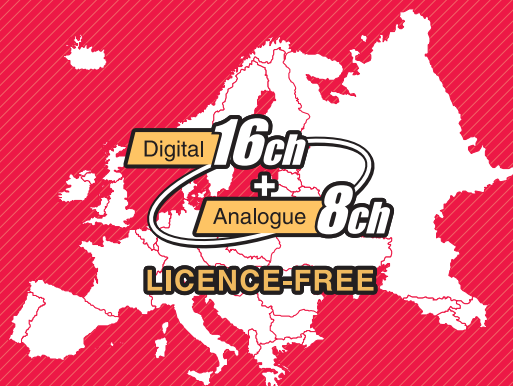


## Digital Advantages



The IC-F29DR is available with 16 digital channels and utilises 6.25 kHz narrow channel spacing. Even in urban areas where analogue PMR446 users often experience channel congestion, digital channels offer less interference. Therefore, it is so suitable for professional use.

## Pan-European Licence-Free Communication



The IC-F29DR meets pan-European digital and analogue licence-free standards. The IC-F29DR is ideal for organisations and businesses where the workplace is constantly changing such as construction sites and events.

### Options

#### Headsets



**HS-94LWP**  
Earhook headset with boom microphone for hands-free operation



**HS-95LWP**  
Behind-the-head type with boom microphone for hands-free operation



**HM-153LA**  
Lapel type microphone with earphone



**HM-166LA**  
Light weight earphone microphone

#### Speaker-microphones



**HM-168LWP**  
IP67 waterproof speaker-microphone



**HM-158LA**  
Compact size speaker-microphone



**HM-159LA**  
Full size durable speaker-microphone

#### Throat microphone



**HS-97 + VS-4LA or OPC-2004LA\***  
Throat microphone with earphone

\* Either VS-4LA or OPC-2004LA is required when using HS-97 headset.  
VS-4LA: PTT switch cable for manual PTT operation  
OPC-2004LA: Plug adapter cable for VOX hands-free operation  
HS-94 and HS-95 also can be used with either VS-4LA or OPC-2004LA.

#### Battery packs



**BP-278**



**BP-279**



**BP-280**

Battery packs	Type	Capacity	Operating time*
BP-278	Li-ion 7.2V	1130mAh (min.) 1190mAh (typ.)	12 hours (Approx.)
BP-279	Li-ion 7.2V	1485mAh (min.) 1570mAh (typ.)	17 hours (Approx.)
BP-280	Li-ion 7.2V	2280mAh (min.) 2400mAh (typ.)	26 hours (Approx.)

\* Tx: Rx: standby = 5 : 5 : 90 duty cycle. Power save ON.

#### Multi-charger



**BC-214**

Rapidly charges up to six transceivers and/or battery packs at the same time\*.

\* AD-130 charger adapter is supplied with BC-214.



**MB-130**

For use with BC-213.

#### Charger bracket

#### Power supply cable

**OPC-656**  
For use with BC-214.

#### Cigarette lighter cable

**CP-23L**  
For use with BC-213.

#### Programming software

**CS-F29DR**  
Allows quick and simple setting from a PC.

#### Programming cable

**OPC-478UC:** USB cable

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# ICOM

## Digital Licence-Free Comms with Professional Level Durability



**dPMR<sup>TM</sup> Digital**

**Rugged  
MIL-STD 810**

**IP67**

**dPMR<sup>TM</sup> 446/PMR446 TRANSCEIVER  
IC-F29DR**



ACTUAL  
SIZE



dPMR™ 446/PMR446 TRANSCEIVER  
**IC-F29DR**



Events



Construction sites



Security

# Compact Waterproof Digital Transceiver **for Professional Users**



## Digital and Analogue Dual Mode

The IC-F29DR can be used in both digital and analogue 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-F29DR can withstand 1m depth of water for 30 minutes. This rugged construction provides dust-tight protection making it suitable for outdoor use.



## Outstanding Audio Quality

800mW audio output is provided from the large 36mm speaker. The IC-F29DR can deliver loud and intelligible audio even in noisy environments.



## Group Call Communication

Similar to analogue CTCSS and DTCSS 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.\* 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.



## Other Features

·26 hours operating time ·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:	8 ch (PMR 446) 16 ch (dPMR™ 446)
• Output power:	500mW (ERP)
• Audio output power:	Internal speaker 800mW typical (with 12Ω load) External speaker 400mW typical (with 8Ω load) (at 5% distortion)
• Dimensions :	52.2 (W) × 186.1 (H) × 30.3 (D) mm (with BP-280)
• Weight:	270g (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)



**AC adapter**  
BC-123SE/SUK\*



**Rapid charger**  
BC-213



**Battery pack**  
BP-280



**Belt clip**  
MB-133