

SM-6000 *Enduro* series Operations

Power On/Off - Volume:

Turn the radio on by rotating the On/Off - volume control clockwise until you hear a click and, if enabled via Dealer programming, the self test “alert” tone will be heard. SM-6000 will briefly appear in the display. Turn the radio off by rotating the control counter clockwise.

Trunked Mode Operation

Your Maxon SM-6000 *Enduro* series may be programmed to operate with both Trunked and Conventional modes. There are only a few differences in their operation and these are detailed as follows.

Channel Monitoring:

While on a Trunked System, channel monitoring is performed automatically by the radio transceiver. In accordance with the FCC rules, while operating on a Conventional System the channel must be monitored prior to transmitting. In both Trunked and Conventional Systems, operation may vary from System to System. Your Maxon Dealer will be able to assist with particular operational parameters and procedures for the various Systems and functions.

System “Handshaking”

In a Trunked System, when the P-T-T is pressed on the microphone, a “Handshaking” routine occurs which establishes communications between the radio and Trunked System. When the LED indicator glows steadily red, voice transmission may begin. If your Maxon Dealer has enabled the “Clear to Talk” tone option, the radio will emit a short tone signaling voice transmission may occur. In Conventional Systems, there is no System “handshaking” and voice transmission may start immediately.

Transmitting

- A. Rotate the On/Off - Volume control clockwise to turn the power on.
- B. Adjust On/Off - Volume control further clockwise to increase the volume level.
Rotate counter clockwise to decrease volume level.
- C. Select the desired System and Group using the Up/Down buttons located on the front of the unit.
- D. Insure the microphone is secure in the Microphone jack located on the front of the unit, press and hold the P-T-T lever on the side of the Microphone..
- E. Listen for the “Clear to Talk” tone (or wait for the LED indicator to glow steady red) and begin talking. Hold the microphone 1 or 2 inches from you mouth, speak clearly and distinctly into the microphone area of the front grille.
- F. Release the P-T-T lever as soon as the message is complete and listen for a response. The P-T-T lever must be pressed continuously while talking and released to listen.

Receiving

- A. Turn power on and set the volume level as previously described.
- B. Select the desired System and System Group.
- C. When a message is received, the LED indicator will glow green.
- D. Respond to message by removing the microphone from hook, then press the P-T-T lever on the side of the microphone. Press the P-T-T continuously while talking and release to listen.

If scanning modes are enabled be sure to respond before scanning resumes, if you do not, another call may be received and the selected System and Group may have to be changed. Scanning is indicated by scan mode icons. Refer to “Scan Modes” for more descriptive information.

Transpond Mode

If Transpond has been enabled by your Dealer, your radio will automatically send (transpond) an acknowledgment to the System indicating that your radio has received a transmission. Transpond is a Dealer programmable feature.

Conventional Mode Operation

Your Maxon SM-6000 *Enduro* series may be programmed to operate in Conventional modes. Conventional mode may or may not require a Conventional repeater System. Radio to radio communications can also be accomplished in Conventional operation. How the Conventional mode is programmed is determined by your Dealer.

Transmitting

- A. Rotate the On/Off - Volume control clockwise to turn the power on.
- B. Adjust On/Off - Volume control further clockwise to increase the volume level. Rotate counter clockwise to decrease volume level.
- C. Select the desired Conventional System and Group channel using the Up/Down buttons located on the front panel of the radio.
- D. In a Conventional System it is necessary to monitor the channel for activity before a transmission. Monitor the channel by pressing the OPT (option) button located on the front panel and selecting monitor, once selected pressing OPT button once will begin monitor function, pressing OPT a second time will turn off monitor function. Monitoring of the channel can also be accomplished by observing the LED indicator for a solid yellow color. If solid yellow is observed, you must wait for the indication to leave before a transmission can be made.
- E. Press and hold the microphone P-T-T lever on the side of the microphone, LED indication will glow red, hold the microphone 1 or 2 inches from you mouth, speak clearly and distinctly into the microphone area of the front grille.
- F. Release the P-T-T lever as soon as the message is complete and listen for a response. The P-T-T lever must be pressed continuously while talking and released to listen.

Receiving

- A. Turn power on and set the volume level as previously described.
- B. Select the desired System and System Group channel.
- C. When a message is received, the LED indicator will glow solid yellow or green depending if CTCSS tone or DCS has been programmed.
- D. Respond to message by pressing the P-T-T lever on the side of the microphone. Press the P-T-T continuously while talking and release to listen.

If scanning modes are enabled be sure to respond before scanning resumes, if you do not, another call may be received and the selected channel may have to be changed. Scanning is indicated by the scan mode icons. Refer to “Conventional Scanning” for more descriptive information.

Busy System Queuing

If enabled by your Dealer, Busy System Queuing will monitor the System for activity. Once the System becomes available the System will automatically be accessed and held for a period of time, determined by your Dealer, allowing you to transmit on the System. An audible indication will sound along with a flashing yellow LED indication when queuing has begun and again will sound when the System has been acquired. Busy System Queuing is available for both Trunked and Conventional System operation. The word QUEUING will also be shown in the display when busy system queuing has become active.