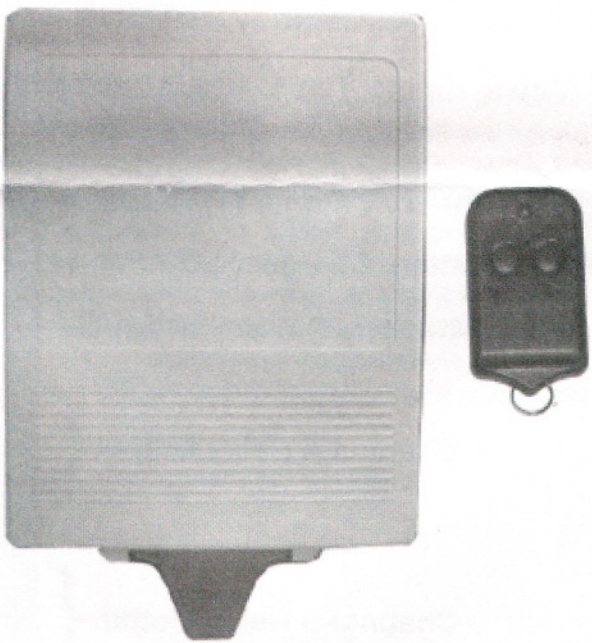
2-CHANNEL WIRELESS REMOTE CONTROL SYSTEM EWC-2

"Fingertip control without hard-wiring"
CONTROL TWO LOW VOLTAGE DEVICES OR OPERATIONS
FROM A CONVENIENT POCKET SIZED REMOTE



THANK YOU FOR PURCHASING THIS UNIT.
FOR OPTIMUM PERFORMANCE, PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY.

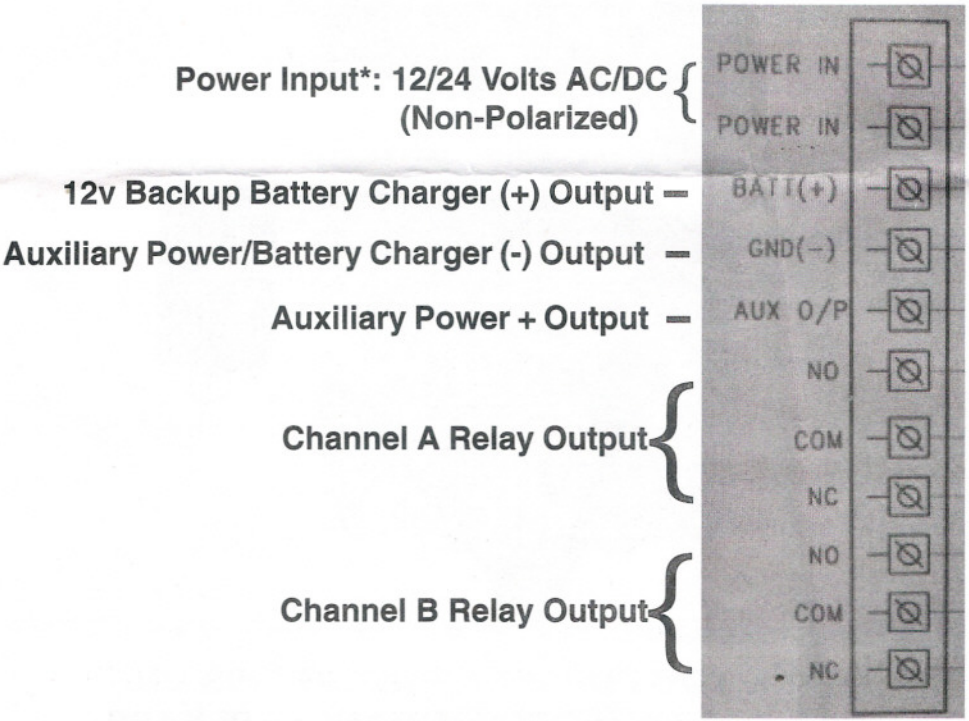
Full Feature 2-Channel Wireless Receiver

Model EWC-2

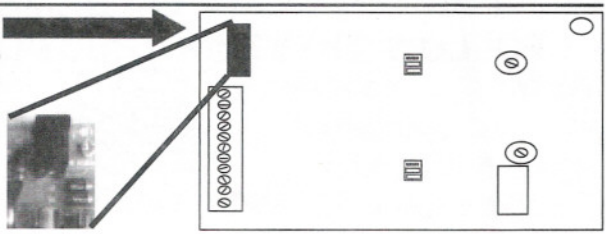
•UNIVERSAL OPERATION
•LONG RECEIVING RANGE
•EASY TRANSMITTER CODE SETTING
•MOMENTARY, TIMED AND RATCHET RELAY MODES

The EWC-2 is a 2-channel RF receiver designed for a wide range of applications. 2-channel operation permits control of 2 devices through separate 5A N.O./N.C. relay contacts, 1-60 sec./min. (Approx.) timer & built-in ratchet relay with LED and piezo indicators for each channel. Power may be obtained from a 12 or 24 volt AC or DC source, and a built-in battery charger and connections for a 12 VDC sealed lead-acid backup battery are provided. Also provided is a fused 500mA power supply for auxiliary devices.

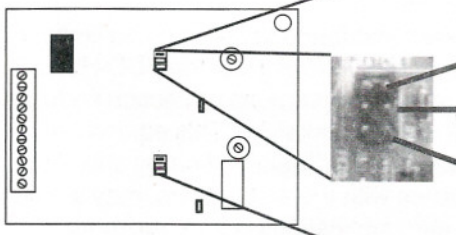
Terminal Connections



***DC Power may also be connected using power supply jack (Center Positive) located above terminal strip on circuit board.**



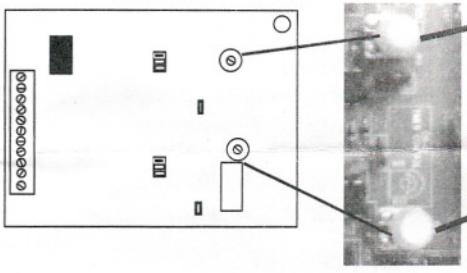
Operating Features Are Controlled By A Series Of Jumpers On The Circuit Board Their Function And Location On the Board Are As Follows:



Jumpers For Selecting Channel A Relay Options (J1A)

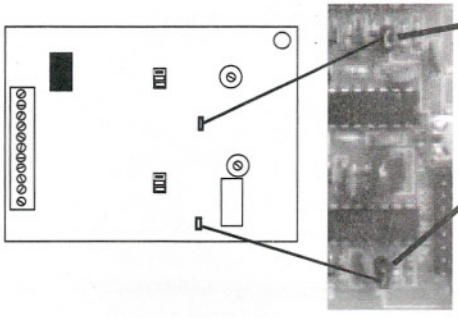
Jumper In 1st Position = Momentary
(Relay Activates As Long As Button Is Held)
Jumper In 2nd Position = Variable Timed
(Relay Activates For Interval Set By Timer)
Jumper In 3rd Position = Ratchet
(Relay Alternates Between Open And Closed Each Time Button Is Pressed)

Jumpers For Selecting Channel B Relay Options (J1B)



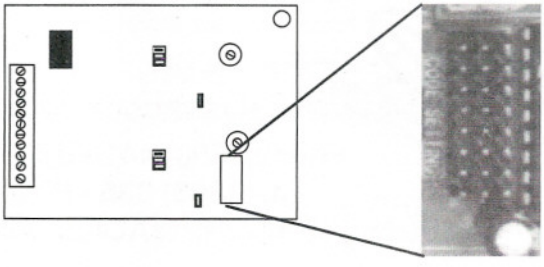
Channel A Timer Duration Setting:
Increase Time Clockwise
(J1A In 2nd Position)

Channel B Timer Duration Setting:
Increase Time Clockwise
(J2A In 2nd Position)



Channel A Timer Seconds/Minutes Selection :
W/Jumper, Approx. 1-60 Sec.; W/O Jumper Approx. 1-60 Min. (J1A In 2nd Position).

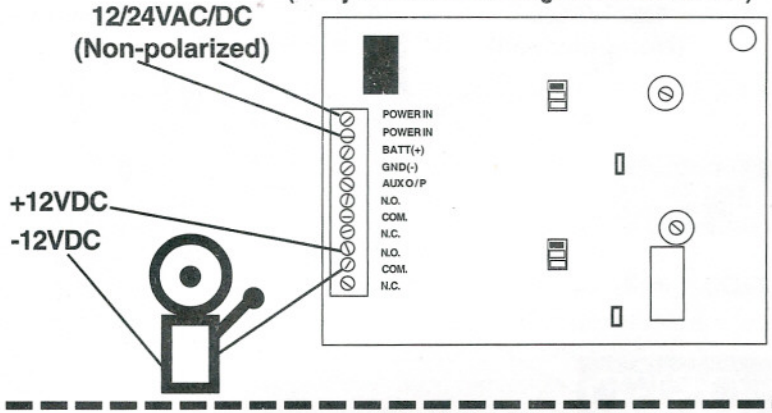
Channel B Timer Seconds/Minutes Selection:
W/Jumper, Approx. 1-60 Sec.; W/O Jumper Approx. 1-60 Min. (J2A In 2nd Position).



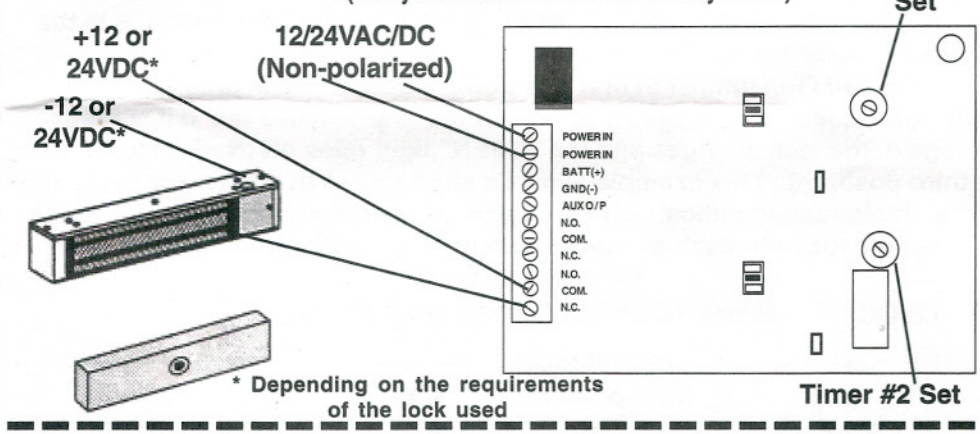
Jumpers For Selecting Code Settings:
Simply Match Sequence Of Jumpers On Receiver To Jumpers On Transmitters)

EXAMPLES OF POPULAR APPLICATIONS

For Doorbell Or Other Annunciator:
Jumper In 1st Position = Momentary
(Relay Activates As Long As Button Is Held)

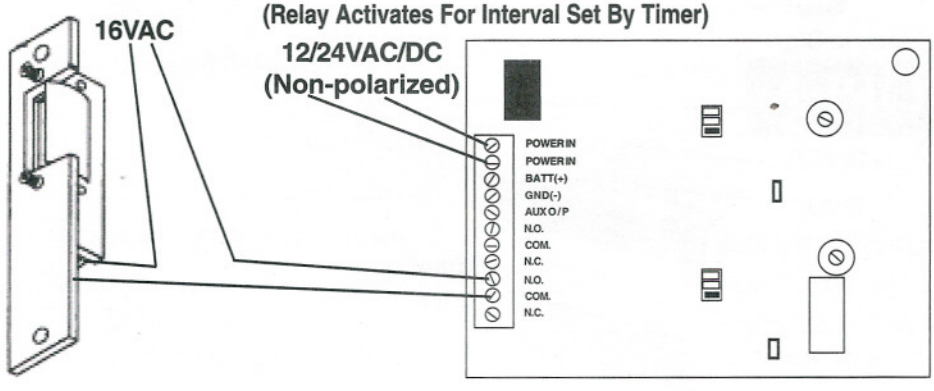


For Magnetic Door Lock:
Jumper In 2nd Position = Variable Timed
(Relay Activates For Interval Set By Timer)

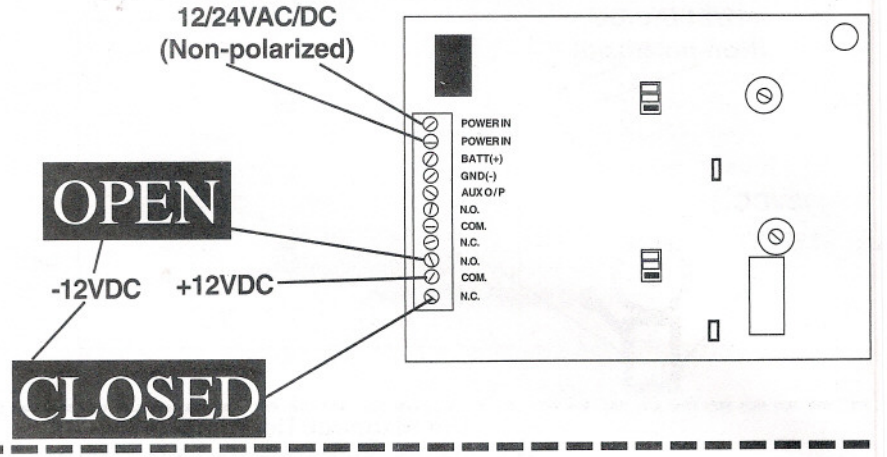


* Depending on the requirements of the lock used

For Electric Door Strike:
Jumper In 2nd Position = Variable Timed
(Relay Activates For Interval Set By Timer)



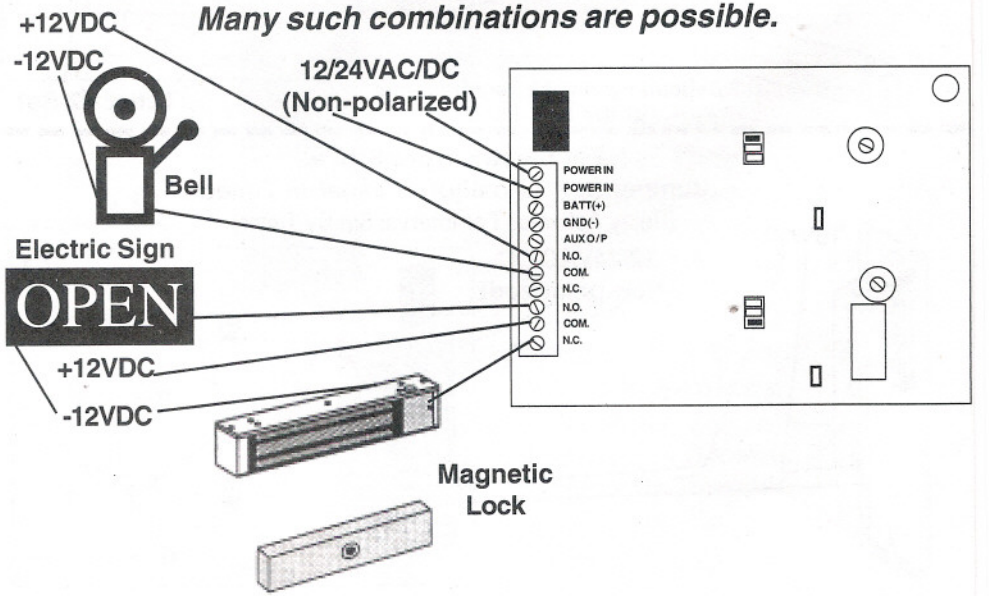
For Electric Light or Sign:
Jumper In 3rd Position = Ratchet
(Relay Alternates Between Open And Closed Each Time Button Is Pressed, So That "OPEN" Sign Comes On When "CLOSED" Sign Goes OFF And The Reverse)



NOTE:

A different function may be used with each button. For example in the diagram below, when button #1 is pushed, a bell will sound until button #1 is released (Top jumper in first position). If button two is pressed once, the magnetic lock disengages and the "OPEN" light comes on; if it is pressed again, the lock engages and the "OPEN" light goes off (Bottom jumper in third position). This example allows a store owner to control his main door with signage to indicate store is open, as well as to signal employees in remote location such as stock room or shop, all from a single key chain style remote transmitter.

Many such combinations are possible.



Notice: Elyssa Corporation assumes no liability for damage due to the use of this product. Elyssa Corporation reserves the right to change this manual at any time.

FCC Caution: Changes or modifications not expressly approved by Elyssa Corporation could void the users authority to operate this equipment.

FCC Note: This equipment has been tested and found to comply with limits for a class B digital device, persuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Situate equipment as far away as possible from heat sources.

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