Portable 2-Way Radios

Pick the Ritron portable radio that's right for you!

NT-Series: A full-featured portable radio for operations that need more channels, controls, and configuration options. Only available in Analog.

PR-Series: A basic portable radio, no display. For operations that need reliable voice communication without extensive channel or feature requirements. Available in Analog/Digital and VHF MURS.

HR-Series: A highly capable portable radio for operations that need maximum channel capacity, a full-color display, and more advanced controls and functionality. Available in Analog/Digital and VHF MURS.

Radio Model	VHF MURS	VHF	UHF	Analog	Digital Tier-2 Conventional
PR-10M	✔	-	-	✔	-
NT-152M	✔	-	-	✔	-
NT-174	-	✔	-	✔	-
NT-470	-	-	✔	✔	-
PR-1317DMR	-	✔	-	✔	✔
PR-4047DMR	-	-	✔	✔	✔
HR-220M	✔	-	-	✔	-
HR-330	-	✔	-	✔	✔
HR-550	-	-	✔	✔	✔

Every radio includes: spring-action belt clip, battery, antenna, AC adaper, and charging tray.

NT Series PR Series HR Series

Follow Our Portable Radio Guide

"I have an existing radio system."

- **Identify which frequency band your radios operate in.** VHF MURS, VHF, or UHF
- **Identify the mode your radios operate in.** Analog, DMR Digital, or *NXDN Digital
- **Use the chart above to find the radio that fits your needs.**

Examples:

1. If you operate on VHF MURS, then the PR-10M, NT-152M, and HR-220M may work with your existing radios.
2. If you operate on UHF and DMR Digital, then the PR-4047DMR or HR-550 may work with your existing radios.
3. If you operate in VHF and DMR Digital, then the PR-1317DMR and the HR-330 may work with your existing radios.

**We do not offer an NXDN Digital portable as of 8/26/2026.*

"I don't have an existing radio system."

Choosing Your Freqency Band

VHF: generally provide better coverage across open terrain
UHF: generally perform better around and through building structures and radio repeaters.
VHF MURS: Best for **simplex on-site communiations with no repeater. Does not require FCC license.

Choosing Your Communication Mode

Analog: Simple on-site communication that is effective and compatible with legacy radio systems.

DMR Digital (Tier-2, Conventional): More secure and best for large, multi-story facilities. Allows individual and group calling.

***Simplex: TX & RX frequencies are the same.*

Now, you know your frequency and mode. View the back for a breakdown of each model's key specs to narrow down which model you need.

VHF MURS, Analog, License-Free Models

Specs	PR-10M, MURS	NT-152M, MURS	HR-220M, MURS
Channels / Groups	32 channels	255 channels	20 channels
Contacts	N/A	N/A	N/A
Simplex Only	Simplex	Simplex	Simplex
Analog Selective Signaling	N/A	Encode Only: DTMF/SelCall/2-Tone	Encode Only: DTMF/SelCall/2-Tone
Display	None	14-character LCD, backlit	Full-color LED
Programmable Buttons	3	8	6
Size	4.5" H × 2" W × 1.25" D	4.5" H × 2.2" W × 1" D	4.5" H x 2" W x 1.125" D
Weight	9.5 oz. w/ battery	10 oz. w/ battery	9.5oz w/ battery
Pricing	$	$$	$$

VHF, Analog, License-Required Models

Specs	PR-1317DMR, 136-174MHz	NT-174, 136-174MHz	HR-330, 136-174MHz
Channels / Groups	32 channels	255 channels	1024 channels
Contacts	48 contacts / 5 RX groups	N/A	1,000 contacts / 64 RX groups
Simplex / Repeater	Simplex or Repeater	Simplex	Simplex or Repeater
Analog Selective Signaling	N/A	Encode Only: DTMF/SelCall/2-Tone	Encode Only: DTMF/SelCall/2-Tone
Display	None	14-character LCD, backlit	Full-color LED
Programmable Buttons	3	8	6
Size	4.75" H × 2" W × 1.25" D	4.5" H × 2.2" W × 1" D	4.5" H x 2" W x 1.125" D
Weight	9.5 oz. w/ battery	10 oz. w/ battery	9.5 oz. w/ battery
Pricing	$$	$$	$$

UHF, Analog, License-Required Models

Specs	PR-4047DMR, 400-470MHz	NT-470, 400-470MHz	HR-550, 400-470MHz
Channels / Groups	32 channels	255 channels	1024 channels
Contacts	48 contacts / 5 RX groups	N/A	1,000 contacts / 64 RX groups
Simplex / Repeater	Simplex or Repeater	Simplex	Simplex or Repeater
Analog Selective Signaling	N/A	Encode Only: DTMF/SelCall/2-Tone	Encode Only: DTMF/SelCall/2-Tone
Display	None	14-character LCD, backlit	Full-color LED
Programmable Buttons	3	8	6
Size	4.75" H × 2" W × 1.25" D	4.5" H × 2.2" W × 1" D	4.5" H x 2" W x 1.125" D
Weight	9.5 oz. w/ battery	10 oz. w/ battery	9.5 oz. w/ battery
Pricing	$$	$$	$$

VHF, Analog/Digital, License-Required Models

Specs	PR-1317DMR, 136-174MHz	HR-330, 136-174MHz
Channels / Groups	32 channels	1024 channels
Contacts	48 contacts / 5 RX groups	1,000 contacts / 64 RX groups
Simplex / Repeater	Simplex or Repeater	Simplex or Repeater
Digital Selective Signaling	Color Codes/Unit ID/Group ID	Color Codes/Unit ID/Group ID
Display	None	Full-color LED
Programmable Buttons	3	6
Size	4.75" H × 2" W × 1.25" D	4.5" H x 2" W x 1.125" D
Weight	9.5 oz. w/ battery	9.5 oz. w/ battery
Pricing	$$	$$

UHF, Analog/Digital, License-Required Models

Specs	PR-4047DMR, 400-470MHz	HR-550, 400-470MHz
Channels / Groups	32 channels	1024 channels
Contacts	48 contacts / 5 RX groups	1,000 contacts / 64 RX groups
Simplex / Repeater	Simplex or Repeater	Simplex or Repeater
Digital Selective Signaling	Color Codes/Unit ID/Group ID	Color Codes/Unit ID/Group ID
Display	None	Full-color LED
Programmable Buttons	3	6
Size	4.75" H × 2" W × 1.25" D	4.5" H x 2" W x 1.125" D
Weight	9.5 oz. w/ battery	9.5 oz. w/ battery
Pricing	$$	$$

***NOTE**: All models feature Analog CTCSS/DCSS encode and decode*

*Optional Portable Radio Accessories

- Ear Loop w/ PTT Microphone
- 6 Unit Gang Charger
- Spearker microphone
- Replacement Battery
- Replacement Belt Clip
- Programming Cables
- Drop-in Charging Tray

*Accessory options depend on the portable radio model. Please visit www.ritron.com/radio-accessories for more info or call us at 1-800-872-1872

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