

TRUST

PT Series 2-Way Radios. Powerful. Tough. Reliable.



Ritron's 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!** VHF MURS License-Free Model
- Thinner Size, Easier to Hold - 4.5" H x 2.2" W x 1" D
- Lightweight – only 10 oz.
- 9 Programmable Function Buttons / PC Programmable
- Narrower Frequency Channel Steps
VHF: 2.5/12.5kHz UHF: 2.5/6.25/12.5kHz
- 8 Channels (PT-150M MURS), 255 Channels (PT-150/450)
- Channel Scan/Priority Scan/Scan Resume
- 13 Hour Battery Pack with Low Battery Alert
- Louder Audio Output – 1000mW
- MIL-STD 810 F – Temperature, Humidity, Shock, Vibration
- IP65 - Resistance To Dust, Water
- Alphanumeric LED Display
- Screw-on Audio Accessory Connector
- CTCSS/DCS, Selcall 3 to 7 Tone
- **NEW!** 2-Tone Decode 300-3000Hz
- DTMF Encode
- Emergency Call Button
- Status Icons
- VOX

FCC Narrow Band Compliant

VHF, 2 Watt, MURS License-Free*

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

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



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

- Free MURS PC Programmer download at ritron.com>Service>Tools. Requires purchase of radio to PC programming cable #214BE001.
- Basic radio parameters (e.g. tone signaling by channel) re-configurable using buttons on the PT-150M radio. No tools required.
- PT-150M operates on MURS frequencies only.

Go Beyond Normal Limits...SM

RITRON[®]
WIRELESS SOLUTIONS

Ritron Offers a Variety of Compatible and Cost-Effective Wireless Products!



LoudMouth® Wireless PA for Mass Notification



Radio Callboxes



Liberty™ Radio Repeater



DoorCom® Wireless Intercom

SPECIFICATIONS:

| Model: | PT-150M Part 95, License-Free | PT-150 Part 90, Licensed | PT-450 Part 90, Licensed |
|--|----------------------------------|---|-----------------------------|
| FCC ID: | AIERIT29-150M | R72EP100 | AIERIT29-450 |
| IC (Industry Canada): | ----- | ----- | 1084A-RIT29450 |
| Frequency Band: | 5 MURS Frequencies | 136-174MHz | 406-470MHz |
| Channel Band Width: | 12.5kHz | 12.5kHz | 12.5kHz |
| Channels: | 8 | 255 | 255 |
| Battery Life: | | 13 Hour Battery Life | |
| Frequency Stability: | | +/- 2.5 PPM | |
| Channel Spacing: | 7.5/12.5/15kHz | 7.5/12.5/15kHz | 12.5kHz |
| 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: | 2 Watt | 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

MURS Frequencies

151.820
151.880
151.940
154.600
154.570

6 Unit Gang Charger

Metal Frame and 110-220VAC adaptor.
Accepts charging stands included with each PT Series Radio.
Does NOT include charging stands.



Your Ritron Dealer:

Go Beyond Normal Limits...™



P.O. Box 1998, Carmel, IN 46082 • PH: 317-846-1201 • FX: 317-846-4978

email: ritron@ritron.com • www.ritron.com

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