

# Economical and instant 2-way communication for business and industry

- Professional Licence-free\* transceiver  
\* Simple licence may be required in some countries
- Easy to use. Straight out of the box
- 26.5 hours of operating time\*  
\* Typical operation with BP-232N battery pack
- 300g lightweight body
- Optional high security voice scrambler



## OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

 <b>HM-153L</b> Lapel type microphone with earphone	 <b>HS-94 + VS-1L</b> Earhook headset with boom microphone	 <b>HS-95 + VS-1L</b> Behind-the-head type with boom microphone	 <b>HS-97 + VS-1L</b> Throat microphone with earphone
 <b>HM-158L</b> Compact size speaker-microphone	 <b>HM-159L</b> Full size durable speaker-microphone	 <b>BP-230N</b> 7.4V/980mAh <b>BP-232N*</b> 7.4V/2000mAh	 <b>BP-240</b> AAA(LR03) batteries x 6
 <b>BC-160 + BC-145E/UK*</b> Rapidly charge the BP-232N in 3 hours (approx.) <b>BC-119N + AD-106 + BC-145E/UK</b> is also available.	 <b>BC-171 + BC-147E</b> Charges the BP-232N in 10 hours (approx.)	 <b>BC-121N + AD-106 (6 pcs.) + BC-157</b> Rapidly charges up to 6 battery packs. Six AD-106s are required.	
 <b>VOICE SCRAMBLER UT-109</b> (Photo) Non-rolling type (#01)	 <b>BELT CLIPS MB-93</b> (Photo) Swivel type	 <b>BELT HANGERS MB-96F</b> (Photo) Fixed type. For use with MB-94.	<b>EARPHONE SP-13</b>  <b>POWER SUPPLY CABLES</b> <b>CP-17L</b> : Cigarette lighter cable for use with BC-119N <b>OPC-515L</b> : DC power supply cable for use with BC-119N <b>OPC-656</b> : DC power supply cable for use with BC-121N  * Same as supplied
<b>UT-110</b> Rolling type (#01)	<b>MB-94*</b> Alligator type	<b>MB-96N</b> Swivel type	

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ICOM



Actual Size

**PMR446 TRANSCEIVER**  
**IC-F25SR**



# PMP446 TRANSGEIVER

## IC-F25SR

### Practical licence-free radio features



#### Compact body & stubby antenna

Easily fits into your shirt pocket. 53(W)×195(H)×38(D)mm\* compact dimensions. (\* Includes antenna)



#### Lightweight

Weighing just 300g, convenient for carrying all day.



#### Smart ringer

Answer back function checks whether the receiver is in communication range with a ringer sound.



#### Large capacity battery pack

The 2000mAh Li-Ion battery pack, BP-232N, provides up to 26.5 hours\* of operating time.

\* Typical operation; Tx:Rx:Stand-by duty cycle=5:5:90



#### Optional voice scrambler

The optional UT-109 or UT-110 provides secure conversation. UT-109 (#01): 32 code type UT-110 (#01): 1020 code type



#### Other features

- Call ring function ... Allows you to send a ringer tone
- Power save function
- Time-out-timer function
- Find scan operation
- Low battery alert
- Monitor function
- All reset function

#### Specifications

- Frequency coverage : 446.00625–446.09375MHz
- Operating temperature : -25°C to +55°C
- Output power : 0.5W (ERP)
- Audio output power : 0.5W typical at 5% distortion with an 8Ω load
- Communication range\*: Approx. 3km (Wide open space)

\* Communication range may differ depending on operating environment or weather conditions, etc. All stated specifications are subject to change without notice or obligation.



#### Rotary channel selector

16-position rotary selector with preprogrammed memory channels. CTCSS (or DTCS) group code can be programmed by yourself. Ch 16 is preset as the scan channel.



#### Volume knob

#### LED Light

Shows operating condition with green/red/orange colors



#### Speaker

#### Speaker-microphone jack

Connect an optional speaker microphone or VOX headset.



#### Microphone



#### MIL-STD rugged construction

The radio is tested to MIL-STD 810 specification that can take harsh use and keep working.



#### Rapid battery charger supplied

The rapid charger BC-160 charges the battery pack, BP-232N in 3 hours.



#### Supplied accessories



- BC-145E/UK • BC-160 • BP-232N • MB-94 (BP-230N, BC-171, BC-147E and MB-94 are supplied depending on version)

# IC-F25SR

# PMP446