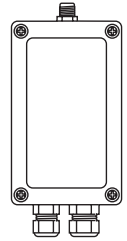


Merlin[®]

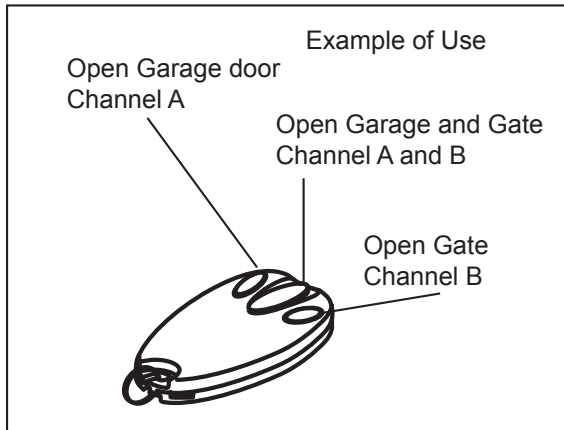
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 PO Box 1446
 Lane Cove NSW 1595

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 gomerlin.co.nz



CM8002ANZ-1 433MHz 2 Channel Billion and Rolling Code Channel Receiver



Compatible Remotes:

Merlin Professional C940 C943 C945



CM842 CM844 CM128



Compatible Remotes:

Chamberlain

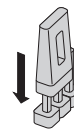
4330A 4333A 4335A



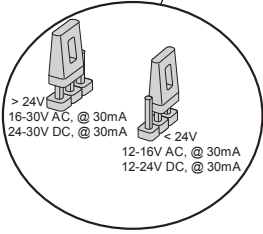
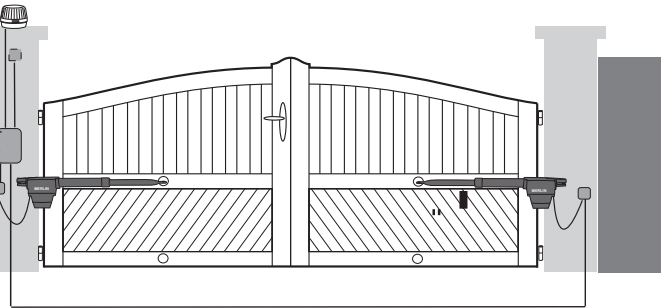
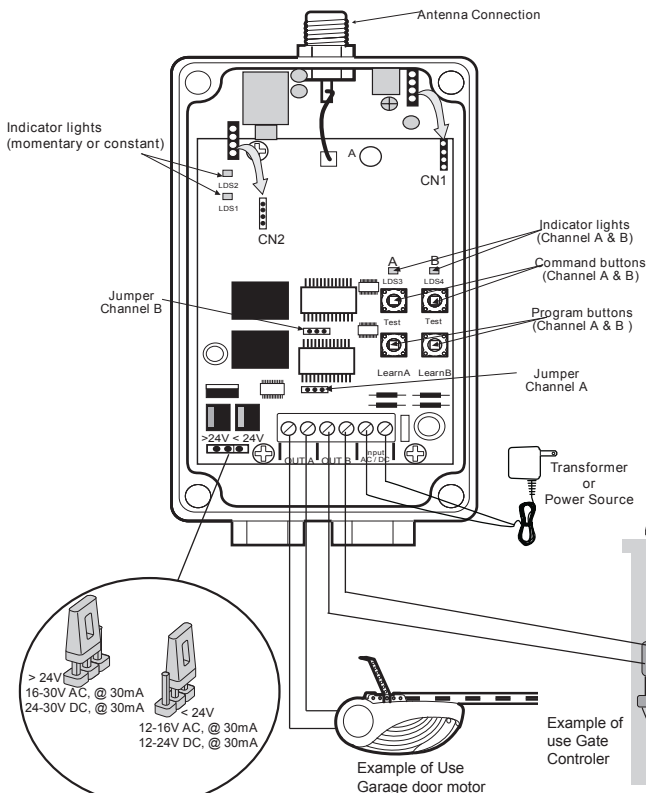
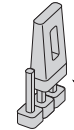
TO SET OUTPUT DURATION

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.

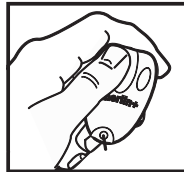
NOTE: The CM8002ANZ-1 can be programmed to receive up to 15 codes for each channel.

INSTALLATION

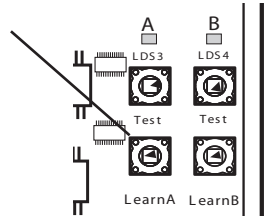
1. Fasten the receiver securely with screws through the corner holes which are located under the cover.
2. Apply power to the AC/DC terminals on the circuit board (see illustration). Ensure the Power input link is in the correct position to suit the supply voltage.
3. Connect operator control board to 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.

PROGRAMMING THE RECEIVER

1. Press and hold the remote control 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 remote push button.

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

Repeat steps 1–3 to program the receiver for all remote controls in use for that door. If a second door is in use, use a different remote control button and repeat the 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 door is in full view, free of obstruction and properly adjusted. No one should enter or leave garage while door is in motion. Do not allow children to operate push button(s) or remote(s). Do not allow children to play near the door.

SPECIFICATIONS	
Output Rating	Out put max. = 5 A; V max. = 30V AC/DC
Power input <24V	12-16V AC, @ 30 mA
.....	12-24V DC, @ 30 mA
>24V	16-30V AC, @ 30 mA
.....	24-35V DC, @ 30 mA
RF Frequency	433.92MHz

