

ICOM

PMR446 FM TRANSCEIVER

IC-446S

"PRO" grade simplicity and reliability, nothing less

Easy to operate

PMR446 is a NEW licence-free, pan-European, radio service. Designed from the outset for ease of use, there are an absolute minimum of switches with easy to understand labels, making operation easy for beginners. The large, easy-to-read LCD shows operating information at a glance with status icons such as "low battery," "timer" and "function lock" easily recognizable. And for low light conditions, there is an auto backlight function.

Automatic transponder function

This convenient function automatically checks station availability with the operating range, and alerts you via function display indication.

At a sporting event...



'Smart-Ring' function

'Smart-Ring' is used in "Group Mode" operation to check for availability of stations in a specified group within the operating range. When stations are available, the transceiver alerts you audibly.

'Call-Ring' function

'Call-Ring' is used to manually send a ring tone when calling another party—similar to using a cellular phone. Ten different ring types can be selected from.

Water-resistant

Essential for reliable communications in the great outdoors!

Group mode

To reduce interference from other radios, you can select from 8 different radio channels and 38 different group codes, giving more than 300 different combinations!

PMR446
LICENSE
FREE

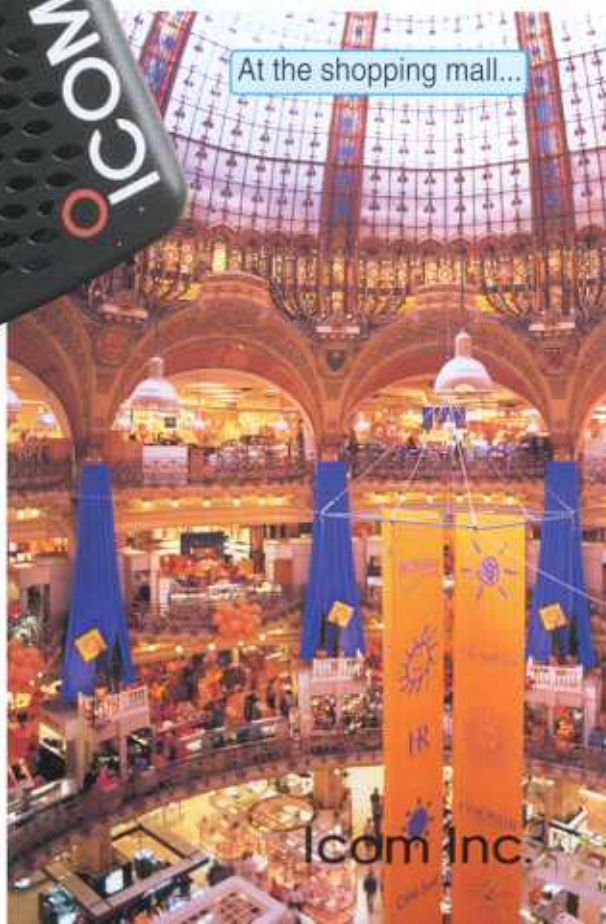
At a working site...



Other outstanding features

- Compact body—fits neatly in your palm
- Optional Ni-Cd battery and rapid charger are available
- Economical AA (R6)×3 dry or alkaline cells can be used
- Auto power-OFF timer
- Time-out timer function
- Low battery indicator
- Fold-away antenna, and more...

At the shopping mall...



Icom Inc.

SPECIFICATIONS

- Number of channels : 8 (simplex; 446.00625~446.09375 MHz)
- Mode : FM (8K50F3E)
- Frequency stability : ±2.5 kHz
- Frequency resolution : 12.5 kHz
- Power supply requirements (negative ground) : 3 × AA(R6) dry, alkaline; or optional BP-202
- Current drain : Less than 500 mA
- Operating temp. range : -20°C to +55°C
- Number of CTCSS frequency : 38 (67.0~250.3 Hz)
- Weight (includes 3 cells) : 180 g
- Output power : Less than 500 mW ERP
- External microphone connector : 3-conductor 2.5 (d) mm/2.2 kΩ
- Sensitivity (12 dB SINAD) : Less than 0.25 μV; -12 dBμV
- Audio output power (at 4.5 V DC) : More than 100 mW at 10% distortion with an 8 Ω load
- External SP connector : 2-conductor 3.5 (d) mm/8 Ω
- Battery life (Tx:Rx:Standby=1:1:6)

CH1	446.00625	CH5	446.05625
CH2	446.01875	CH6	446.06875
CH3	446.03125	CH7	446.08125
CH4	446.04375	CH8	446.09375

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

• Communication range*

Wide, open spaces with good visibility	approx. 3 km
Suburbs	approx. 1~3 km
Highways	approx. 500 m
City areas	approx. 100~200 m

*Communication ranges listed above may differ depending on weather conditions, etc.

All stated specifications are subject to change without notice or obligation.



OPTIONS

BC-119 DESKTOP CHARGER + AD-89 DESKTOP CHARGER ADAPTER BC-119L DESKTOP CHARGER SET



Rapidly charges installed Ni-Cd battery cell assembly, BP-202. Both AC and DC can be used to power the charger. Charging time: 75 to 85 min.

BP-202 Ni-Cd BATTERY CELL ASSEMBLY



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

HS-85 HEADSET



For hands-free operation. Includes VOX, PTT and "one-touch" PTT with a time-out timer.

HM-46 SPEAKER-MICROPHONE



Compact and lightweight. Equipped with an earphone jack and a transmit indicator.

HM-54 SPEAKER-MICROPHONE



Durable, full-sized speaker-microphone.

HM-75A SPEAKER-MICROPHONE



Allows you to remotely select operating channels, etc.

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Certificate Number Q14190

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

Your local distributor/dealer: