

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) (at 5% distortion) External speaker 400mW typ. (with 8Ω load)
- 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 BP-280

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

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hamTECH

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ICOM



PMR446 TRANSCEIVER

IC-F29SR

Compact & Slim
 IP67 Waterproof
 Tough & Rugged



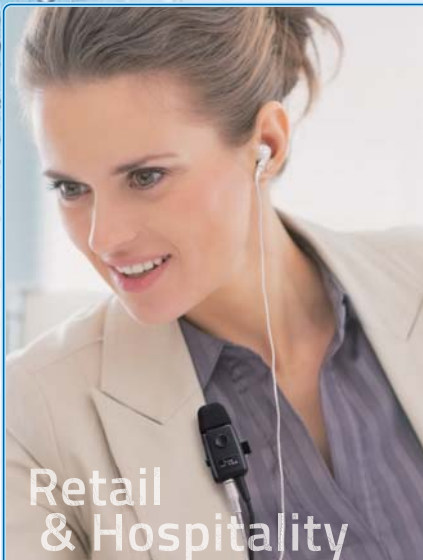
Withstands 1m depth water for 30 minutes.

ACTUAL SIZE

PMR446 TRANSCEIVER
IC-F29SR

Extensive Optional Accessories

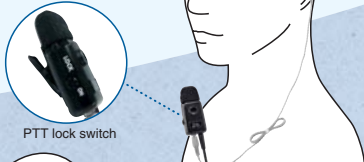
Our range of optional Icom microphones and headsets increases the flexibility of your team in the workplace.



Retail & Hospitality

Earphone-microphones

HM-153LA
 Durable lapel microphone with earphone for low-profile, discreet placement.



PTT lock switch



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.

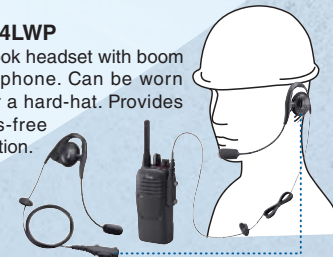


Manufacturing & Construction

Headsets

HS-94LWP

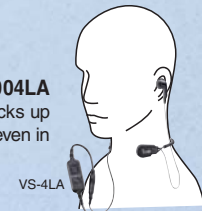
Earhook headset with boom microphone. Can be worn under a hard-hat. Provides hands-free operation.



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.