

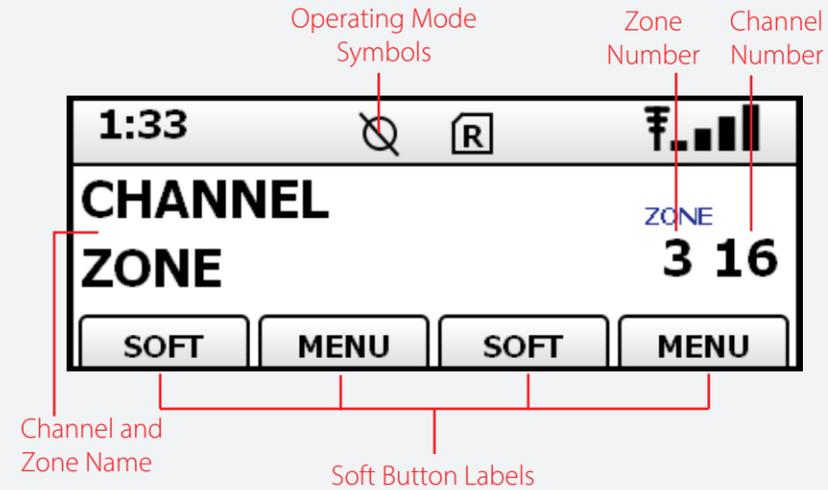
FRONT PANEL CONTROLS



| | |
|---------------------|---|
| Power Switch | Press to switch the VM5000 on or off. |
| Illumination Sensor | [Reserved for future use] |
| TX / RX Indicator | The indicator lights in different colors to indicate the current status of the VM5000: Lights red while transmitting. Lights green while receiving. |
| + / - Buttons | Press to activate these buttons' programmed functions. The default functions are Volume Up / Volume Down. |
| ▲ / ▼ Buttons | Press to activate Channel Up/Down or Zone Up/Down. |
| Speaker | Internal speaker |
| Microphone Jack | Insert the microphone plug into this jack. |
| Auxiliary Buttons | Press to activate these buttons' programmed functions. |
| Select Button | Press the button to toggle between Zones and Channels. For Menu mode, press to select the highlighted item. |

DISPLAY MODES

The VM5000 incorporates a highly readable display. The display is an LCD, with 422 x 154 pixels. The illustration below shows a typical display including channel and zone indicators. This mode presents dual lines of text, consisting of up to sixteen characters. A row of icons is shown above the two lines of text, and a row of menu labels is shown below.



The next illustration shows the channel and zone indicators inhibited. This mode displays up to 16 characters in each line of text.



DISPLAY ICONS

The display uses a set of symbols, or icons, to present the operator with information about radio status and operator mode. Icons marked by * appear if you program **Show Tx/Rx Icon** in Armada.

| | |
|--|--|
| | Keypad programming/edit mode. Displayed when the radio is in a mode where you can edit radio settings. |
| | Monitor mode enabled |
| | Repeater Talk-Around mode enabled |
| | Scan Enabled |
| | Security Enabled |
| | The current channel is not in the enabled scan list (only when in scan edit mode) |
| | The current channel is in the enabled scan list (only when scan is on or when in scan edit mode) |
| | The current channel is the priority channel in the enabled scan list (only when scan is on or when in scan edit mode) |
| | The current channel is the priority 2 channel in the enabled scan list (only when scan is on or when in scan edit mode) |
| | Interconnect mode enabled (phone mode) |
| | Private call mode enabled |
| | P25 data context enabled (radio is ready for data operations) |
| | P25 data package is being sent/received |
| | Radio is registered with the Data Registration Server (DRS) |
| | Site lock mode |
| | Signal strength (indicates an acceptable site, and may range from four bars to no bars) |
| | GPS link active |
| | Call history (only when radio is in conventional unit call, call alert or text messaging and an applicable unit ID is selected.) |

DISPLAY ICONS (Continued)

| | |
|--|--|
| | Text message mode active |
| | Radio wide scan mode enabled |
| | Busy (displayed when radio enters a busy transmit state) |
| | * The radio is making a call. |
| | * The radio is receiving a call. |
| | * The radio is making a Phase 2 (TDMA) call. |
| | * The radio is receiving a Phase 2 (TDMA) call. |
| | * The radio is making a Failsoft call. |
| | * The radio is receiving a Failsoft call. |
| | Surveillance mode enabled |
| | The radio is affiliated with a trunking system. |

RADIO SETUP MODE

To enter radio setup mode, press the Radio Setup Entry button (the [-] button) during power up and hold the button until the radio enters radio setup mode. If there are multiple control heads, only the radio being configured enters radio setup mode. The other control heads display the Viking head screen. Configurable parameters include the following:

- Internal speaker enable/disable
- Ignition sense

ZONE AND CHANNEL SELECT

Use the VM5000 front panel controls as follows to select your desired zone and channel:

- Press the **O** button to toggle between the Zone and Channel select modes. The Zone select mode is indicated when the zone label is over the Zone number, and the Channel select mode is indicated when channel label is over the Channel number. The VM5000 can be programmed so that the selection defaults to either the zone or channel display when power is turned on or after a change is made. The return delay is programmable for 1-255 seconds.
- Press the **▲ / ▼** buttons to change the selected zone or channel. Pressing the **▲** button increases the zone or channel, and pressing the **▼** button decreases the zone or channel. After the highest zone or channel is displayed, continue to press the **▲** button to redisplay the lowest zone or channel. If an unprogrammed channel is selected, "UNPROGRAMD" is displayed and a tone sounds. The VM5000 may be programmed so that only programmed channels are selected.

SETTING VOLUME LEVEL

The volume setting is indicated by a bar graph and a volume number that appear on the display when you press the **+ / -** buttons. Also, you can enable a reference tone as follows:

- If the key press tones are enabled, a short tone sounds when a programmable option button is pressed or the Select button is pressed.
- If a conventional channel is selected and someone is talking, then voice is heard. If the MON (Monitor) is programmed, pressing it may unquench the radio so either voice or background noise is heard.

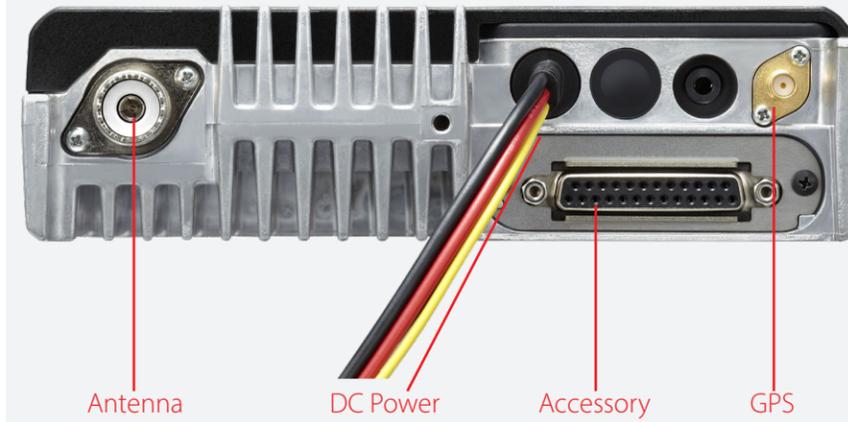
POWER-ON PASSWORD

The power-up password feature prevents unauthorized use of the radio by requiring a password of up to eight-digits be entered to make it operational. If this feature has been enabled, ENTER PSWD is briefly displayed when power is turned on. You are then prompted to enter your password. Press the **▲ / ▼** buttons to enter the desired digit, then press the **O** button to save that digit and move to the next digit. After you enter the last digit, the radio will operate.

BACKLIGHT

If the BKLHT option button is programmed, it can be used to select one of three backlight operating modes: Bright, Dim, or Off. Otherwise the backlight is fixed in one of the three modes by programming..

REAR PANEL CONNECTIONS



| | |
|--|--|
| Antenna | Connector for connecting the antenna. (Your VM5000 might have a different type of antenna connector.) |
| DC Power | Connector for a nominal 12-volt, negative ground power source. (Yellow cable is ignition sense.) |
| Accessory | Connector for optional accessories. Refer to the operating manual for additional information on accessories. |
| GPS | SMA connector for GPS antenna |
|  CAUTION | To avoid damaging the radio, be sure to properly align and orient the keyed plug before inserting it into the Accessory Connector. |



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