

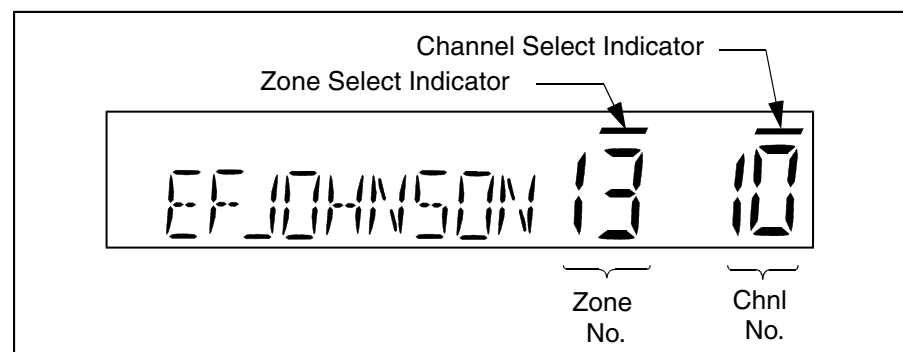
TURNING POWER ON

To turn power off and on, press the On-Off/Volume knob. When power is turned on, the radio goes through a short self test routine. A tone then sounds (if tones are enabled), the selected zone and channel are displayed, and the radio is ready for normal operation. Programming determines if the last selected or a home zone/channel is selected at power up.

POWER-UP PASSWORD

The power-up password feature prevents unauthorized use of the radio by requiring that an 8-digit password 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 the password. Rotate the Select switch to enter the desired number and then press it to move to the next digit. After the last digit is entered, the radio operates normally.

ZONE AND CHANNEL SELECT



The selected zone and channel is changed by the front panel Select switch as follows:

- Press the Select switch to toggle between the Zone and Channel select modes. The Zone select mode is indicated when the bar is over the Zone number, and the Channel select mode is indicated when it is over the Channel number (see above illustration).

The transceiver can be programmed so that the bar 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 1-15 seconds. It may also be programmed to remain in the last selected position.

(Continued)

ZONE AND CHANNEL SELECT (CONTINUED)

- Rotate the Select switch to change the selected zone or channel. Rotating it clockwise increases the zone or channel, and rotating it counterclockwise decreases the zone or channel. After the highest zone or channel is displayed, wrap-around to the lowest zone or channel occurs and vice versa. If an unprogrammed channel is selected, "UNPROGRAMD" is displayed and a tone sounds. The transceiver may be programmed so that only programmed channels are selected.

SETTING VOLUME LEVEL

The relative volume setting can be determined by noting the position of the index on the On-Off/Volume knob. Otherwise, a reference tone can be enabled as follows:

- If the key press tones are enabled, a short tone sounds when an option switch is pressed or the Select switch is pressed or rotated.
- If a conventional channel is selected, take the microphone off-hook and if someone is talking, voice is heard. If the MON (Monitor) option switch is programmed, pressing it may unquiet the transceiver so either voice or background noise is heard.

BACKLIGHT

If the BKLHT option switch is programmed, it selects Bright, Dim, or Off backlight modes. Otherwise, the backlight is fixed in one of these modes by programming.

If the display is difficult to read from the angle you normally view it, the viewing angle can be adjusted. To select the adjust mode, press and hold the last option switch above the display and then press the first option switch (above the display). Then release both switches and turn the Select switch to obtain the best contrast. This function times out in 3-5 seconds.

NOTE: If the display appears blank or if all icons are always displayed, the viewing angle may be improperly adjusted.

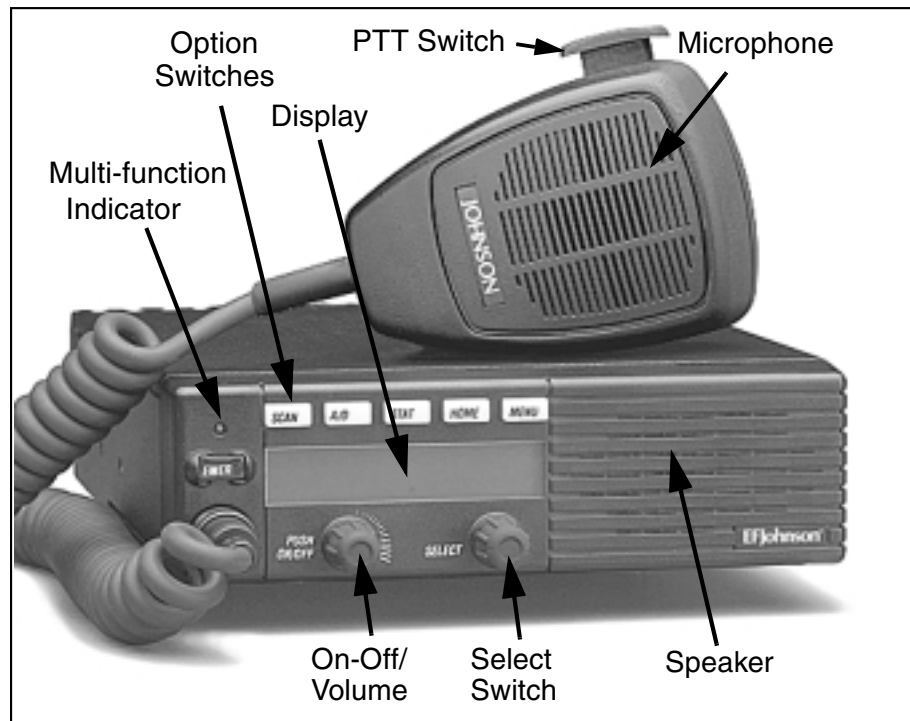
5300 SERIES MOBILE RADIO

- APCO Project 25 – Trunked and Conventional
- SMARTNET®/SmartZone®
- Analog FM Conventional
- Encryption

VHF
UHF
800 MHz



FRONT PANEL CONTROLS



On-Off/Volume — Pressing this control turns power on and off, and rotating it sets the volume level.

Select Switch — Selects zones/channels and is also used for other functions such as selecting names from a call list. Refer to “Zone and Channel Select” which follows for more information.

Multi-function Indicator — This is a two-color LED that indicates the following:

Red (constant) – Transmitter keyed (PTT switch pressed).

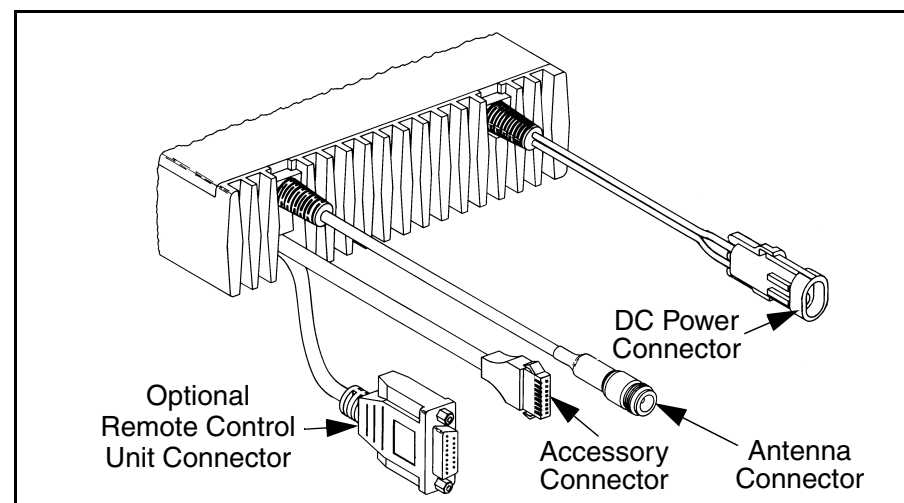
Green (constant) – Busy condition (carrier detected in receive mode).

Option Switches — Each of the six option switches on the front panel (including the one located to the left of the display) can be programmed by your system operator to control some function. The label on the switch may indicate its function.

Speaker — An internal speaker is located behind the grille. An optional external speaker may also be used in which case this speaker is disabled.

PTT Switch — This push-button switch on the microphone is pressed to talk (key the transmitter) and released to listen (receive).

REAR PANEL CONNECTORS



DC Power Connector — Connection point for the nominal 12-volt, negative ground power source.

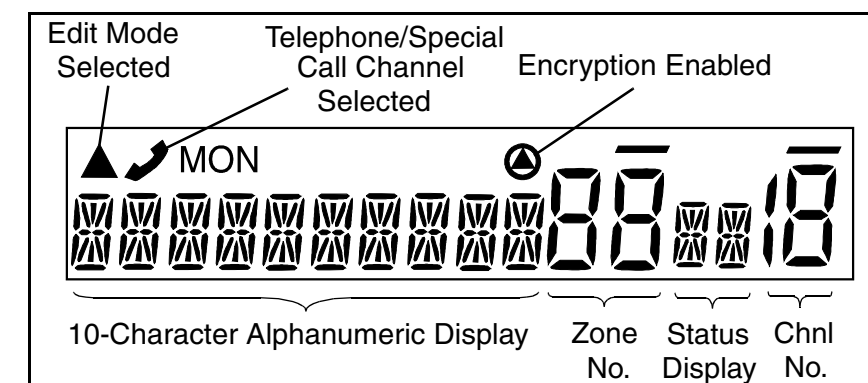
Antenna Connector — Type N connector for connecting the antenna.

Accessory Connector — Connection point for optional accessories such as an external speaker (4-ohm, 12-watt), ignition sense line, and horn alert.

Remote Control Unit Connector — Connection point for a remote control unit if used. This cable is optional with front-mount models.

Siren Connector (Not Shown) — Connection point for an optional siren. This cable is similar in appearance to the accessory connector cable except the connector is yellow/orange instead of black.

DISPLAY





Alphanumeric Display — This 10-character area of the display indicates the alias (unique identification) for the selected zone or channel, depending on which select mode is active. It may also indicate such things as the channel frequency, ID number, and status and error messages.


Zone Number — Indicates the currently selected zone from 1 up to 16. A zone is a collection of channels that can be any combination of channel types.

Channel Number — Indicates the currently selected channel from 1 to 16.


Status Display — These two characters indicate the following status information:

 — This symbol in the left position indicates that the displayed channel is in the scan list (scanned normally).


 — A “P” in the left position indicates that the selected conventional channel is a priority channel.


 — This rotating clock-like symbol in the right position indicates that scanning is enabled.

 — Indicates that a SMARTNET®/SmartZone® telephone call has been initiated.

 — Indicates that voice encryption is enabled.

MON — Indicates that monitoring is enabled by the Monitor option switch or by taking microphone off-hook (conventional operation only). This disables squelch control so that all messages are heard on the channel.

 — The lines above the zone and channel displays indicate which display is changed if the Select switch is turned. To switch this line between displays, press the Select switch. Refer to “Zone and Channel Select” for more information.

 — When this triangle is displayed, the scan list edit or keypad programming mode is indicated.