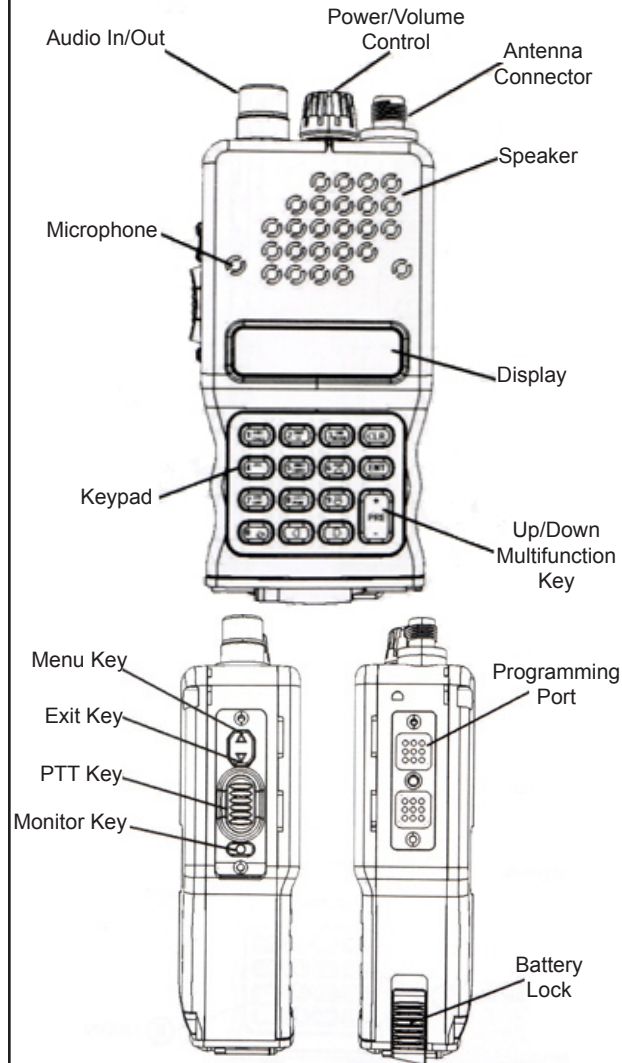


# TRI AN/PRC-152 Multi-Band MultiMission Radio Quick Reference Guide

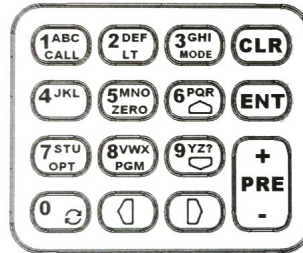


## INITIAL SET-UP

1. Attach a charged battery to the twist-on connector on the base of the radio. Ensure that the battery is locked in position.
2. Screw the appropriate antenna (30-90MHz or 30-512MHz) to the TNC antenna connector.
3. Use the Power/Volume Control knob on top of the radio to turn on the radio. Use the same knob to adjust the volume. If a headset or other external audio device is attached, check for function at this time.

## CONTROLS and KEYPAD

**Controls:** Push-To-Talk (PTT) key, menu and exit/ alarm key, and monitor key on the left side. A 15-key keypad on the front, and a volume control knob on the top of the radio.

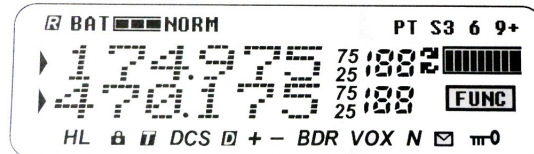


### Keypad:

**Primary Keys:** [Menu Key] opens the radio menu. [Exit Key] exits the menu. [+PRE-] changes the frequency selected in channel mode. [ENT] switches between bands, and if held down starts FM radio operations. Hold down [CLR] to lock/unlock the keypad. Keys [0-9] are for input.

## BASIC OPERATION

After the radio is turned on, and the initial self-test is successfully completed, the default display appears:



An explanation of each display item appears on the right. Note that not every indicator will be present depending on the mode.

S3 6 9+



188

174.975  
470.175

N

PT

DCS

[ ]

HL

BDR

VOX

m0

[ ] [ ]

- Signal strength indicator.** Shows only during TX or RX of audio.
- [ ]** Indicates the channel order in channel mode, or menu order when in the menu.
- 188** Displays the RX and TX frequency, FM radio frequency, or menu/text items.
- N** Narrowband indicator. When this is present, radio is transmitting in narrowband.
- PT** CTCSS indicator. When this is present, the radio is transmitting a CTCSS signal.
- DCS** DCS indicator. When this is present, the radio is transmitting a DCS signal.
- [ ]** Radio RX Indicator. When present, the radio is receiving a transmission.
- HL** Power indicator. H is for High Power TX, L is for Low Power TX.
- BDR** Dual-Band Indicator. When this is blinking dual band standby mode is on.
- VOX** VOX Indicator. Present when VOX mode is activated.
- m0** Lock Indicator. When present, the keypad is locked. Hold [CLR] to lock/unlock.
- [ ] [ ]** Unused display items. Not supported with the current firmware.

## KEY TERMS

- TX/RX** - Transmission / Reception or Transmitting / Receiving. Refers to the radio operation.
- Narrowband** - A technology that uses a minimal amount of bandwidth. This is the FCC standard for commercial radios and applies within the United States of America.
- CTCSS** - Continuous Tone-Coded Squelch System. This filters out anyone without the same CTCSS code. This is also referred to as a 'privacy code.'
- DCS** - Digital Code Squelch. An improved version of CTCSS. This is also referred to as a 'privacy code.'
- VOX** - Voice Operated Switch. Designed to transmit only when triggered by human speech. Not recommended for use in loud environments.

Note: This quick reference guide only applies to the TRIUMPH INDUSTRIES (TRI) copy of the AN/PRC-152, and is not an official reference manual.