

IC-F29SR2 Licence-free Radio Features

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.



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) (at 5% distortion)
External speaker 400 mW typ. (with 8 Ω load)
- Dimensions: 52.2 (W) $\times$ 186.1 (H) $\times$ 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 $+55^{\circ}\text{C}$
- 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.



CP-23L
For use with
BC-213.

Charger bracket



MB-130
For use with BC-213.

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

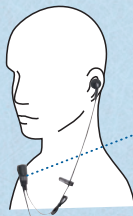
Earphone-microphones

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.



HM-159LA

Full size, durable speaker-microphone provides loud audio.



HM-158LA

Lightweight, compact size speaker-microphone.



Manufacturing
& Construction

Headsets

HS-94LWP

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

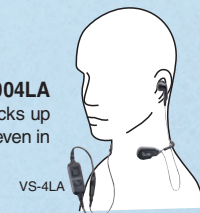


HS-95LWP

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 PTT SWITCH CABLE

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