

# NEW!

# HR-220M

## VHF MURS, Analog, 2-Way Portable Radio

### Dependable, Cost Effective

Full-featured, small, lightweight, and \*software programmable to best fit your needs. Ideal for job site communications.

### Features:

- Easy-to-Read Display (1.77" TFT LCD Color Display)
- Analog, Narrow Band, Simplex Only Operation
- Model:
  - VHF MURS, 2 Watt, 7 VHF MURS Frequencies, License-Free Business Use
- 20 Channel Capability with Channel Number Voice Prompt
- Small Size: 4.5" H x 2" W x 1.125" D
- Weight w/ Battery: 9.5oz
- 14 Hour Battery Pack w/ Low Batter Alert
- Loud Audio Output - 1000mW
- Audio Accessory Connector (Type: Multi-Pin Side Mount)
- INGRESS PROTECTION RATING:
  - IP68 Certified Resistance to Water/Dust
- 6 Programmable Function Buttons (PFB)
- Channel Scan: Priority and Normal
- CTCSS/DCSS Encode/Decode:
- DTMF, Selcall and 2-Tone (300-3000Hz), Encode Only
- Radio Status Icons
- VOX Hands-Free Capability
- Regulatory Approvals:
  - FCC\*\*



## HR-220M VHF MURS

License-Free Business

### Each HR Radio Includes:

- Rechargeable Battery Pack (1800mAh)
- Spring-Action Belt Clip
- Antenna, 6"
- 3-Hour Drop-In Charging Tray
- 110-220V AC Adapter

For VHF and UHF License-Required Frequency Band Models  
See [HR-330](#) and [HR-550](#) Models.

Default Settings						
Channel	VHF MURS Freq. MHz	Ritron Table Freq. Code #	Tone HZ	Ritron Tone Code #	TX PWR	Bandwidth
1	151.8200	19	77	4	2 Watts	Narrow 12.5KHz
2	151.8800	20	77	4	2 Watts	Narrow 12.5KHz
3	151.9400	21	77	4	2 Watts	Narrow 12.5KHz
4	154.5700	23	77	4	2 Watts	Narrow 12.5KHz
5	154.6000	22	77	4	2 Watts	Narrow 12.5KHz
6	154.5700	02	77	4	2 Watts	Wide 25KHz
7	154.6000	01	77	4	2 Watts	Wide 25KHz



\*\*Per FCC Repeater Operation NOT Permitted.

\*Requires Programming Cable (60201144)  
\*Download Free Programming Software at [www.ritron.com/tools](http://www.ritron.com/tools)

Radio Specs:	
Model:	HR-220M
Freq. Band:	VHF, MURS
Channels	20 Channels
Battery Life	13 Hours @ 90/5/5 Duty Cycle
Battery Recharge Time	3 Hours
Dimensions	4.5" H x 2" W x 1.125" D
Screen Size and Type	1.77" TFT LCD Color Display
Weight	9.5oz
Signaling	CTCSS DCSS (Encode Only: DTMF, SelCall, 2-Tone) Compatible w/ Ritron GateGuard System
Scrambler	Voice Inversion
Programmable Function Buttons	6
Transmitter TX Power	2 Watt, 1 Mile Line-of-Site No Obstructions
Receiver Sensitivity	.25uV
Audio Output Power	1 Watt
Applicable Environmental Ratings	INGRESS PROTECTION RATING: IP68, Resistance to Water/Dust
FCC ID	AIERIT57-220M



**Each Radio Includes:**  
Flex Antenna, Spring-Action Belt Clip, Rechargeable Battery, Drop-in Charger Stand & 110-220V AC Adapter



Multi-Pin Audio Accessory Jack



**BC-6PR-KIT**  
6 Unit Charger Kit. DOES NOT include individual radio charging stands. Charging stands come standard with each HR Series radio.



**Optional 3" Antenna**  
VHF: AF-X155S



Slide On/Off Battery Pack & Spring-Action Belt Clip



**RSM-11HR**  
Remote Speaker Mic



**RHD-17X**  
Earset Lapel Mic



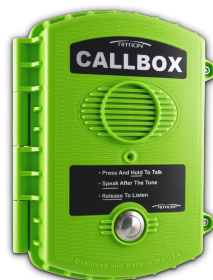
HR Series Programming Cable (60201144)

## Compatible Solutions

Made In USA Products



**Radio-to-Intercom Bridge**  
Make PA announcements through your wired PA System with your 2-way radios



**Q Series Callbox**  
Fixed-location, battery powered 2-way radio



**Loudmouth Wireless PA**  
Stand-alone Mass Notification System. Make PA Announcements using your 2-way radio



**Desk Top Base Station**  
AC powered 2-way radio. Always Ready, Always There, Always On

