



IC-U20SR

PMR446 TRANSCEIVER

Boost Your Communication Efficiency with the Instant Licence-Free Radio



**Smart Rugged Design
with Water Resistance**

**Compact and Lightweight
for Effortless Everyday Use**



**PMR446
Licence-Free**



**21 Hours Operation with
Detachable Type Battery**

USB Charging

OTHER FEATURES

- 600 mW loud and clear audio
- Easy-to-use user-friendly operation
- Top and side buttons to assign often used functions
- Smart-ring function checks whether your group member is in range or not
- Alert-Ring call function is for Emergency situation.
- VOX function for hands-free operation
- USB Type-C™ charging for direct radio body connection
- QR code for product authenticity check
- IP54 / MIL810G
- All-in-one package including battery pack and charging cradle

APPLICATION EXAMPLES

- | | | |
|----------------|----------------|------------|
| • Supermarket | • Church | • Camping |
| • Retail store | • Construction | • Hiking |
| • Hotel | • Warehouse | • Biking |
| • Restaurant | • Factory | • Event |
| • School | • Carpark | • Festival |

OPTIONAL ACCESSORIES

HEADSETS and PTT SWITCH CABLES

HS-94

Headset
Ear-hook type



or

HS-95

Headset
Neck arm type



or

HS-97

Headset
Throat mic type



+

OPC-2006LS

Conversion Cable
for VOX function



or

OPC-2328

PTT Switch
Cable



(Either the OPC-2006LS or OPC-2328 is required for use with the HS-94, HS-95 or HS-97.)

BATTERY PACK / BATTERY CHARGERS

BP-304A

Battery Pack
Li-ion 3.6 V
2350 mAh typ.
2200 mAh min.



BC-262

Charging Cradle

USB port AC adapter
is separately required.



BC-264

Battery Charger

USB port AC adapter
is separately required.



SPECIFICATIONS

Frequency coverage	446.00625 MHz ~ 446.19375 MHz
Number of channels	16 channels
Output power	0.5 W
Receiver sensitivity	20 dB SINAD N : -118 dBm typ.
Type of emission	8K50F3E (12.5 kHz)
Audio power output	Internal Speaker : 600 mW typ. @ 5 % distortion with 4 Ω External Speaker : 150 mW typ. @ 5 % distortion with 8 Ω
Antenna impedance	50 Ω
Power supply voltage	3.6 V DC nominal
Current drain	Receive Max. Audio : 0.8 A Max. Transmit : 1.0 A Max.
Dimensions	H 156.0 × W 50.0 × D 26.7 mm incl. antenna H 94.0 × W 50.0 × D 26.7 mm excl. antenna
Weight	157 g (including BP-304A battery pack)

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

Supplied Accessories

- MB-127 Belt Clip
- BP-304A Battery Pack
- BC-262 Charging Cradle
- USB Type-C™ Cable

Made in Japan : The IC-U20SR is designed by Icom Inc and produced at Wakayama Icom Inc.

MICROPHONES

HM-153LS

Earphone
Microphone



HM-166LS

Earphone
Microphone



HM-183LS

Speaker
Microphone



HM-186LS

Speaker
Microphone



OTHER ACCESSORIES

MB-127

Belt clip



PARTNER PRODUCTS

IJKP™ Icom affiliated IJKP Products

IJKP-HM-1LS-OW

Earphone Microphone
Acoustic
Type
Earphone



IJKP-HM-2LS-OW

Earphone Microphone
C Type Earphone



IJKP-HM-3LS-OW

Earphone Microphone
D Type Earphone



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