

VHF AND UHF TRANSCEIVERS

IC-F111 (VHF Transceiver)

IC-F211 (UHF Transceiver)



- **Powerful 50W (VHF), 45W (UHF) Output**
- **6 Prog. Buttons and Independent Volume Knob**
- **4W typ. Front-mounted Speaker**
- **128 Memory Channels with 8 Memory Banks**
- **8-Character Alphanumeric Display**
- **Flexible Hanger Actions**
- **Built-in 2-Tone, 5-Tone, CTCSS, DTCS Encoder & Decoder**
- **Advanced Multi 2-Tone/5-Tone Systems (See overleaf for details)**
- **Standard DTMF Encoder and Optional DTMF Decoder with ANI Function**
- **Programmable Wide/Narrow Channel Spacing for Each Channel**
- **Optional Voice Scrambler, UT-109/UT-110**

ADDITIONAL FEATURES

Advanced Multi 2-Tone/5-Tone systems

Programmable actions when a matched tone is received

- Bell icon indication ON/OFF/Blink
- Answer back calls
- Beep sounds
- Scan Start/Stop
- Auto transmission
- Stun/Kill functions (prevents use of a lost or stolen radio)
- External out for horn drive (Optional OPC-617 is required)

32 Tx and 9 Rx 5-Tone codes available

11 Tx and Rx 2-Tone codes available



illumination

Other features

- Hook scan function and Hook scan ON/OFF button are assignable
- 10 scanning lists and normal/priority scan
- Power on password
- External I/O terminal socket with optional OPC-617
- Backlit LCD and keys for night time operations
- Meets MIL-STD 810 C, D, E and F requirements

SPECIFICATIONS

GENERAL

Frequency coverage	: IC-F111 136–174MHz IC-F211 400–430MHz 440–490MHz
Number of Channels	: 128 channels/8 banks
Channel spacing	: 12.5/25kHz
PLL channel step	: VHF 2.5, 3.125kHz UHF 5, 6.25kHz
Frequency stability	: VHF ±5.0ppm UHF ±2.5ppm
Operating temp. range	: –30°C to +60°C
Power supply voltage	: 13.6V DC
Operating temperature range	:

		VHF	UHF
Tx	50w	14A	-
	45w	-	13A
Rx	Max. audio	1200mA	
	Stand-by	300mA	

Antenna impedance	: 50Ω (SO-239)
Dimensions (W×H×D)	: 150×40×167.5mm
Weight	: 1.1kg