

THINKING IN

Introducing the PT Series. Powerful, tough, and so ergonomically correct, we call it handy.



SHOWN ACTUAL SIZE

Ritron's new lightweight and ultra small portable radio is the perfect solution for virtually any 2-way radio use. From basic job site applications to in-plant repeater systems to sophisticated users that require selective signaling, the PT Series Portable Radio is feature-rich and reliable. And it fits your budget as well as your hand.

Features:

- **NEW!** Thinner Size, Easier to Hold - 4.5" H x 2.2" W x 1" D
- Lightweight – only 10 oz.
- **NEW!** 9 Programmable Function Buttons / PC Programmable
- **NEW!** Narrower Frequency Channel Steps
VHF: 2.5/12.5kHz UHF: 2.5/6.25/12.5kHz
- **NEW!** 255 Channels (Channel Scan/Priority Scan/Scan Resume)
- 13 Hour Battery Pack with Low Battery Alert
- **NEW!** Louder Audio Output – 1000mW
- MIL-STD 810 F – Temperature, Humidity, Shock, Vibration
- IP65 - Resistance To Dust, Water
- Alphanumeric LED Display
- Screw-on Audio Accessory Connect
- CTCSS/DCS, Selcall 3 to 7 Tone
- **NEW!** 2-Tone Decode 300-3000Hz
- DTMF Encode
- Emergency Call Button
- Status Icons
- VOX



Each radio includes spring-action belt clip, flex antenna, 1800mAh Li-ion battery and rapid rate charger.

FCC Narrow Band Compliant

VHF, 5/1 Watt, 136-174MHz*

UHF, 4/1 Watt, 406-470MHz*

Go Beyond Normal Limits...™



*Standard antennas are supplied with each radio are optimized as follows: VHF 150-156MHz and UHF 450-470MHz, operation on frequencies outside these ranges will require a different antenna.

The PT Series is Compatible With These Ritron Products!



Mass Notification



RPM 60 Series Mobiles



Liberty Repeater



Callboxes

SPECIFICATIONS:

GENERAL Model	VHF PT-150	UHF PT-450
FCC ID	R72EP100	AIERIT29-450
IC (Industry Canada)	Pending	1084A-RIT29450
Frequency Band	136-174MHz	406-470MHz
Channel Band Width	12.5kHz/25kHz	
Channels:	255 Channels	
Battery Life:	13 Hour Battery Life	
Frequency Stability:	+/- 2.5 PPM	
Channel Spacing:	7.5/12.5/15/25/30kHz	12.5/25kHz
Synthesizer Steps:	2.5kHz	6.25kHz
Dimensions:	4.5"H x 2.2"W x 1"D	
Weight:	10 oz. w/ Battery	
Signaling:	CTCSS/DCS/3 to 7 Tone Selcal/ 2-Tone Sequential (300-3000Hz)	
Programmable Function Buttons:	8	
TRANSMITTER		
RF Power:	1 Watt/5Watt	1Watt/4Watt
Spurious Emissions:	-36dB	
Hum and Noise:	40dB	
Audio Distortion:	<5% 1 kHz deviation	
RECEIVER		
Audio Distortion:	<5%	
Sensitivity (@ 12dB SINAD):	<0.25uV	
Squelch Sensitivity @6 dB SINAD):	<0.2uV	
Audio Output Power:	1000mW@ 20 Ohm, 10% THD	
APPLICABLE Mil-Std & IP / ENVIRONMENTAL		
Military Standard Tested - Method 810F, Procedure 501.4 -Temperature, Humidity, Shock and Vibration		
International Protection Standard - IP65 - Resistant to dust and water.		

Secure, screw-locking audio accessory connector.



Ear Hook Earset RHD-15x



Remote Speaker Mic RSM-6x



FALCONDIRECT
We Keep You Connected



Gang Charger BC-6PT

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