

# IC-R20

## <New Features>

- **Wide receive range: 0.15~3304.9999MHz. Modes: SSB/CW/AM/FM/WFM**  
Receive range depends on version.
- **Dual watch capability in specific bands**  
The receiver has band A and B. Dual watch is possible between band A and B.  
However, dual watch is not possible within band A or B.

Examples of dual watch listening combinations:

- Listening to 2 air band frequencies. (E.g. 2 aircraft or 1 aircraft and the control tower)
- Listening to an Amateur/LMR band and monitoring an air band.
- Listening to an FM radio station and a UHF TV station.
- Listening to a sport broadcast and the playing teams radio communications if they use the UHF band.
- Listening to an Amateur VHF band and UHF band simultaneously.

Frequency (MHz)		118	175	330	470	1305	3305	Mode:
Single watch								SSB/CW/AM/FM/WFM
		←-----→						AM/FM/WFM
Dual watch	A							SSB/CW/AM/FM/WFM
	B	←-----→	←-----→	←-----→	←-----→			AM/FM/WFM

- **IC audio recorder built-in with selectable recording time**  
Recording times of 1 hour/2 hours and 4 hours are selectable. Please note that playback audio quality of the recorded contents is reduced as the recording time is extended.
- **Auto squelch function**
- **1250 memory channels. 1000 memory, 25 scan edge, 200 auto-write scan**  
(Max. 100 channels x 18 banks)
- **CTCSS/DTCS/DTMF decode**
- **Large backlit dot-matrix LCD for clear viewing of display contents**  
Max. 8 characters can be programmed for channel names
- **Internal bar antenna allows MF band reception without antenna**
- **Similar telescopic rod type antenna as IC-R3 (BNC connector)**
- **Li-ion battery pack standard (BP-206)**
- **Optional swivel belt clip MB-87**

## <Retained Features from IC-R10>

- **Voice Scan Control (VSC)**
- **Attenuator and RF gain control functions**
- **Noise blanker and Automatic Noise Limiter functions**
- **Multiple scan functions. 30Ch/sec high speed scan capability in VFO mode**
- **CI-V PC control capability**
- **External DC jack for simultaneous charging and operation**
- **Backlit keypad**

## <Standard Accessories> Depends on version

BC-149A/D : Wall charger  
 BP-206 : Li-ion battery pack (3.7V/1650mAh)  
 Belt-clip : MB-74N

Rod antenna  
Hand strap

## <Planned Options>

### New:

BC-156 : Rapid charger  
CS-R20 : Cloning Software (USB cloning cable supplied\*)  
LC-158 : Carry case

\* The USB connector port on the IC-R20 is a miniature type.

### Current:

BP-206 : Li-ion battery pack (3.7V/1650mAh)  
BC-149A/D : Wall charger  
CP-18A/E : Cigarette lighter cable  
CT-17 : CI-V level converter  
MB-74N : Alligator type belt clip  
MB-87 : Swivel belt clip  
MB-96 : Leather belt hanger (Swivel type)  
MB-96F : Leather belt hanger (Fixed type)  
SP-13 : Earphone

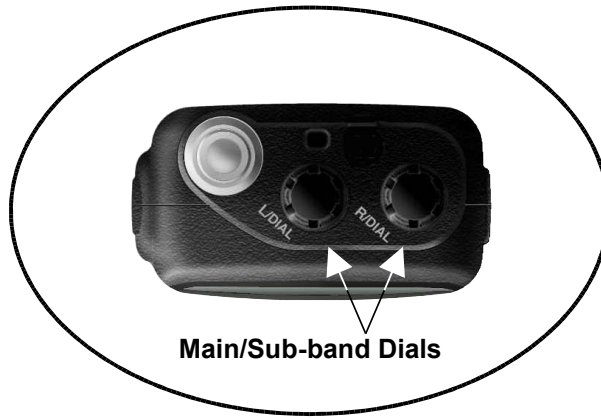
## <Pre-set Television Sound and Short Wave Frequencies>

The TV Channel Sound plans below will be programmed as the initial default into each version of the IC-R20 at the factory. Separate to these, 100 pre-set shortwave frequencies will also be programmed by default. The respective frequency tables/SW list is attached for your reference.

Model	Version	Preset TV Sound Channel Plan	TV Sound Modulation
IC-R20	#02 EUR	CCIR (Table 1)	All channels WFM
IC-R20	#03 UK	CCIR (Table 2)	Ch1~12 skipped Ch21~69 WFM
IC-R20	#06 USA	USA (Table 3)	All channels WFM
IC-R20	#07 FRA	France (Table 4)	All channels AM
IC-R20	#08 SEA	CCIR (Table 1)	All channels WFM
IC-R20	#09 EXP-01	Taiwan (Table 5)	All channels WFM
IC-R20	#10 EXP-02	CCIR (Table 1)	All channels WFM
IC-R20	#11 CAN	USA (Table 3)	All channels WFM

**<Cosmetic design>**

The photo below shows a mock sample only. The final product may differ to this.

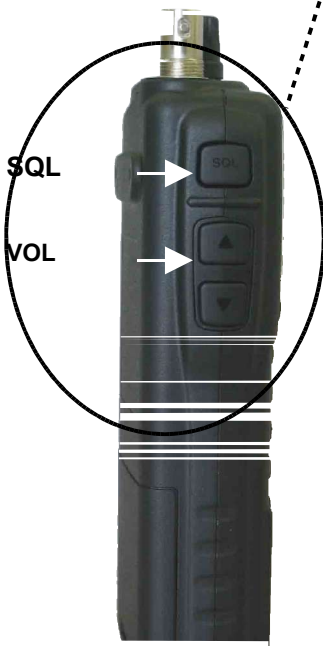


Multi-angle telescopic rod antenna

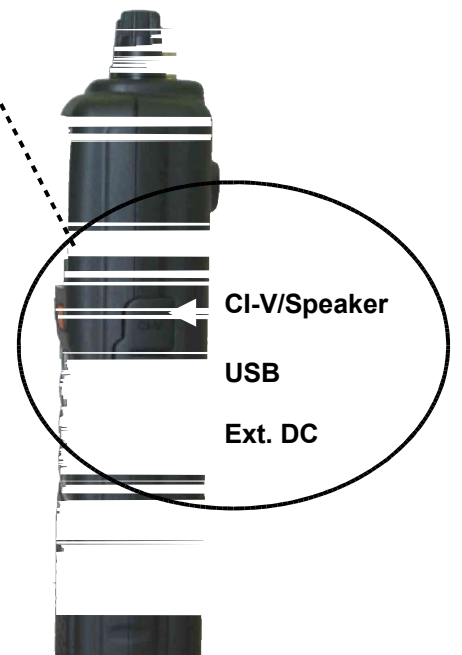
BNC type antenna connector



Large Dot-matrix LCD  
Displays dual band  
information, channel  
comment etc.



IC Recorder function keys



***All stated specifications are subject to change without notice or obligation. Mistakes, errors, etc. possible. No official information. Information found in the web!***