



V3 Dual Band Handheld Radio

User Guide

SCAN FOR COMPLETE
USER MANUAL



Radio Functions

Changing Channels

Use [^v] to scroll through the channels until you have reached your desired channel. To avoid accidental changes, always lock.

Please note: Channels 16-22 are LISTEN ONLY

Dual Monitor

The V3 normally displays and monitors (listens to) one channel at a time. Enabling Dual Monitor allows you to listen to two channels at once and transmit on the selected channel, A or B (top or bottom).

- To enable Dual Monitor, press [⚙], [3], [⚙]. Then press [v] to turn on. Press [⚙] to save and [EXIT] twice to leave the menu.
- To alternate between the top and bottom channels, press A/B.

Keypad Lock/Unlock

- To lock the keypad, press and hold lock symbol [🔒] on keypad until lock symbol [🔒] appears.
- To unlock, press and hold lock symbol [🔒] until lock symbol [🔒] disappears.
- To turn on Auto Lock, press [⚙], [8], [⚙] followed by either [^v] and [EXIT] twice to leave the menu. This feature locks the radio keypad if there is no key operation for 5 seconds.

FM Radio Mode

- To activate FM Radio listening, press [FM].
- Use [^v] or keypad to tune the desired frequency.
- Press [FM] to exit FM Radio mode.

2-Pin Mic/Accessory Port

The jack provides connections points for microphone audio, earphone audio speaker and program cable.

Push-To-Talk (PTT)

Press it to transmit and release it to receive after your transmission is completed.

Monitor A Channel

Hold [MONI] to temporarily change the squelch to zero allowing you to hear very weak signals.

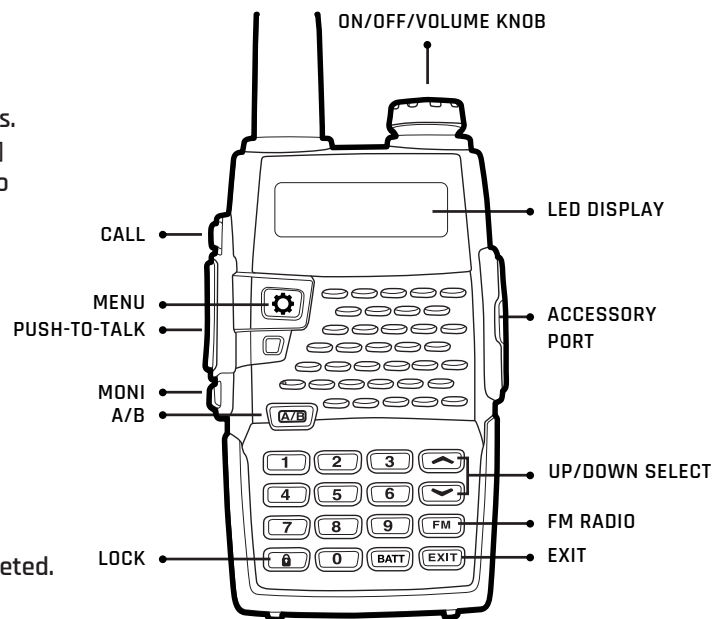
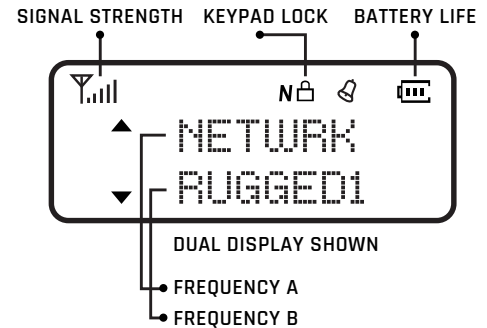
Programming

For custom programming software, please contact:

RT Systems

800.921.4834

rtsystemsinc.com



Listen-Only Channels: Rugged Radios has licensed a variety of frequencies for our customers. However VHF channels 16-22 are licensed by various businesses, organizations, and governmental entities. Rugged Radios allows access to these channels as listen-only. Users are prohibited from transmitting on these channels.

Licensing: Rugged two-way radios operate on frequencies regulated by the Federal Communications Commission (FCC). A license is required to transmit on these frequencies. To ensure compliance with federal regulations, Rugged Radios licenses 10 nation-wide commercial band frequencies and 60 user specific commercial frequencies. Under this FCC license, Rugged Radios' customers are authorized to transmit on Rugged brand mobile and handheld radios only, on pre-programmed frequencies designated by its license. These frequencies/channels are available to transmit for business, recreational, or race use. For the latest information regarding the Rugged Radios license, visit www.RuggedRadios.com

Safety: This radio generates RF electromagnetic energy during transmit mode. This radio is designated for and tested as "Occupational Use Only," meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards. This radio is not intended for use by the "General Population" in an uncontrolled environment. This radio has been tested and complies with the FCC RF exposure limits for "Occupational Use Only". In addition, this radio complies with the following standards and guidelines with regard to RF energy and electromagnetic energy levels and evaluation of such levels for exposure to humans: FCC OET Bulletin 65 Edition 97-01 Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields, American National Standards Institute (C95.1-1992), IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3kHz to 300 GHz, American National Standards Institute (C95.3-1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields-RF and Microwave. The following accessories are authorized for use with this product: use of accessories other than those (listed in the instruction) specified may result in RF exposure levels exceeding the FCC requirements for wireless RF exposure.

To ensure that your exposure to RF electromagnetic energy is within the FCC allowable levels for occupational use, always adhere to the following guidelines: DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or antenna specifically authorized by the manufacturer for use with this radio. DO NOT transmit for more than 50% of total radio use time in the case one cause FCC RF exposure compliance requirements to be exceeded. The radio is transmitting when the 'TX' indicator lights up red. You can cause the radio to transmit by pressing the PTT switch. ALWAYS keep the antenna at least 2.5 cm (1 inch) away from the body when transmitting, and only use the provided belt-clip to ensure FCC RF exposure compliance requirements are not exceeded. If you provide the recipients of your transmission the best sound quality, hold the antenna at least 5 cm (2 inches) from your mouth, and slightly off to one side. The information in this guide provides the user with the information needed to make him or her aware of RF exposure and what to do in order to assure this radio is operated safely within the FCC exposure limits.

Electromagnetic Interference/Compatibility During Transmission: Your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so. DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

Occupational/Controlled Use: The radio transmitter is used in situations in which users are aware of the potential for exposure and can exercise control over their exposure.