

7. PROGRAMMING & OPERATING INSTRUCTIONS

7-1 MANUAL CHANNEL SELECTION

There are two methods to select the channel you desire.

Method A- Advances channel numbers sequentially.

When the radio is switched 'ON', the radio displays the channel stored in the memory. A push on the **MANUAL** key advances the channel number one by one. If the **MANUAL** key is held depressed for more than 2 seconds, channel numbers are continuously advanced at the rate of 6 channels per second. Scanning will stop on any channel on which a signal is present.

Method B- Directly engages the desired channel.

Push the **MANUAL** key and then key-in the number of the desired channel. If the channel number is a 2 digit number, enter the 2 digits within a 3 seconds period, otherwise the 2nd digit will be neglected.

[NOTE 1]- No channel number can be selected unless the channel frequencies are programmed in the KG107. If you enter an 'empty' channel number, then the error alert tone will be heard and no channel number will be displayed.

[NOTE 2]- Be sure to set the Squelch "CLOSED" before you hold the **MANUAL** key depressed to continuously advance the channel number, otherwise the channel number will only advance by one.

7-2 MANUAL SCAN OPERATION

In Manual Scan operation, all the channels programmed in the KG107 will be scanned. [See NOTE 3 below]

To engage the Manual Scan function, push **MANUAL** * **1** keys.

For example :-

[KEY] operation **MANUAL** key * key **1** key MANUAL SCAN operation starts.

The LED display "[--][HI]" confirms the correct Manual Scan key entry. Then the LED shows "[--][]" and begins scanning until it stops at a channel where a signal is present. Scanning will remain stopped as long as a signal is present and will start again after a 2 second pause when the signal is no longer present.

If scanning stops at a channel where a signal is present and you wish to continue scanning, simply push the * key to advance the channel and continue scanning.

To exit Manual Scan operation, push the **MANUAL** key.

No transmission is possible during scanning. To transmit during Manual Scan operation, set the monitor switch (on the rear of the microphone) to the 'ON' position, and then carry out your transmission. When you have finished transmitting, switch the monitor switch to the 'OFF' position and scanning will recommence. When the radio is fitted with the CTCSS or 5-Tone Unit, it is simply necessary to lift up the microphone from the hanger and transmit by pressing the PTT switch. Scanning will start as soon as the microphone is replaced on the hanger.

[NOTE 3]- Scanning is conducted only on the channels programmed in the KG107.
Before engaging Manual Scan operation, check the following:
Set the squelch to closed. (Turn the outer control knob clockwise until the background noise disappears).
The microphone must be hung up on the hanger or the monitor switch provided on the rear of microphone set to the 'OFF' position. No transmission can be achieved when this switch is set to the 'OFF' position.