1

TESTING THE KEYPAD

1. **Connect the positive (+) lead of your power supply to the terminal strip (TS1) +V input.**
2. **Connect the negative (-) lead of your power supply to the terminal strip (TS1) -V input.**
3. **Turn on your power supply.**
4. **Press 7890#123456∗. If all 12 keypresses have been verified, the keypad will enter self test mode. Either the LED's will flash or the sounder will beep 3 times,.then light or sound continuously for 3 sec onds (except on the mullion). If these responses do not happen, try the test mode again and then call tech support. Note: self test mode can be used when troubleshooting a keypad in the field. If you do not get the continuous light or sound then the mem ory has been corrupt and should be re-programmed with the 46 command (see option #19).**
5. **Enter the master code of 1234∗. The relay will ener gize. Refer to programming section to program your keypad.**

NOTE:

The keypad may be programmed in your shop or at the installation site. Programmed information is stored in non-volatile memory so it will not be lost if power is removed.

COMMAND AND CONTROL DEFAULTS

The Door-Gard Command and Control Series keypads are designed for easy installation in a minimum amount of time. The following defaults have been factory programmed.

Master Code (user 1)	**1234**
Main Relay will energize for	**5 seconds**
Auxiliary Outputs will energize for	**5 seconds**
Panic will energize	**Output 4**
Keypad Active Output	**Off**
Remote Triggering Input will energize	**Main Relay**
Keypress Feedback	**On**
Led on when powered up	**RED**
Led on when relay is activated	**GREEN**

If defaults must be changed or additional functions are desired, please refer to the *PROGRAMMING OPTIONS* **chart after you are familiar with the** *PROGRAMMING* **section.**

2

PROGRAMMING

1. Enter programming mode — Indicator
   Press 99 # (master code) ∗ — **Beeps slowly**

2. To change master code [2] — **Do not change master code.**
   Press 1 # (new master code) ∗ — **Beeps fast**
   Repeat (new master code) ∗ — **Beeps slowly**

If main relay time must be changed, substitute option 2 from PROGRAMMING OPTIONS CHART for step above.

3. To add/change second code
   Press 2 # (new user code) ∗ — **Beeps fast**
   Repeat (new user code) ∗ — **Beeps slowly**

4. To add/change third code
   Press 3 # (new user code) ∗ — **Beeps fast**
   Repeat (new user code) ∗ — **Beeps slowly**

5. Up to 120 codes may be added in this fashion

6. Exit programming mode
   Press ∗ — **Out**

NOTES:

- **User location represents one location in memory where an individual code is stored. A user code is stored in it's own user location.**
  There are 120 user locations available.
- [1] **Some Door•Gard products contain a sounder in place of the yellow LED. In these products the flashing is replaced by a beeping.**
- [2] **The master code is always in user location 1.**
- **The master code allows access to the programming mode & activates the main relay.**
- **All codes must be followed by the ∗ key.**
- **Codes may be from 1-6 digits in length, and digits may be repeated.**
- **If the master code is forgotten or does not seem to be working, momentarily push SW1 on the** circuit board**, (see wiring diagram for location) to enter programming mode and follow step two from above to program a new master code.**
- **If the yellow LED lights (or sounder sounds) solid while in programming mode an error has occurred. Press ∗ to clear (yellow LED should flash or sounder sound) and start over from step 2 or 3 above.**

PROGRAMMING OPTIONS CHART

If the pre-programmed default values must be changed or additional functions are desired, the following options may be programmed.

1. Enter programming mode	Press	99 # (master code) *
2. **Change master code/set main relay time** [1] (SEE BELOW)	**Press**	**(Relay Time) # 1 # (new code) * (repeat code) ***
Example: Master code of 4321/relay time of 10 seconds	***Press***	***10 # 1 # 4321 * 4321 ****
3. **Add/change user code**	**Press**	**(user location) # (new code) * (repeat code) ***
4. **Add/change user code with a different output time on main relay** [1] (SEE BELOW)	**Press**	**(Relay Time) # (user location) # (new code) * (repeat code) ***
5. **Delete user codes**	**Press**	**(user location) # * ***
6. **Set output 2 time** [1] (SEE BELOW)	**Press**	**12 # (Relay Time) # 0 # * ***
7. **Set output 3 time** [1] (SEE BELOW)	**Press**	**13 # (Relay Time) # 0 # * ***
8. **Set output 4 time** [1] (SEE BELOW)	**Press**	**14 # (Relay Time) # 0 # * ***
9. **Set outputs for Remote Triggering Input**	**Press**	**17 # (outputs: .ie. 1, 2 or 2, 3 etc.) # 0 # * * Note: 0= no outputs**
10. **Set outputs for Panic** [2] (SEE BELOW)	**Press**	**18 # (outputs: i.e. 1, 2 or 2, 3 etc.) # 0 # * * Note 0= no outputs**
11. **Turn keypress feedback/audible keypress on**	**Press**	**30 # 0 # 1 # * ***
12. **Turn keypress feedback/audible keypress off**	**Press**	**30 # 0 # 0 # * ***
13. **Turn yellow LED/sounder on with relay**	**Press**	**30 # 1 # 1 # * ***
14. **Turn yellow LED/sounder off with relay**	**Press**	**30 # 1 # 0 # * ***
15. **Turn auto entry on**	**Press**	**30 # 2 # 1 # * ***
16. **Turn auto entry off**	**Press**	**30 # 2 # 0 # * ***
17. **Turn keypad active output on** [3] (SEE BELOW)	**Press**	**43 # 0 # 99 # * ***
18. **Turn keypad active off**	**Press**	**43 # 0 # 00 # * ***
19. **Erase keypad memory/reset defaults**	**Press**	**46 # 00000 # 00000 # * ***
20. **Energize selected output(s) with a user code** [4]	**Press**	**59 # (outputs: i.e. 1, 2 or 2, 3 etc.) # (user location) # (new code) * (repeat code) ***
Example: User 2; code of 4321*; energize outputs 2 & 3	***Press***	***59 # 23 # 02# 4321 * 4321 ****

NOTES:

[1] **Relay time must always be represented by 2 digits. Example: 5 seconds = 05. Latching /toggle is accomplished by entering a time of 00**

[2] **If selected, panic will operate by pressing the * and # simultaneously. Panic operates for 1 second and is defaulted to output 4.**

[3] **Keypad active is a negative voltage output (sink) available on terminal (or wire) marked WB (see wiring diagrams for location).**

[4] **This feature is not available with the master code.**