



IC-F1100DT IC-F2100DT

VHF AND UHF DIGITAL TRANSCEIVERS



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Big on Audio, Small on Size 1500 mW Class Leading Audio

- 136–174, 350–400, 400–470, 450–520 MHz
- 128 Channels / 8 Zones
- Compact (52.2 (W) × 111.8 (H) mm; 2.1 × 4.4 in) and light weight
- IP67 waterproof and dust-tight protection
- Tested to 12 categories of MIL-STD-810-G environmental tests
- AquaQuake™ – Expels water ingress from the speaker grill
- DTMF autodial memories
- 16-position rotary selector and ON/OFF volume knob
- Programmable keys – Increase the number of programmable key assignments by using the “Shift key”
- Eight character alphanumeric display
- Three color LED

- AMBE+2™ vocoder
- Over-the-Air Alias (OAA) displays the caller's name without programming
- Individual, Group and All call
- Late entry for Group call
- Status call and Polling
- Short data messages
- Call alert (NXDN)
- Radio check (RX only) (NXDN)
- GPS position capabilities (requires HM-171GPW)
- Up to 500 ID numbers for IDAS or MDC 1200 signaling system can be saved in the Call List to show the alias name

- CTCSS and DTCS tone
- 2-Tone and 5-Tone
- MDC functions*; PTT ID, Emergency (TX/RX), Radio check (RX), Stun (RX), Revive (RX) (* Depending on version)
- BIIS PTT ID transmission

- Digital voice scrambler (Low level encryption)
- Radio Stun/Revive/Kill (RX only)
- Remote monitor (NXDN)/ambience listening (dPMR)
- Man down, Lone worker and Emergency call key capability
- Motion and Stationary detection function
- Surveillance function temporarily turns OFF the beep and LED indicator
- Power ON password

- Priority scan monitors one or two priority channels while scanning non-priority channels
- Voting scan automatically selects the optimal repeater site
- Mode dependent scan automatically changes the scan list, depending on the operating channel
- Power ON scan function
- Talk Back timer

- Channel announcement function
- VOX function for hands-free operation
- Siren sound for security alarm

- Operating time of up to 20 hours with the BP-280

