

RITRON®

NEW

HR Series Portable 2-Way Radio

Rugged,
Lightweight
DMR Digital/Analog



VHF HR-330



UHF HR-550

Features:

- Easy-to-Read Display (1.77" TFT LCD Color Display)
- Dual mode, DMR Digital/Analog Narrow Band
- TDMA, Tier-2, Conventional (Simplex or Repeater) Capability
- VHF, 5/2 Watt, 136-174MHz
- UHF, 4/2 Watt, 400-470MHz
- TDMA Direct Mode: Supports 2 slot operation in a single 12.5KHz channel
- 1024 Channels Max
- 1000 Contacts / 64 RX Groups / 32 Contacts Per RX Group
- Channel Number Voice Prompt
- Small Size: 4.5" H x 2" W x 1.125" D
- Weight w/ Battery: 9.5oz
- Battery Life w/ 90/5/5 Duty Cycle:
 - In Analog Mode: 14Hrs
 - In Digital Mode: 18Hrs
- 1800mAh/13.32Wh, Lithium-Ion Battery Pack
 - Optional 2200mAh/16.28Wh
- Loud, Easy-to-Hear Audio Output - 1 Watt
- Audio Accessory Connector, Multi-Pin Side Mount
- INGRESS PROTECTION RATING:
 - IP68 Certified Resistance to Water/Dust
- 6 Programmable Function Buttons (PFB)
- Channel Scan
- Signaling:
 - Analog: DTMF, SELCALL, 2-Tone (Encode Only)
 - Digital: Color Codes/Unit ID/Group ID
- VOX Hands-Free Capability (radio only, no audio accessory)
- 1 Year Factory Warranty



Regulatory Approvals: FCC and IC Industry Canada

*For VHF MURS License Free Model See [HR-220M Model](#).

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Radio Specs:		
Model:	HR-330	HR-550
Freq. Band:	VHF, 136-174MHz	UHF, 400-470MHz
Channels	1024 Channels Max, 32 Zones, 32 Channel Zone	
Contacts	1000 Total Radio Wide	
RX Groups	64 Radio Wide (up to 32 Contacts per RX Group)	
Operating Temperature	-30°C to +60°C	
Battery Life - 1800mAh	Display Off: 11hr (Analog), 14hr (Digital) Display On: 10hr (Analog), 13hr (Digital)	
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	Analog: DTMF, SELCALL, 2-Tone (Encode Only) Digital: Color Codes, Unit ID, Group ID	
Encryption	16 Bit, Digital Mode Only AES256/ARC4	
Programmable Function Buttons	6	
Transmitter TX Power	2 Watt / 5 Watt	2 Watt / 4 Watt
Receiver Sensitivity	Analog: .22uV / -120dBm (12dB SINAD) Digital: .25mV / -118dBm (BER 5%)	
Audio Output Power	1 Watt	
Regulatory Approvals	FCC-Part 90, IC Industry Canada-RSS119	
FCC ID#	AIERIT57-330	AIERIT57-550
ISED Canada	1084A-RIT57330	1084A-RIT57550



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



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



Multi-Pin Audio Accessory Jack



Optional 3" Antenna
UHF: AF-X460S
VHF: AF-X155S



RHD-17X
Earset Lapel Mic



RSM-11HR
Remote Speaker Mic



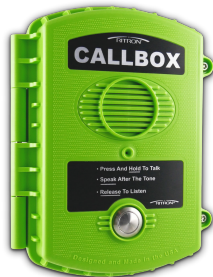
HR Series Programming Cable (60201144)

Compatible Solutions

Made In USA Products



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



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

