

## IC-F29SR2 Licence-free Radio Features

### 16 Channels 16 Usable Channels

The IC-F29SR2 meets the European standard EN 300 296 and has total of 16 channels including new 8 channels\*.  
\* New 8 channels may be restricted, depending on countries.

### 800mW Clear Audio

The large 36 mm speaker of the radio provides clear compounded 800 mW\* audio to a radio operator working in noisy environments.  
\* Typical with internal speaker.

### Rotary Channel

16-position rotary channel knob can be programmed with operating channels and group code. The radio announces the channel number, when you rotate it.

### Call-Ring

The Call-Ring function can be used to call receivers with a ringer tone. Ten different ring patterns can be selected.

### Answer Back

The Smart-Ring function checks whether the receiver is in communication range with a ringer sound.

### Private Conversation

The built-in inversion voice scrambler provides private conversation. Up to 16 codes are selectable.

### 21 Hours Operation

The supplied Li-Ion battery pack, BP-279, provides up to 21 hours of operating time. The supplied rapid charger BC-213 charges the BP-279 in 2.5 hours.

### Group Call

The user programmable CTCSS and DTCSS codes can be used for group call. You will only send a call to specified group members using the same tone and same channel.

### Other Features

- Low battery alert
- Monitor function
- Surveillance function
- Microphone gain level adjustment
- Three programmable buttons
- Time-out-timer function
- Siren alarm function
- Key lock function
- Power on scan function
- PC programmable

## Specifications

- Usable channels: 16 channels
- Output power: 500 mW (ERP)
- Audio output power: Internal speaker 800 mW typ. (with 12 Ω load)  
External speaker 400 mW typ. (with 8 Ω load)  
(at 5% distortion)
- Dimensions: 52.2 (W) × 186.1 (H) × 24.5 (D) mm (with BP-279)
- Weight: 240 g (with BP-279)
- Communication range\*: Approx. 8 km (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



AC adapter  
BC-123SE/SUK\*



Rapid charger  
BC-213



Battery pack  
BP-279



Belt clip  
MB-133

(\* May differ depending on version)

## Batteries & Charger Options



BP-278 BP-279 BP-280

Battery packs	Type	Capacity	Operating time*
BP-278	Rechargeable Li-ion 7.2 V	1130 mAh (min.) 1190 mAh (typ.)	16 hours (Approx.)
BP-279	Rechargeable Li-ion 7.2 V	1485 mAh (min.) 1570 mAh (typ.)	21 hours (Approx.)
BP-280	Rechargeable Li-ion 7.2 V	2280 mAh (min.) 2400 mAh (typ.)	33 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.



Cigarette lighter cable & power supply cable  
OPC-656  
For use with BC-214.



Charger bracket  
MB-130  
For use with BC-213.

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Your local distributor/dealer:

ICOM

**16ch**  
**PMR446**  
PROFESSIONAL LICENCE-FREE

IP67

Rugged  
MIL-STD 810



PMR446 TRANSCEIVER

**IC-F29SR2**



Compact & Slim  
IP67 Waterproof  
Tough & Rugged



Withstands 1 m depth water for 30 minutes.

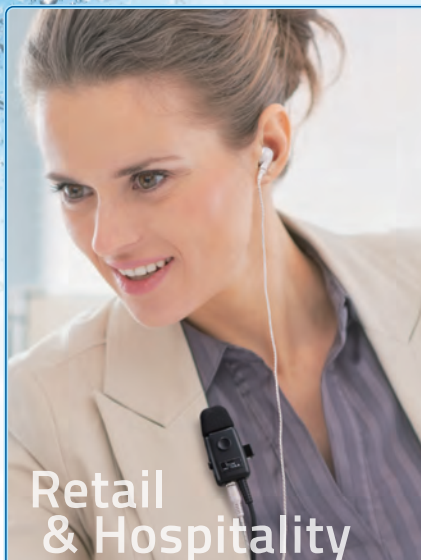
ACTUAL SIZE

PMR446 TRANSCEIVER

IC-F29SR2

## Extensive Optional Accessories

Our range of optional Icom microphones and headsets increases the flexibility of your team in the workplace.



Retail  
& Hospitality

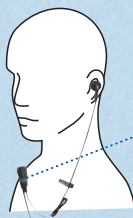
### Earphone-microphones

#### HM-153LA

Durable lapel microphone with earphone for low-profile, discreet placement.



PTT lock switch



Lapel clip

#### HM-166LA

Light weight lapel microphone with earphone.



Facility  
& Security Guard

### Speaker-microphones

#### HM-168LWP

IP67 waterproof speaker-microphone for outdoor work or places prone to getting wet.



#### HM-159LA

Full size, durable speaker-microphone provides loud audio.



#### HM-158LA

Lightweight, compact size speaker-microphone.



Earphone jack



Manufacturing  
& Construction

### Headsets

#### HS-94LWP

Earhook headset with boom microphone. Can be worn under a hard-hat. Provides hands-free operation.

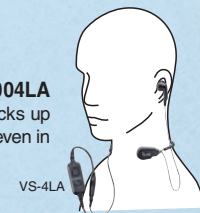


#### HS-95LWP

Behind-the-head type with boom microphone. Provides hands-free operation.

#### HS-97

+ VS-4LA or OPC-2004LA  
Throat microphone picks up your speech vibration even in a noisy environment.



VS-4LA

#### VS-4LA PTT SWITCH CABLE

OPC-2004LA PLUG ADAPTER CABLE  
Either VS-4LA or OPC-2004LA is required when using HS-97 headset.