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 companded 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

• 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 standrad:	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-157S
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.

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ICOM

PMR446
PROFESSIONAL LICENCE-FREE

IP67

Rugged MIL-STD 810



PMR446 TRANSCEIVER

IC-F29SR

Compact & Slim

IP67 Waterproof

Tough & Rugged



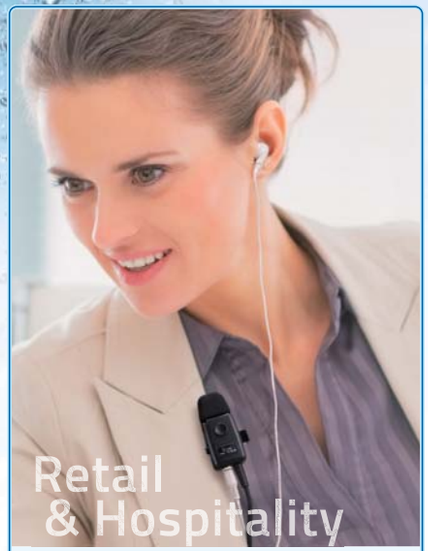
Withstands 1m depth water for 30 minutes.

PMR446 TRANSCEIVER

IC-F29SR

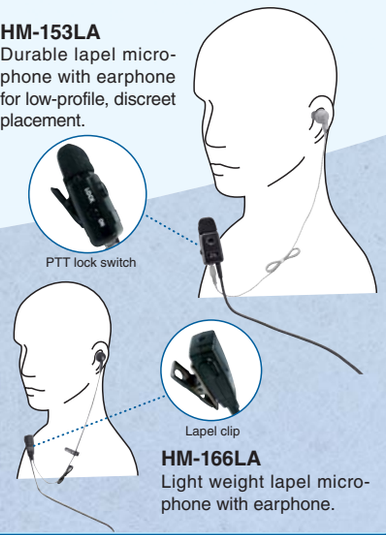
Extensive Optional Accessories

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



Earphone-microphones

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



HM-166LA
Light weight lapel microphone with earphone.



Speaker-microphones

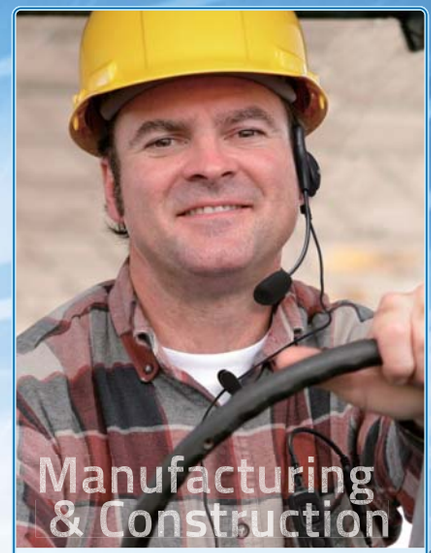
HM-168LWP IP67
IP67 waterproof speaker-microphone for outdoor work or places prone to getting wet.



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



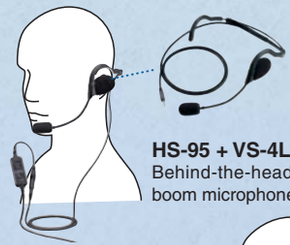
HM-158LA
Lightweight, compact size speaker-microphone.



Headsets

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





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.

SyncComms