

# Universal Remote Control System

Suitable for Gate or Garage Door Opener

## User Instruction

### Features:

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|--|--|
| 1. On Board 15A/12V Relay Output   | 5. Latch or 0.5 Sec. Pulse Output Selectable |
| 2. Memorize Up To 50 Transmitters  | 6. Reset Function Provided                   |
| 3. LED Indicate For All Operation  | 7. Can Work With Home Security System        |
| 4. 12V DC Power Supply   | 8. Hardware Protected Code Learning Mode     |
| 9. Distinguishable Distance Between Normal And Programming Mode Transmission |  |
| 10. Guard Time Period Added To Avoid Malfunction Of Operation                |  |

### 1. Programming the remote transmitter.

#### Add / Delete transmitter code:

1. Open the window located at left-hand side of the main unit.
2. **Push down program switch** at any time after power on will see the program (yellow) LED on to indicate entering program mode.
3. Now the system is **ready to add new code or delete old code** if the code exists already.
4. Push down one of the button on transmitter at this time.
5. If ready to **add** a new code into the system add (green) LED will blink.  
If ready to **delete** an old code that already exists delete (left most red) LED will blink.
6. Push down the same button once again to confirm the action.
7. If **add** successfully, (green) LED will be steady on for 2 seconds to confirm this action.  
If **delete** successfully, delete (left most red) LED will be steady on for 2 seconds to confirm this action.
8. And then **add or delete LED goes off** to indicate **waiting for next action**.
9. Loop step 4 through step 8 if more transmitter codes need to program, otherwise, if no more action for 5seconds the program (yellow) LED will go off and finish programming mode.

**Note :** This system can learn up to 50 transmitters

### 2. Reset function: Erase all previous codes

1. Power off the main unit.
2. Push down program switch while power on will see the program (yellow) LED on.
3. Hold the program switch for almost 5 seconds until delete (left most red) LED on to indicate all codes in system were killed.

**Note:** The reset function doesn't work If release the program switch before delete (red) LED on.

### 3. Transmitter button assignment

Button 1 and button 2 on transmitter are two independent buttons. It means that two door openers need only one transmitter if those two door opener controllers are made by the same manufactory. So save money and keep it simple.

### 4. Distinguishable distance between normal and programming mode transmission

Transmission distance of hand set transmitter is distinguishable between programming mode after push down the program switch and normal transmission.

The distance in program mode should be much shorter than in normal transmission to avoid interfered by other transmitter of different systems or code grabber

### 5. Guard time period added to avoid mail function of operation

No signal period should be long enough between two continuous transmissions. Otherwise the system will see it as two different signals and do two different operations.

For this reason, the system will do only one operation while keeping press the button until you release it.

### 6. Jumper for selectable timer setting

JP1	Function:
Close	Latch output mode
Open	0.5 second pulse output mode

