

# MCMCLX, CLX2, CLX3

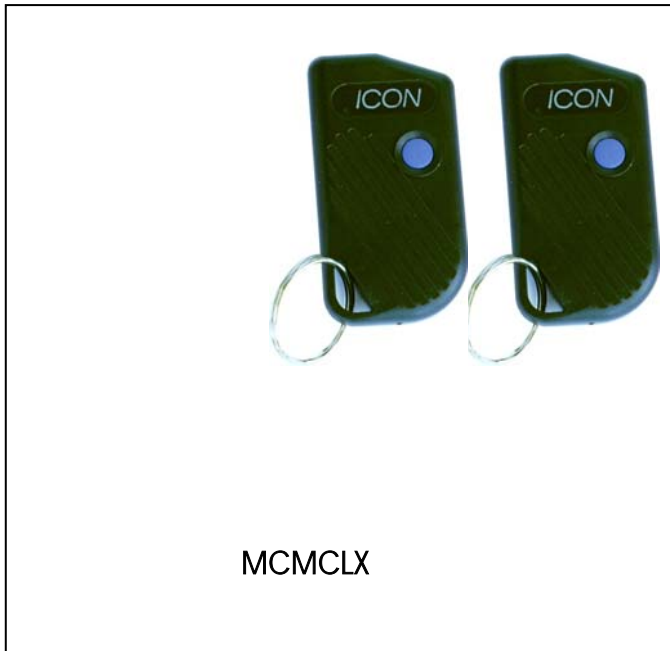
Made in Australia



A.C.N 001 621 610

## Brief Product Description:

The MCM-CLX is designed to provide the simplest method available to remotely control your alarm panel. Using the CLX you can Arm / Disarm create an Emergency or Panic alarm.



Available with  
1, 2, or 3 button  
remote control

## Short cuts

### To Add a Remote Controller:

- 1) Disconnect power from your CLX.
- 2) Press & keep holding down the button on the new Remote Controller that you wish to add.
- 3) Reconnect power to your CLX.
- 4) 3 seconds after reconnecting power, release the button on your Remote Controller.
- 5) This remote will now function with your CLX.

### To Delete All Remote Controllers:

- 1) Disconnect power from your CLX.
- 2) Using a ballpoint pen, press & hold down the delete button (located on the rear of the case of the CLX Receiver).
- 3) Reconnect power to your CLX.
- 4) Now release the reset button. All remotes have now been erased from memory.

## System Operation -

Momentarily pressing the Yellow button on your Remote (*RED button for 2 and 3 button Remote*) and if Yellow wire is connected in Section 8 and the panel programmed for keyswitch operation option 93=3 or 4) will cause panel to change state from Off to On mode. Momentarily pressing this button again on your Remote will cause panel to change state from On to Off mode.

Momentarily pressing the button on your Remote (*Green button for dual button Remote*) and if Blue wire is connected in Section 7 and the panel programmed for keyswitch operation option 93=3 or 5) will cause panel to change state from Off to Partial mode. Momentarily pressing this button again on your Remote will cause panel to change state from Partial to Off mode.

If a button is held for more than 3 seconds, an Emergency or panic alarm is created. This will immediately cause an audible alarm send a special alarm message to the monitoring Centre (If the system is monitored).

### Learning New Transmitters and Deleting All Transmitters

Your CLXMCM incorporates a code learning system. This enables extra remotes to be added (or deleted) with ease if necessary. You can utilise a maximum of 15 remote controls if required. To learn in a new transmitter press and hold the Red or Yellow buttons while applying power to the unit. Now pressing the button of the new Remote should activate the appropriate output. If this doesn't work first time, simply re-try from the beginning.

To delete all Remotes in the memory, hold down the hidden button inside the unit as shown below while powering up the unit. You can do this by probing it with a small screw driver or some tweezers. The hole which you must probe is shown below.

*On the rear of the case is the small hole to probe the hidden delete switch*



## Wiring Instructions

17CM LONG WIRE – WHITE	This is the antenna wire. <b>Do not cut.</b>
RED WIRE	Connect to <b>+ 12 Volts DC supply.</b>
BLACK WIRE	Connect to <b>Zero Volts (negative).</b>
YELLOW WIRE	<b>Negative pulse momentary when <u>BLUE</u> button (single button Tx) or <u>RED</u> button (2 or 3 button Tx) is pressed.</b> Stays negative while a valid remote control button is pressed. <i>(Output 1)</i>
BLUE WIRE	<b>Negative pulse momentary when <u>GREEN</u> button is pressed.</b> Stays negative while a valid remote control button is pressed. <i>(Output 2)</i>
ORANGE WIRE	<b>Negative pulse momentary when <u>BLUE</u> button is pressed.</b> Stays negative while a valid remote control button is pressed. <i>(Output 3)</i>
OTHER WIRES	<b>Not Used.</b>

## Connecting the Wiring Harness to the Module

The harness must be plugged in as shown otherwise the unit will not operate.

*\* If you plug the harness in the wrong way it will not damage the module.*

Black wire  
Red  
Orange  
Blue  
Yellow



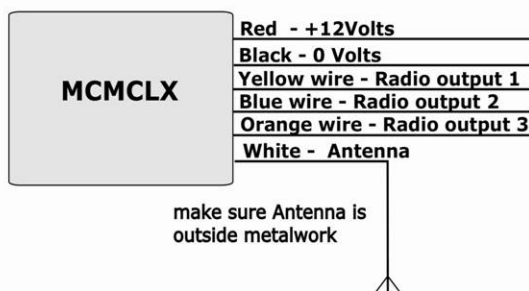
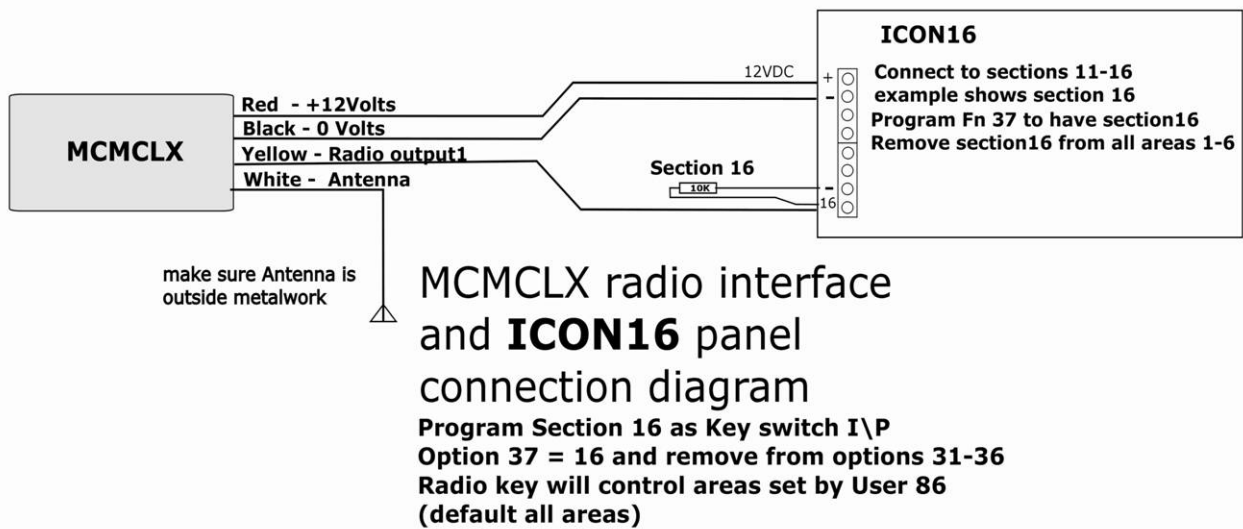
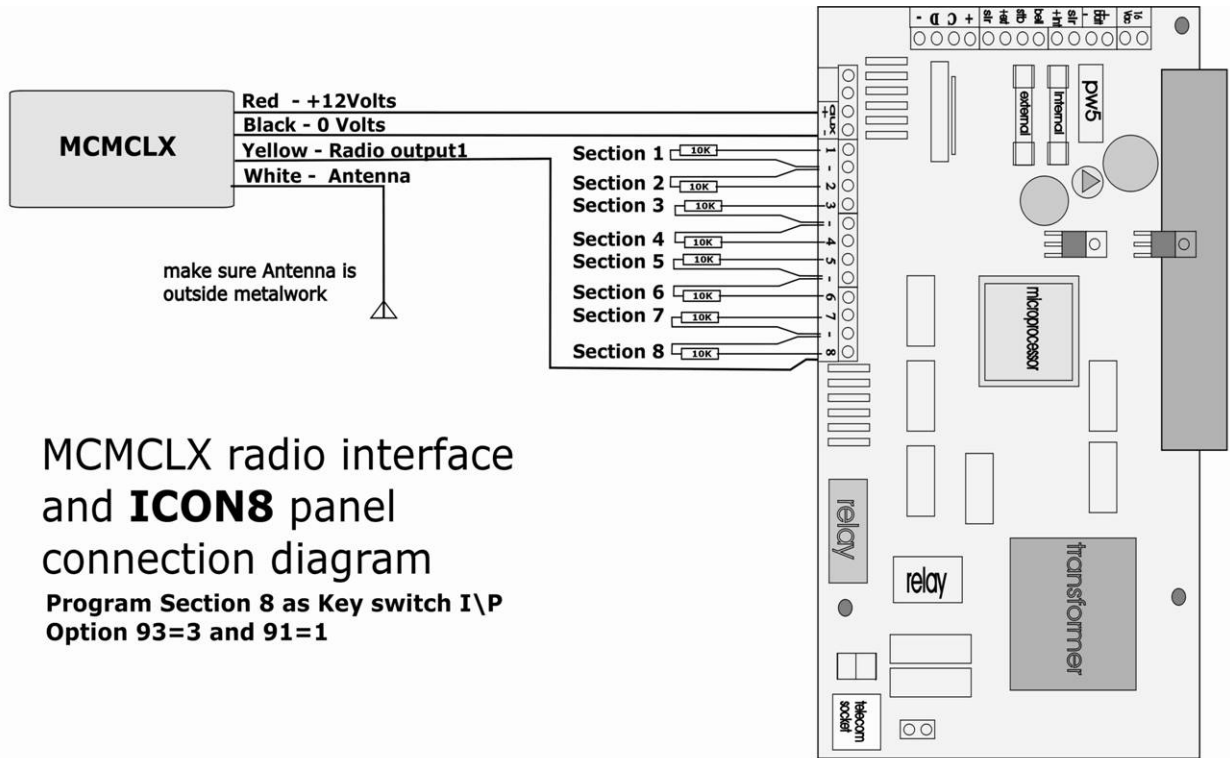
White wire  
Antennae

## ELECTRICAL CHARACTERISTICS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM
Supply current @ Vcc = 12V	-	7mA	13mA
Supply voltage (Vcc)	10V	12V	15V
Operating Temperature (Degrees Celsius)	0	+25	+50

### ABSOLUTE MAXIMUM RATINGS

PARAMETER	MINIMUM	MAXIMUM
Storage Temperature	-55	+150
Supply Voltage, Vcc Max.	0V	+18V



	1 Button	2 Button	3 Button
Output 1 (Yellow wire)	BLUE Button	RED Button	RED Button
Output 2 (Blue wire)		GREEN Button	GREEN Button
Output 3 (Orange wire)			BLUE Button