

## 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 DTCS 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.



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.

Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries.

Icom Inc. [www.icom.co.jp/world](http://www.icom.co.jp/world)

Count on us!

### Icom (Europe) GmbH

Communication Equipment  
Auf der Krautweide 24, 65812 Bad Soden am Taunus, Germany  
Phone : +49 (6196) 76685-0 E-mail : [info@icom-europe.com](mailto:info@icom-europe.com)  
Fax : +49 (6196) 76685-50 URL : <http://www.icomeurope.com>

### Icom Spain S.L.

Ctra. Rubí, No. 88 "Edificio Can Castanyer" Bajos A 08174,  
Sant Cugat del Valles, Barcelona, Spain  
Phone : +34 (93) 590 26 70 E-mail : [icom@icomspain.com](mailto:icom@icomspain.com)  
Fax : +34 (93) 589 04 46 URL : <http://www.icomspain.com>

### Icom (UK) Ltd.

Blacksole House, Altira Park, Herne Bay, Kent, CT6 6GZ, U.K.  
Phone : +44 (0) 1227 741741 E-mail : [info@icomuk.co.uk](mailto:info@icomuk.co.uk)  
Fax : +44 (0) 1227 741742 URL : <http://www.icomuk.co.uk>

### Icom France s.a.s.

Zac de la Plaine, 1 Rue Brindejonc des Moulinais, BP 45804, 31505 Toulouse Cedex 5, France  
Phone : +33 (5) 61 36 03 03 E-mail : [icom@icom-france.com](mailto:icom@icom-france.com)  
Fax : +33 (5) 61 36 03 00 URL : <http://www.icom-france.com>

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



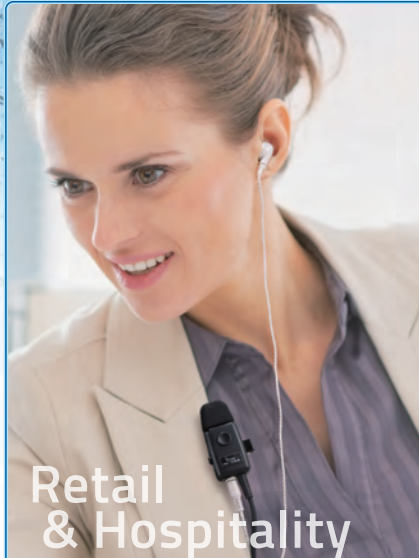
Withstands 1 m depth water for 30 minutes.

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



**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



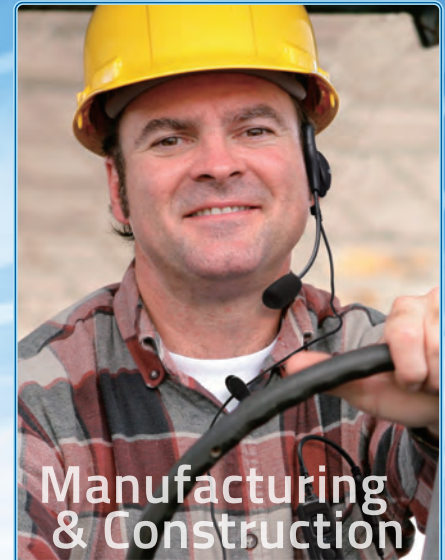
**HM-159LA**  
 Full size, durable speaker-microphone provides loud audio.



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



Earphone jack



Manufacturing & Construction

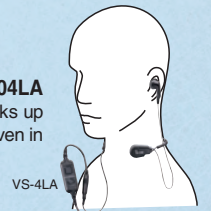
### Headsets

**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.