

**CHAMBERLAIN™**  
**merlin™**  
 professional

**CM8002PCB-ANZ**

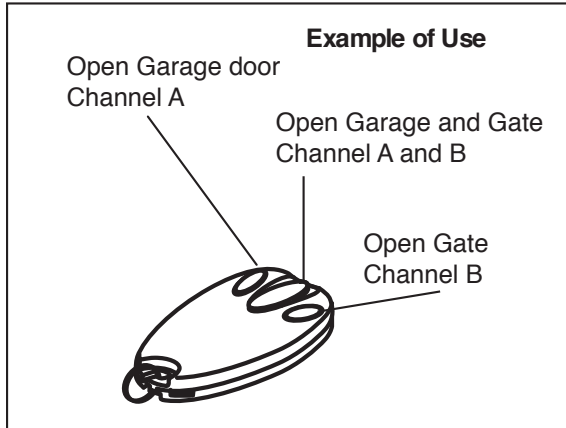
**433.92MHz 2-Channel**

**Billion and Rolling Code Receiver PCB ONLY.**

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 Lane Cove NSW 1595

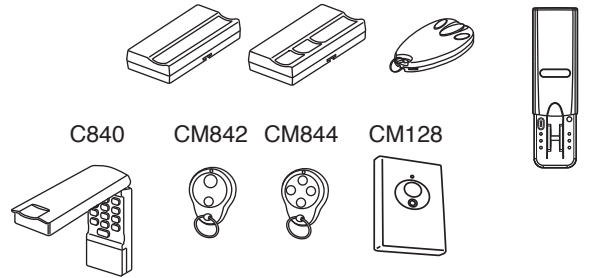
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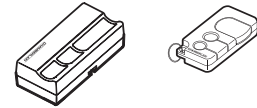
**Compatible Transmitters:**

Merlin Professional C940 C943 C945 C379



**Compatible Transmitters:**

Chamberlain 4333A 4335A

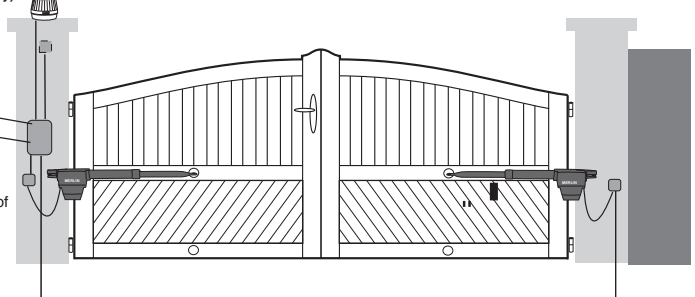
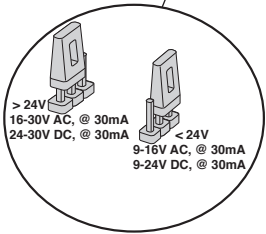
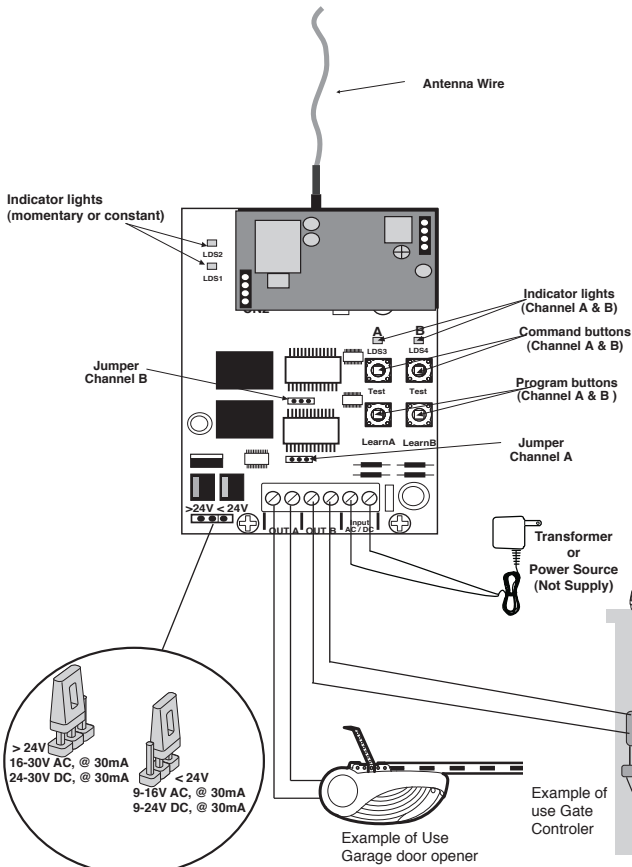
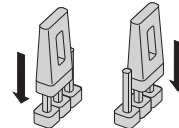


**TO SET OUTPUT DURATION**

The receiver can be set for either constant or momentary closure on the output contacts for each channel (A and B). (Use constant closure only if constant pressure is needed.) With the jumper in "1" (Momentary) position, the contacts will close for 150ms regardless of the length of radio transmission. With the jumper in "2" (Constant) position, the contacts will stay closed as long as the radio continues transmitting.

Momentary

Constant signal  
(Hold to run)






**DISCONNECT POWER TO GARAGE DOOR OPENER BEFORE INSTALLING RECEIVER.**

**NOTE:** The CM8002PCB-ANZ can be programmed to receive up to 15 codes for each channel.

**INSTALLATION**

1. Fasten the receiver securely in place using PCB stand offs or double sided tape.

 The PCB must be positioned so as not to cause damage to other electrical or mechanical devices.

2. Connect power source to the AC/DC terminals on the circuit board (see illustration). Ensure the terminals are tight.

3. Connect operator control board to the terminals (Channel A) of the Universal Receiver. At the same time connect any other hardwired inputs in parallel (i.e. output is Normally Open). Connect any secondary hardwired inputs (if you have to operate 2 doors) to terminals (Channel B).

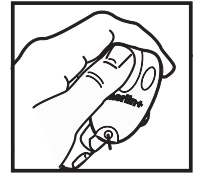
4. Plug in the transformer or apply power.

5. Ensure the door or gate is safe to use then press the **Test** button for Channel A or B to test your device.

 This unit is not to be exposed to the elements and should only be installed by a qualified installer.

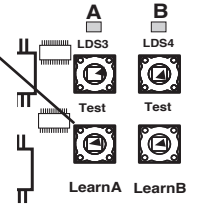
**PROGRAMMING THE RECEIVER**

1. Press and **hold** the transmitter push button.



2. Press and release the *Learn* button for the channel you wish to use. The indicator light will *flash* once.

3. Release the transmitter push button.



**NOTE: If you release the transmitter push button before the indicator lights flash, the opener will not accept the code.**

Repeat steps 1–3 to program the receiver for all transmitters in use for that door. If a second door is in use, use a different transmitter button and repeat steps for channel B.

Replace top cover with mounting screws.

**To erase all codes from the receiver:** hold the receiver's *Learn* button until the indicator light goes off (after 6 seconds). All codes that the receiver has learned will be erased.



**Activate the opener only when gate or door is in full view, free of obstruction and properly adjusted. No one should cross the path the door or gate whilst it is in motion. Do not allow children to operate push button(s) or control transmitter(s). Do not allow children to play near automated gates or garage doors.**

SPECIFICATIONS	
Output Rating .....	Output max. = 5A; V max. = 30V AC/DC
Power input <24V .....	9-16V AC, @ 30 mA
.....	9-24V DC, @ 30 mA
.....	16-30V AC, @ 30 mA
>24V .....	24-30V DC, @ 30 mA
RF Frequency .....	433.92MHz

