



IC-U20SR

PMR446 TRANSCEIVER

Boost Your Communication Efficiency with the Instant Licence-Free Radio



Compact and Lightweight
for Effortless Everyday Use

Smart Rugged Design
with Water Resistance



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



HS-95
Headset
Neck arm type




HS-97
Headset
Throat mic type




+

OPC-2006LS
Conversion Cable
for VOX function



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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