

ICOM

PMR446 FM TRANSCEIVER

# IC-4088SR

PMR446  
FM  
TRANSCEIVER



## *Professional Quality in Personal Communications*

- 8 channels and 38 group codes
- Rugged performance and high performance antenna
- Built-in voice scrambler provides secure private communications
- Economical 3 alkaline cells or optional rechargeable Ni-Cd battery assembly
- Charge and use at the same time with various optional extras
- 'Smart-ring' and 'Call-ring', plus Time-out-timer function
- Splash resistant construction for outdoor use

Icom Inc.

## SPECIFICATIONS

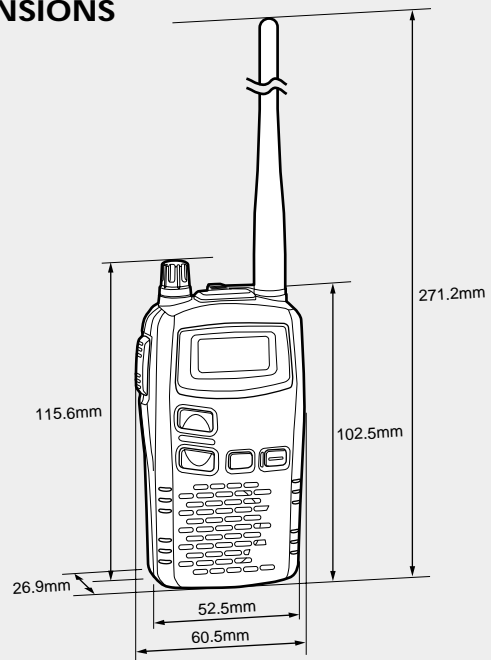
- Number of channels : 8 (simplex; 446.00625–446.09375MHz)
- Mode : FM (F3E)
- Frequency stability :  $\pm 2.5\text{kHz}$ ,  $\pm 5.6\text{ppm}$
- Frequency resolution : 12.5kHz
- Battery requirements : 3  $\times$  AA(R6) alkaline cells ;  
or optional BP-202
- External power supply : 6.0V DC  $\pm 5\%$   
(with BC-149D, CP-18E)
- Current drain (at 4.5V DC) : Less than 500mA
- Operating temperature range :  $-20^\circ\text{C}$  to  $+55^\circ\text{C}$
- Number of CTCSS frequencies : 38 (67.0–250.3Hz)
- Weight : 200g (includes 3 alkaline cells)
- Output power : 500mW ERP
- External microphone connector : 3-conductor 2.5 (d) mm/2.2k $\Omega$
- Sensitivity (12dB SINAD) : 0.158 $\mu\text{V}$  typical
- Audio output power : More than 100mW  
at 10% distortion with an 8 $\Omega$  load
- External SP connector : 3-conductor 3.5 (d) mm/8 $\Omega$
- Battery life (Tx:Rx:Standby=1:1:8) :

Battery type	Battery life
3 alkaline cells	approx. 28 hrs.
Optional BP-202	approx. 10 hrs.

- Communication range\* (approx.) : 3km (Wide, open space)
- \* Communication range may differ depending on weather conditions, etc.

All stated specifications are subject to change without notice or obligation.  
\* Simple licence is required in some countries. Voice scrambler not available in some countries.

## DIMENSIONS



## OPTIONS



Install into the battery cell space in the transceiver.  
3.6V/700mAh



6V DC, 1A output AC adapter. Charges the BP-202, while operating the radio.



6V DC, 2A output from 12V cigarette lighter socket with internal DC-DC converter.



Rapidly charges installed Ni-Cd battery cell assembly, BP-202. The charger adapter and the AC adapter supplied with the BC-119N depending on version. Charging time: 75 to 85 min.



- HM-46** : Compact and lightweight. Equipped with an earphone jack.
- HM-75A** : Allows you to remotely select operating channels, etc.
- HM-131** : Durable body. Equipped with an earphone jack and revolving clip.
- HM-128** : Light weight and compact earphone-microphone with PTT switch that clips to your lapel.



- HS-85** : For hands-free operation. Includes VOX, PTT and "one-touch" PTT with a time-out timer.
- VS-1** : PTT/VOX unit. Required when using the HS-94, HS-95 and HS-97 with the transceiver.
- HS-94** : Earhook headset with flexible boom microphone.
- HS-95** : Behind-the-head headset with flexible boom microphone.
- HS-97** : Throat microphone fits around your neck comfortably.

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Certificate Number Q14190  
Icom Inc. (Japan), is an ISO9001 certification acquired company.

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