



DOL1000-MF

Programming & Installation Manual

INTRODUCTION

The DOL1000-MF is a versatile keypad that has the option of running wirelessly. The DOL1000-MF can work with 6 volts of battery power or 6-24 volts of AC/DC. This keypad can be wired with multiple wireless transmitters. DOL1000-MF can store up to 1000 access codes. Guest access codes are also programmable, which are single-use codes for access. After 5 successive incorrect codes, the keypad will lock for 4 minutes

PROGRAMMING CHART: DOL1000-MF Default Master Code: <u>1</u> <u>2</u> <u>3</u> <u>4</u>	
Add Access Codes	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 1#, Access Code: _ _ _ _ , Channel:1-4, #
	Use Channel 1 if unsure. The different channels are dependent on the RF terminal used. Any channel can be assigned for devices that connect to normally open/normally closed.
Remove Access Codes	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 2#, Access Code: _ _ _ _ , #
	Enter the Access Code you would like to delete.
Add Guest Code	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 3#, Guest Code: _ _ _ _ , Channel:1-4
	The Guest Code is a one-time use access code. Once used, the number will be cleared from memory.
Add Access Toggle Code	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 4#, Toggle Code: _ _ _ _ , Channel:1-4
	Entering Access Toggle Code will toggle the keypad to continuously activate. Entering the code again will toggle the keypad off. Dip switch #6 on the circuit board needs to be in the off position in order for this mode to work.
Set Relay Output Time	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 5#, Seconds:0-60, #
	Set the number of seconds the device will grant access before locking again.
Change Master Code	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 7#, Master Code: _ _ _ _ , #
	Changes Master Code. If the Master Code is forgotten, this manual contains instructions on how to reset the Master Code.
Clear All Codes	<u>1</u> <u>2</u> <u>3</u> <u>4</u>, 8#
	This will clear all data except the Master Code.

To clear an entry, press *

CONNECTION TERMINALS

- **V+/V-**: These terminals will supply power to the transmitter.
- **ANT**: Antenna
- **RF1-4**: The DOL1000-MF can control up to 4 different channels. Each RF terminal represents a different channel.
- **GO**: Connects to the green LED
- **NOGO**: Connects to the red LED
- **KEYPADUTE**: Connects to the DOL1000-MF lights located in front of the keypad
- **NO (Normally open)**: Use N.O. for equipment that requires a temporary surge of electricity to activate. Example, Electric door locks, automated gates, push plates, etc.
- **COM**: Common ground
- **NC (Normally closed)**: Use N.C. for equipment that requires a constant flow of electricity to function properly. Example, Magnetic locks, receivers, etc.
- **BATTERY 6VDC**: If deciding to power the DOL1000-MF with a battery, then connect the battery to these terminals.
- **6-24VAC/DC**: If deciding to hardwire the DOL1000-MF directly to a power source, use these terminals.
- **Master Reset Button**: Holding this button down for 5 seconds after reconnecting the keypad to its power source will make the keypad beep 3 times. This will indicate that the Master Code has been reset to 1234.

DIP SWITCHES

1. **SOUND**
2. **LED**
3. **LIGHTS**
4. **Not used**
5. **Not used**
6. **WIRELESS MODE**
 - a. Switching this dip switch to off will enable the toggle gate feature and switching to the on position will disable the toggle gate feature. Disabling this feature can potentially save battery power in the case that the toggle gate feature has been accidentally activated. Refer to the programming chart for more details with the toggle gate feature.
7. **Not used**
8. **Not used**

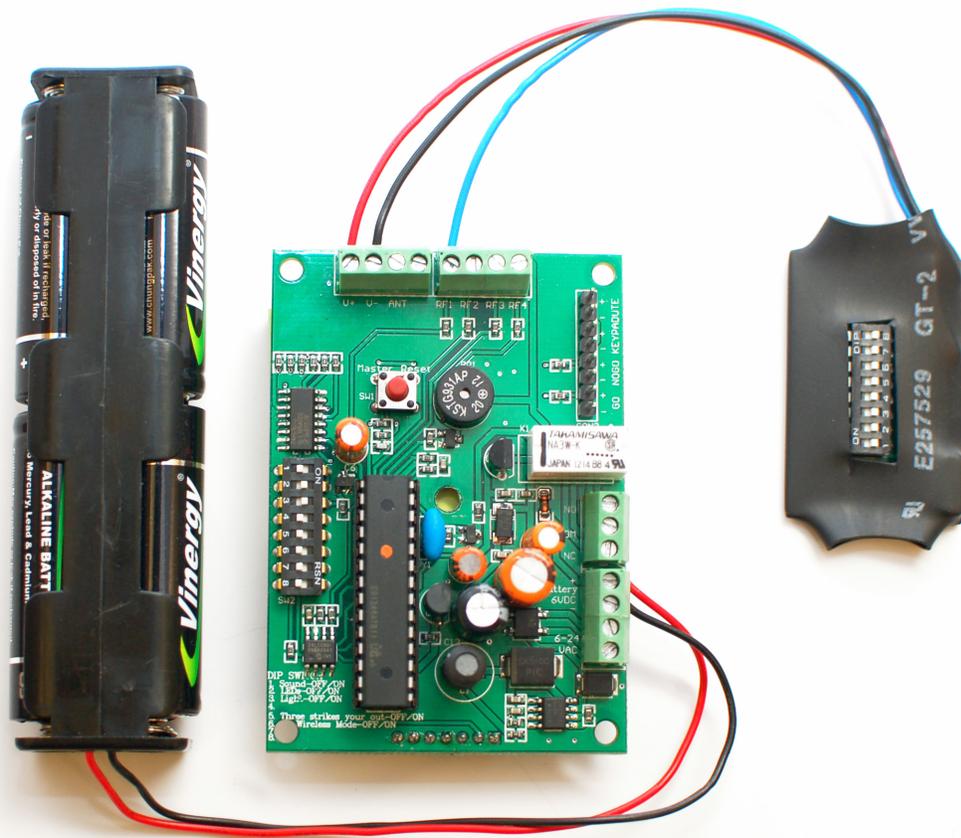
RESETTING THE KEYPAD AND MASTER CODE

Located on the DOL1000-MF's circuit board, the red Master Reset Button is used to reset the master code back to 1234. The following steps will reset the master code:

1. Remove the battery or eliminate the power source to the DOL1000-MF and wait for 30 seconds for the keypad to completely power off.
2. Press and hold the red Master Reset Button.
3. While holding the red Master Reset Button, reconnect the battery or power source to the DOL1000-MF.
4. Continue to hold the red Master Reset Button until the keypad beeps 3 times. This will indicate that the Master Code has been reset to 1234.

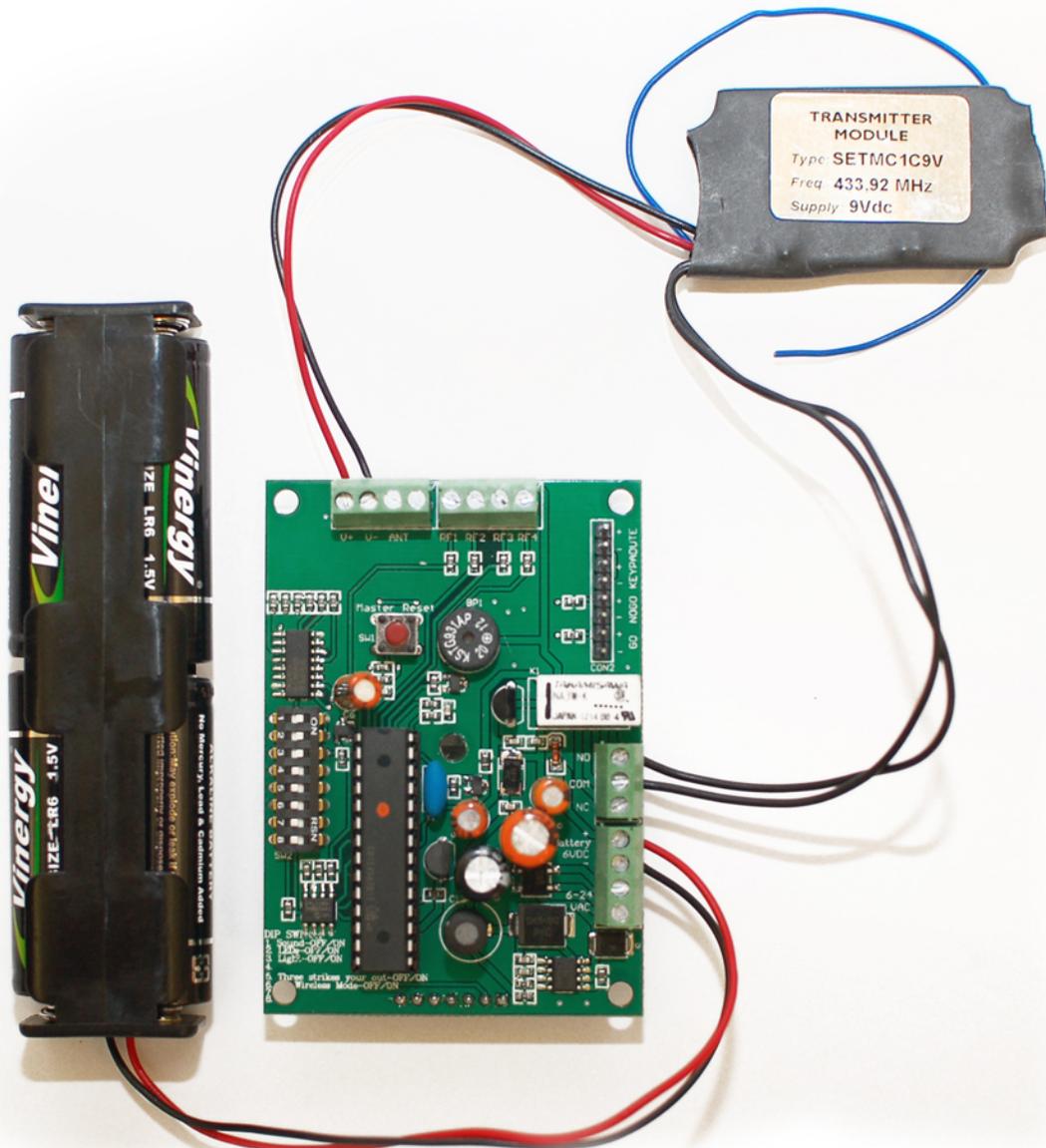
INSTALLATION EXAMPLES

Dip switch with battery example:



- **NOTE:** Be sure to connect the power source to the correct terminals! The battery terminals and the AC/DC terminals are different.

- 433MHz transmitter with battery example:



- **NOTE:** Be sure to connect the power source to the correct terminals! The battery terminals and the AC/DC terminals are different.
- **NOTE:** Any channel can be assigned for devices that connect to normally open/normally closed.

TRANSMITTER SOLUTIONS WARRANTY

The warranty period of Transmitter Solutions keypad is twenty-four (24) months. This warranty shall begin on the date the keypad is manufactured. During the warranty period, the product will be repaired or replaced (at the sole discretion of Transmitter Solutions) if the product does not operate correctly due to a defective component. This warranty does not extend to (a) the keypad case, which can be damaged by conditions outside the control of Transmitter Solutions, or (b) battery life of the keypad. This warranty is further limited by the following disclaimer of warranty and liability:

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SPECIFICATIONS

IP Rating: IP64

Temperature Rating: -40C to 70C / -40F to 158F

Size: 7 1/2in. x 7 3/4in. x 3 5/8in.

Weight: 1 3/4 lbs.

Housing: ABS

Face Plate Material: ABS

Operating Voltage: 6-24 AC/DC

Output relays: 1A



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