



# 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 CHARGERS

## BC-262

Charging Cradle

USB port AC adapter  
is separately required.



## BC-264

Battery Charger

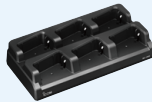
USB port AC adapter  
is separately required.



## BC-268

Multi-charger

AC adapter BC-228  
is supplied with  
the charger.



## BC-228

AC adapter  
for BC-268



## 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



## BATTERY PACK

## BP-304A

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



## 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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