

ACTUAL SIZE



dPMR™ 446/PMR446 TRANSCEIVER
IC-F29DR2



Events



Construction sites



Security

Compact Waterproof Digital Transceiver for Professional Users

Digital and Analogue Dual Mode
The IC-F29DR2 can be used in both digital (32 ch) and analogue (16 ch) mode at the same time and can scan both zones at once. This allows an organisation to operate both digital and analogue radios in their fleets.

IP67 Waterproof and Dust-tight
The IC-F29DR2 can withstand 1 m depth of water for 30 minutes. This rugged construction provides dust-tight protection making it suitable for outdoor use.

800mW Outstanding Audio Quality
800 mW audio output is provided from the large 36 mm speaker. The IC-F29DR2 can deliver loud and intelligible audio even in noisy environments.

Group Call Communication
Similar to analogue CTCSS and DTCS codes, the digital Common ID also can be used for a group call. These codes and ID can be programmed to the 16 position rotary selector for instant call capability.

VOX for Hands-free Operation
With either optional headset* HS-94LWP or HS-95LWP, built-in VOX function provides convenient hands-free operation. The HS-94LWP/HS-95LWP has a waterproof connector. * HS-94 and HS-95 also can be used with OPC-2004LA.

Voice Announcement Function
When you rotate the rotary selector, the radio announces the selected channel number. The radio also announces the zone number and mode when the zone button is pushed.

12 types of Ring Tone
The Call-Ring function allows you to call your group members with 12 types of ring tone. When you pre-arrange any ring tone for an emergency, the ring tone can be used for an emergency alert.

+ AND MORE Other Features
· 26 hours operating time with supplied BP-280 · Channel Set Mode · Power ON scan · Tone scan (analogue) · Nuisance delete · Answer back call (analogue) · LED light indicator · Status Call (RX only) · PC programmable · AMBE+2™ dPMR™ standard vocoder

Specifications

- Usable channels: 16 ch (PMR 446) 32 ch (dPMR™ 446)
- Output power: 500 mW (ERP)
- Audio output power: Internal speaker 800 mW typical (with 12 Ω load) (at 5% distortion) External speaker 400 mW typical (with 8 Ω load)
- Dimensions : 52.2 (W) × 186.1 (H) × 30.3 (D) mm (with BP-280)
- Weight: 270 g (with MB-133, BP-280)
- Communication range*: Approximately 11km (Wide open space)
- Operating temperature: -25°C to +55°C
- IP rating: IP67 (Dust-tight and waterproof protection)
- Military standard: MIL-STD-810-G

* Communication range may differ depending on operating environment or weather conditions, etc. All stated specifications are subject to change without notice or obligation.

Supplied Accessories (* May differ depending on version)

