

MIDLAND G4

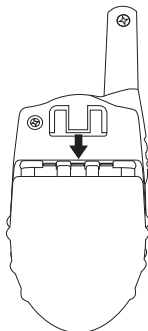
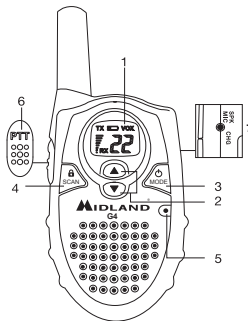
22 CHANNEL GMRS/FRS TRANSCEIVER

MIDLAND G4 is a new GMRS/FRS transceiver that may be used, without license, where GMRS/FRS frequencies are authorized (462.5500 - 467.7125 MHz).

Main features:

- Freq. 462.5500 - 467.7125 MHz
- Channel spacing: 25kHz
- 22 GMRS/FRS channels
- Power 500mW ERP
- Coverage up to 4-5 km
- Batteries: AAA type, rechargeable or alkaline
- Alphanumeric LCD Display
- VOX (hands-free transmission)
- Channel Scan function
- Battery life up to 35 hours (alkaline type)
- Operating temperature from -20° to +55°
- Weight 63 gms.
- Size 53x89x28mm
- Jack for audio accessories: 1pin, 2.5mm (SPKMIC) [7]
- Jack for Wall Charger (CHG) [7]

Specifications are subject to change without notice



Battery compartment

To open the battery compartment, hold the unit face down and slide the cover towards the bottom of the radio; then, insert 3 x AAA alkaline or rechargeable batteries.

** Coverage

The maximum range is obtained during use in an open space. The only limitation to maximum possible range are environmental factors such as blockage caused by trees, buildings, or other obstructions. Inside a car or metallic construction, the range can be reduced.

GMRS LICENSE


Use of GMRS radios within the United States requires a FCC GMRS license. An individual 18 years of age or older, who is not a representative of a foreign government is eligible to apply for a GMRS system license. You will need two forms from the FCC, FCC Form 159 and FCC Form 605 Main Form and Schedule F. You can find the forms online at <http://www.fcc.gov/formpage.html>, or call 1-800-418-3676.

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LET'S COMMUNICATE!

To turn radio on/off

Hold the  button [3] for 3 seconds. The radio beeps 3 times with different tones. The LCD[1] displays a "self test" message for 1 second, it will then indicate the last channel selected.

Volume adjustment

To adjust the volume level, push  [2] buttons until you reach the desired level.

Channel selection

Press the  button [3] once and then the  [2] controls to select one of the 22 channels. To confirm the selection, push **PTT** [6] or wait for 5 seconds roughly.

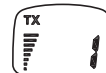
Background noise reduction (Squelch)

In your MIDLAND G4 the background noise reduction device (squelch) is activated by default.

CHANNEL	FREQ. RX/TX (MHz)	CHANNEL	FREQ. RX/TX (MHz)
01	462.5625	12	467.6625
02	462.5875	13	467.6875
03	462.6125	14	467.7125
04	462.6375	15	462.5500
05	462.6625	16	462.5750
06	462.6875	17	462.6000
07	462.7125	18	462.6250
08	467.5625	19	462.6500
09	467.5875	20	462.6750
10	467.6125	21	462.7000
11	467.6375	22	462.7250

Transmission

For maximum speech clarity, hold the radio 4 to 10cm away from your mouth, keep the **PTT** button [6] pressed and speak into the unit. During transmission the display shows:



Reception

Simply release the **PTT** button [6]. When you receive a signal, display shows:



Automatic power save

MIDLAND G4 is supplied with an automatic current economy circuit. If the transceiver receives no signal for 7 seconds or longer the "power save function" automatically activates. **The battery life may increase by up to 50%.**

When the batteries are in need of charging,  icon will be displayed: it is necessary to replace the alkaline batteries or recharge the Ni-Cd/NiMH ones.

Jack CHG [7]

External charger jack. Insert the original charger plug into the **CHG** jack [7]. We recommend use of the appropriate charger only. **Attention:** alkaline batteries cannot be recharged.

Keypad lock

Press and hold the **SCAN** [4] button for longer than 3 seconds: the display will show **Lo** to confirm activation. **PTT** [6] will still be active.

The display will show **Lc** everytime the buttons are pressed.



To de-activate the Keypad lock, press and hold the **SCAN** [4] button for longer than 3 seconds: the display will show **LF** to confirm de-activation.



KEY FUNCTIONS



VOX: hands-free transmission

VOX function activation

Press the  [3] key for two times. The display shows "VOX" blinking at the top on the right, and at the right side of the display, "oF" appears. Select "on" by means of  [2] buttons and push the **PTT** [6] key, or simply await 5 seconds for confirmation.

Speak into the microphone [5]: the transmission is automatically activated.

VOX function deactivation


Press the  [3] key for two times. The display shows "VOX" blinking at the top on the right, and at the right side of the display, "on" appears. Select "oF" by means of  [2] buttons and push the **PTT** [6] key, or simply await 5 seconds for confirmation.



SCAN FUNCTION

The SCAN mode monitors the busy channels. It is used to check the traffic radio on the 22 channels before transmitting and allows the unit to stop on a channel that someone is talking on. When the radio stops on a busy channel, the scan will resume after about 5 seconds.

To enable SCAN:

1. Press the **SCAN** [4] key: channels will start scanning on the display [1].
2. Press  [2] buttons to skip the channels with a strong background noise.

Transmission during the SCAN function

At the **PTT** [6] pressure, the radio will transmit on the channel where the scan started. *To deactivate this function*, push the **SCAN** [4] key again.