Battery Capacity



Firstcom "FC-2100R" provides 10W high power output with large capacity battery.

Its design is simple and durable.

This radio will offer full of features.

- ☐ Quick Channel assignment
  - ☐ Busy Channel Lock
  - ☐ FQ/CTCSS Scanning
  - ☐ Dual Line Operation, and more.
- for business and industry users.

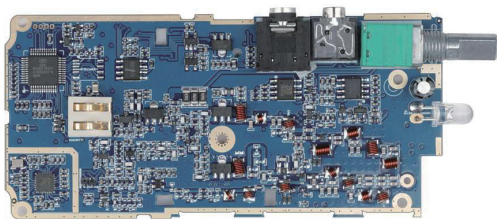
# **F.R.C.**

*First Radio Communication*

## Main Functions

- Dot Matrix LCD display
- Flashlight
- Dual band, Dual display, Dual standby
- FM Radio receiver
- Busy channel lockout
- VOX
- Roger Beep
- Low battery / Emergency alarm
- TOT
- Scan - Frequency scan / CTCSS / DCS scan
- Scrambler
- CTCSS / DCS
- DTMF / 2 Tone / 5 Tone
- 1750Hz Tone
- Offset and Shift Down
- Remote kill / stun / active

## Dual Line Amp & Filter



In not a few dual band two-way radios, main board often has filters for each bands but only one main amplifier. It gives compromise in performance of radios. On the other hand, FC-2100R has two amplifiers for each frequency bands, frequency bands, which enhances the performance of radio and gives users best solution in many situations.

## Specifications

Model Name	FC-2100R
General	
Frequency Range	136-174 / 400-480
Memory Channels	200
Channel Spacing	12.5/25kHz
Frequency Stability	± 2.5ppm
Antenna Impedance	50Ω
Battery Capacity	3200mAh
Battery Voltage	7.4V DC ±10%
Dimensions (mm) excl. protrusions	56x121x42
Weight with battery (Approx.)	268g
Water Dust Proof	—

### Receiver

Sensitivity (12dB SINAD)	-122dBm
Adjacent Channel Selectivity	65dB
Intermodulation	60dB
Spurious Rejection	65dB/60dB
Audio Output <5% Distortion	500mW

### Transmitter

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

## Standard Accessories



Please contact us.

**F.R.C. 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](http://www.frc-net.co.jp)

English Website



[www.frc-net.co.jp/firstcom](http://www.frc-net.co.jp/firstcom)

Youtube Site



[www.youtube.com/  
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