

TRU TALK

MURS Two-Way Radios

Multi User Radio Service "MURS" radios operate on license-free VHF frequencies, and offer more than double the power and talking range of FRS (Family Radio Service) radios! These are the radios of choice for outdoor enthusiasts, small businesses and others who need a durable, reliable two-way communications.

Choice of two models; the MURS-25 with 5 channel operation and built-in NOAA Weather Radio frequencies; and the MURS-22, a 2-channel radio with 5 pre-programmed frequencies. Both are fully compatible with other two-way radios operating on the MURS VHF frequencies.

FEATURES COMMON TO BOTH RADIOS

- Full 2 Watts of power provides strong, clear long-distance conversations up to 5 miles!*
- Rechargeable 750 mAh NiMH battery provides up to 8 hours of use
- Locking accessory connector
- Built in repeater capability
- Durable die-cast aluminum chassis, polycarbonate case
- Automatic squelch function and power save mode
- Audible alert tones for low battery and time-out-timer functions
- Tri-color LED identifies current radio status
- One Year Warranty

Radios include:

- VHF Antenna
- Rechargeable 750 mAh NiMH Battery Pack
- Desktop Charger
- Belt Clip
- Owner's Manual

*Distance will vary, depending on geography and environment

MURS-22

The MURS-25 is also a

NOAA
Weather Radio



MURS-25 PRODUCT FEATURES

- 5-Channel operation from pre-programmed MURS frequencies
- 38 Standard and 11 non-standard CTCSS tones, 104 DCS tones
- Receives one or more of 7 National Weather Service frequencies
- Weather alert function
- Large, user friendly LCD
- Scan modes for channel, vacant channel and weather
- Optional voice activated (VOX) operation
- Selectable beep tone
- Busy channel lockout
- Talk confirmation tone
- Keypad lock
- Channel up / down buttons

MURS-25 CHANNEL FREQUENCIES

1 151.8200 MHz	4 154.5700 MHz
2 151.8800 MHz	5 154.6000 MHz
3 151.9400 MHz	

MURS-25 WEATHER FREQUENCIES

1 162.5500 MHz	5 162.4500 MHz
2 162.4000 MHz	6 162.5000 MHz
3 162.4750 MHz	7 162.5250 MHz
4 162.4250 MHz	

MURS-22 PRODUCT FEATURES

- 2-Channel operation from 5 pre-programmed MURS frequencies
- 38 Standard and 11 non-standard CTCSS tones
- Designed to MIL-STD (Military Standards) for durability

MURS-22 CHANNEL FREQUENCIES

151.8200 MHz*	Default channel 1: 154.5700 MHz
151.8800 MHz*	Default channel 2: 154.6000 MHz
151.9400 MHz*	

* User selectable frequencies

ACCESSORIES / OPTIONS

Compatible with MURS-25 and MURS-22:

- VHF / UHF Mobile mount antenna (WTA-4VU)
- High capacity 1350 mAh NiMH battery pack (ACC-204)
- Single unit, "fast" desktop charger (ACC-422)
- Ultra-lite Headset with locking connector (ACC-616)
- Earbud speaker microphone with locking connector (ACC-706)
- Lapel speaker microphone with locking connector (ACC-726)
- Ear speaker for use with ACC-726 (WTA-9F)
- Heavy duty speaker microphone with audio earphone jack (ACC-727)

Compatible with MURS-22 only:

- Heavy duty leather case (ACC-302)
- Nylon Case (ACC-303)

SPECIFICATIONS

GENERAL

FCC Classification:	Multi User Radio Service (MURS)
FCC Licensing Requirements:	No license required
Operating Channels:	
MURS-25	5 VHF; 7 NOAA Weather
MURS-22	2 (From 5 user selectable VHF frequencies)
Frequency Range:	151.8200 - 154.6000 MHz
Repeater Frequencies:	
TX	154.6000 MHz
RX	154.5700 MHz
Channel Spacing:	
151.8200 MHz	11.25 kHz
151.8800 MHz	11.25 kHz
151.9400 MHz	11.25 kHz
154.5700 MHz	12.5 kHz
154.6000 MHz	12.5 kHz
RF Output Power:	2 Watts
Power Source - options:	750 mAh NiMH Battery pack 1350 mAh NiMH Battery pack (model ACC-204, sold separately)
Battery Life (from 750 mAh battery pack):	Up to 8 hours (90-5-5 duty cycle)
Voltage:	7.2V ± 20%
Operating Temperature:	-22° F to +140° F (-30° C to +60° C)
Dimensions (H x W x D) (without antenna):	4-7/8" x 2-1/4" x 1-1/4" (125 x 58 x 32 mm)
Weight (without battery):	11.6 oz. (330 g)

Specifications are subject to change without notice.

For more information, contact:

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Topaz₃

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