

## IC-F29SR Licence-free Radio Features



### Easy to Use

This simple to use radio is ideal for high turnover environments and shift work where the radio is constantly passed from person to person.



### Easy to Hear

The large 36mm 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

- Frequency coverage: 446.00625–446.09375MHz (8 channels)
- Output power: 500mW (ERP)
- Audio output power: Internal speaker 800mW typ. (with 12Ω load)  
External speaker 400mW typ. (with 8Ω load)  
(at 5% distortion)
- Dimensions : 52.2 (W) × 186.1 (H) × 24.5 (D) mm (with BP-279)
- Weight: 240g (with BP-279)
- Communication range\*: Approx. 8km (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

Battery packs	Type and capacity	Operating time*	Description
BP-278	Li-Ion, 7.2V 1130mAh	16 hours (Approx.)	Slim type
BP-279	Li-Ion, 7.2V 1485mAh	21 hours (Approx.)	Same as supplied

\* 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.



OPC-656  
For use with BC-214.



CP-23L  
For use with BC-213.



MB-130  
For use with BC-213.

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Your local distributor/dealer:

ICOM



IP67



PMR446 TRANSCEIVER

IC-F29SR



Compact & Slim  
 IP67 Waterproof  
 Tough & Rugged



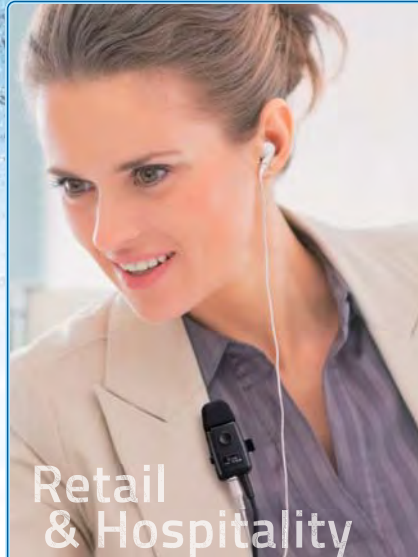
Withstands 1m depth water for 30 minutes.

ACTUAL SIZE

PMR446 TRANSCEIVER  
**IC-F29SR**

## Extensive Optional Accessories

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



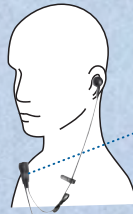
Retail & Hospitality

### 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.

IP67



Earphone jack

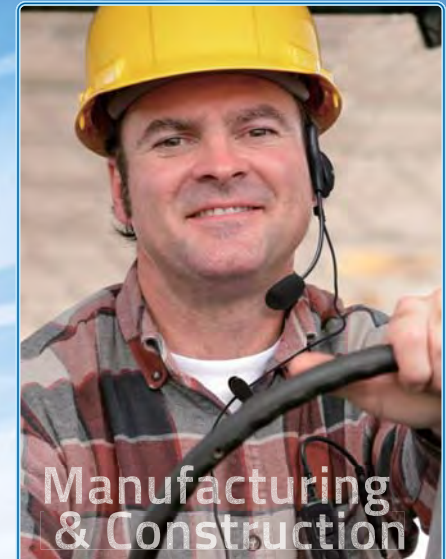


**HM-159LA**  
 Full size, durable speaker-microphone provides loud audio.



Earphone jack

**HM-158LA**  
 Lightweight, compact size speaker-microphone.



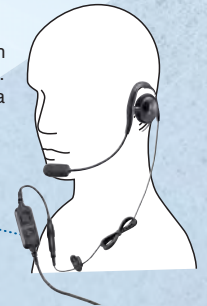
Manufacturing & Construction

### Headsets

**HS-94 + VS-4LA**  
 Earhook headset with boom microphone. Can be worn under a hard-hat.



Lapel clip



**HS-95 + VS-4LA**  
 Behind-the-head type with boom microphone.



**HS-97 + VS-4LA**  
 Throat microphone picks up your speech vibration even in a noisy environment.



**VS-4LA**  
 PTT SWITCH CABLE  
 Required when using any of these headset.