Simple operation for instant communication
The IC-F5011 series has 8 channels. The P0-P3 programmable buttons allows you to customize the radio to suit your needs and convenience.

Most popular signalings built-in
Use the built-in 2-Tone, 5-Tone, MDC 1200, CTCSS and DTCS capabilities as standard to set up your own talk groups and quiet stand-by when others are talking.

Multiple 2-Tone, multiple 5-Tone
Up to ten 2-Tone or eight 5-Tone codes can be decoded on a channel. Features such as stun, kill, revive, answer back, auto TX, scan, audio output are programmable to respond to each tone.

MDC 1200 compatible
The IC-F5011 series has a built-in MDC 1200 for transmitting a PTT ID and emergency* signal and for receiving radio check, stun and revive. Assimilate the radio easily into existing MDC 1200 systems. (* No ACK transmission)

Enhanced scan features
The priority scan function allows you to monitor one or two priority channels while scanning other non-priority channels. The Tx channel and talk back functions allow you to make a quick response while scanning.

Remote channel control with optional ACC cable
The optional ACC cable allows you to connect with various external devices to control audio output, modulated signal input, remote channel control, horn honk and many more functions. OPC-1939 is a D-SUB 15-pin type and OPC-2078 is a D-SUB 25-pin type.

Built military rugged
The IC-F5011 series is tested to MIL-STD 810 F specifications. The radio is built to survive harsh environment and keep working.

Other features
- 4W (typ.) front mounted speaker
- Wide frequency coverage (136–174, 400–470 and 450–512MHz)
- Wide/narrow channel spacing (25, 12.5kHz) programmable
- Microphone hanger action programmable
- Optional DTMF microphone (HM-152T)
- Optional voice scrambler unit, UT-109R or UT-110R
- DTMF autodial and optional DTMF decoder, UT-108R
- PC programmable
- Power-on password function
- Nuisance delete function
- Time-out-timer, lock-out penalty timer
## Specifications

**IC-F5011**  
### General  
- Frequency coverage: 136–174MHz  
- Number of channels: 8 channels  
- Type of emission: 16KOF3E/11KOF3E  
- Channel spacing: 12.5/25kHz, 15/30kHz, 12.5/25kHz  
- PLL channel step: 2.5/3, 125kHz  
- Power supply requirement: 13.6V DC  
- Current drain (approx.):  
  -Tx: 10A  
  -Rx: 700mA  
- Standby: 250mA  
- Weight (approx.): 1.1kg, 2.4lb  
- Dimensions (W×H×D): 150×167.5×40mm  
- Operating temperature range: –30°C to +60°C; –22°F to +140°F  
- Antenna impedance: 50Ω (SO-239)  
- Standby time: 250mA  
- Rx Max. audio: 700mA  
- Tx High (50W/45W): 10A  
- Frequency stability: ±0.25ppm  
- FM Hum and noise: 45/40dB typ. (Wide/Narrow)  
- Audio harmonic distortion: 3% typ.  
- Frequency accuracy: ±2.5ppm  
- Spurious emissions: 70dB min.  
- Intermodulation rejection: 75dB typ.  
- Spurious response rejection: 70dB min.  
- Adjacent channel selectivity: 75/65dB typ. (W/N)  
- Hum and noise: 45/40dB typ. (Wide/Narrow)  
- Audio output power: 4W typ.  
- Ext. speaker connector: 2-conductor 3.5 (Ø) mm (1/8")/4Ω

**IC-F6011**  
### General  
- Frequency coverage: 400–470MHz  
- Number of channels: 8 channels  
- Type of emission: 16KOF3E/11KOF3E  
- Channel spacing: 12.5/25kHz, 15/30kHz, 12.5/25kHz  
- PLL channel step: 2.5/3, 125kHz  
- Power supply requirement: 13.6V DC  
- Current drain (approx.):  
  -Tx: 11A  
  -Rx: 700mA  
- Standby: 250mA  
- Weight (approx.): 1.1kg, 2.4lb  
- Dimensions (W×H×D): 150×167.5×40mm  
- Operating temperature range: –30°C to +60°C; –22°F to +140°F  
- Antenna impedance: 50Ω (SO-239)  
- Standby time: 250mA  
- Rx Max. audio: 700mA  
- Tx High (50W/45W): 11A  
- Frequency stability: ±0.25ppm  
- FM Hum and noise: 45/40dB typ. (Wide/Narrow)  
- Audio harmonic distortion: 3% typ.  
- Frequency accuracy: ±2.5ppm  
- Spurious emissions: 70dB min.  
- Intermodulation rejection: 75dB typ.  
- Spurious response rejection: 70dB min.  
- Adjacent channel selectivity: 75/65dB typ. (W/N)  
- Hum and noise: 45/40dB typ. (Wide/Narrow)  
- Audio output power: 4W typ.  
- Ext. speaker connector: 2-conductor 3.5 (Ø) mm (1/8")/4Ω

### Options

- Some options may not be available in some countries. Please ask your dealer for details.

### Hand Microphones
- HM-152  
- HM-152T DTMF microphone  
- HM-148G Heavy duty microphone  
- HM-148T Heavy duty microphone with DTMF keypad  

### External Speakers
- SP-30  
- SP-22  

### ACC Cables
- OPC-2078 25-pin type  
- OPC-1939 15-pin type

### Receivers
- Sensitivity (at 12dB SINAD): 0.25µV typ.  
- Adjacent channel selectivity: 75/65dB typ. (W/N)  
- Spurious response rejection: 70dB min.  
- Intermodulation rejection: 75dB typ.  
- Hum and noise: 45/40dB typ. (Wide/Narrow)  
- Audio output power: 4W typ.  

### Available U.S. Military Specifications

#### Standard
- Low Pressure: 504.4°F, I, II  
- High Temperature: 504.4°F, I, II  
- Low Temperature: 503.4°F, I  
- Temperature Shock: 503.4°F, I  
- Solar Radiation: 505.4°F, I  
- Humidity: 507.4°F, I  
- Setting Dust: 510.4°F, III  
- Vibration: 514.5°F, I  
- Shock: 516.5°F, I, IV

#### Measurements
- Also meets equivalent MIL-STD-810-C, D and E

### Internal Units
- UT-109R DTMF decoder  
- UT-109R Non-rolling type voice scrambler unit  
- UT-110R Rolling type voice scrambler unit

### Desktop Microphone
- SM-26

### Suppliers Accessories
- Hand microphone (HM-152)  
- DC power cable  
- Microphone hanger  
- Key assign stickers  
- Mounting bracket kit