



**INSTALLATION
INSTRUCTIONS**

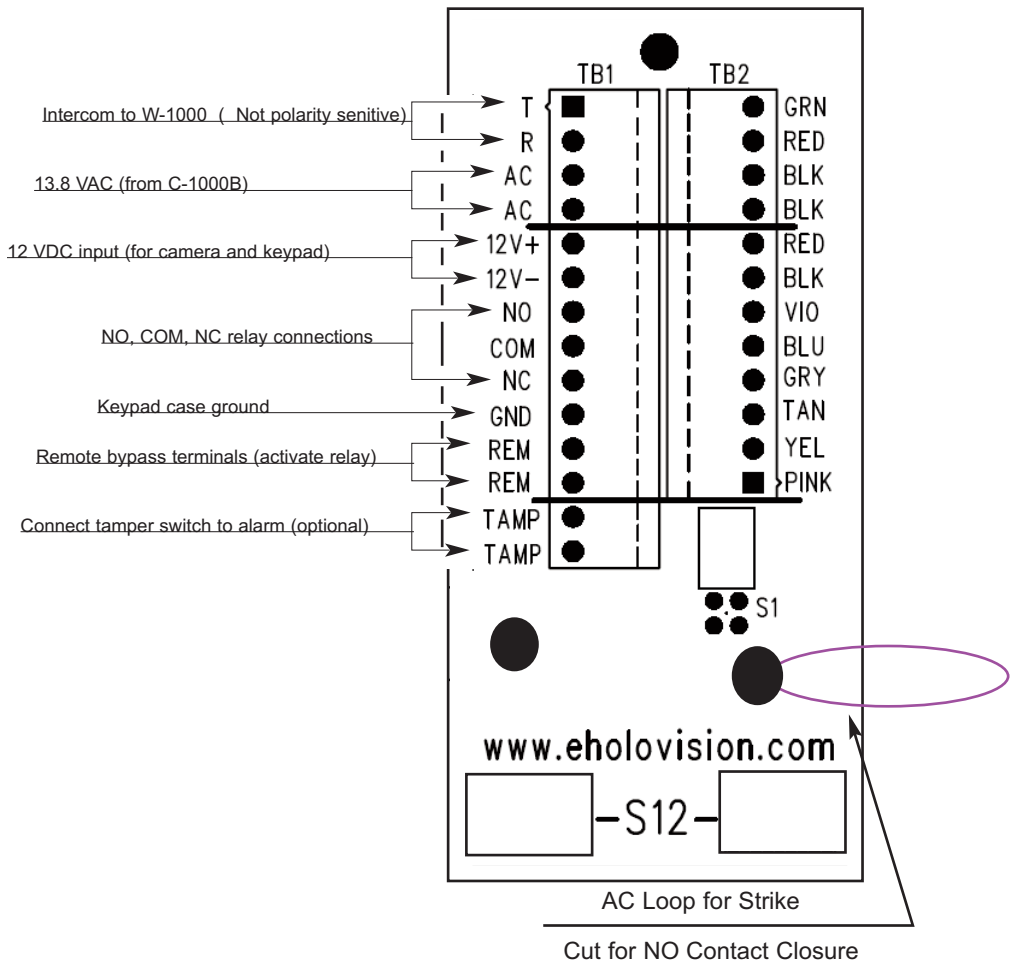
Manual Type 6.2.0.5-RF
Viking W-1000 with Essex
“S-12 Stand - Alone” Keypad

For Models

400-S12-VIK	401-S12-VIK
403-S12-VIK	404-S12-VIK
410-S12-VIK	411-S12-VIK

Specifications

<p>Communication Viking W-1000 Doorbox uses “half-duplex” communication, allowing for high speaker and microphone volume, without the possibility of feedback</p>	<p>Access Control Essex “stand-alone” 12 button keypad 1 relay plus 2 grounding outputs (external relays required) 500 users 12 VDC power supply included</p>
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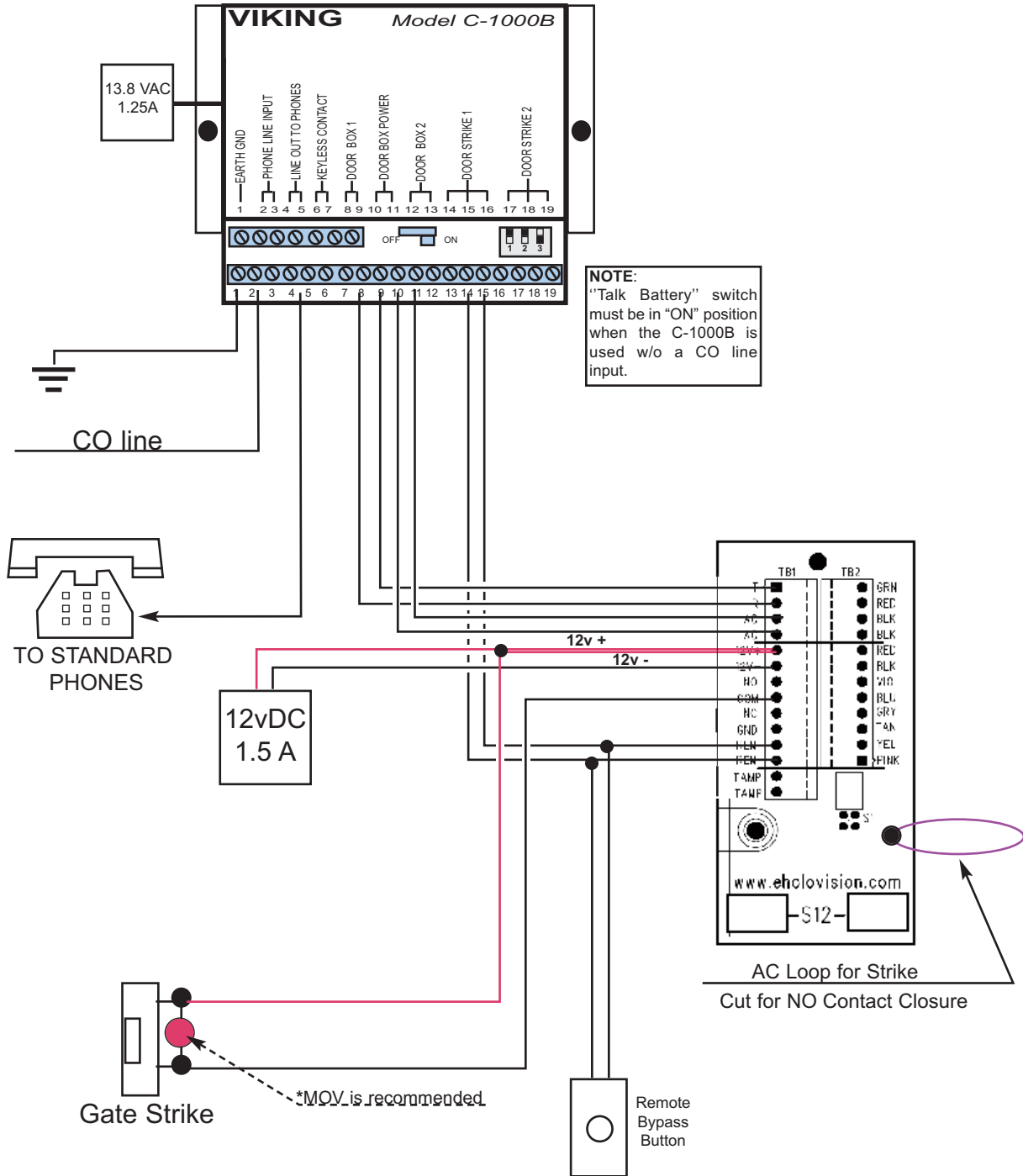
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HOLOVISION

Essex Keypad Wiring

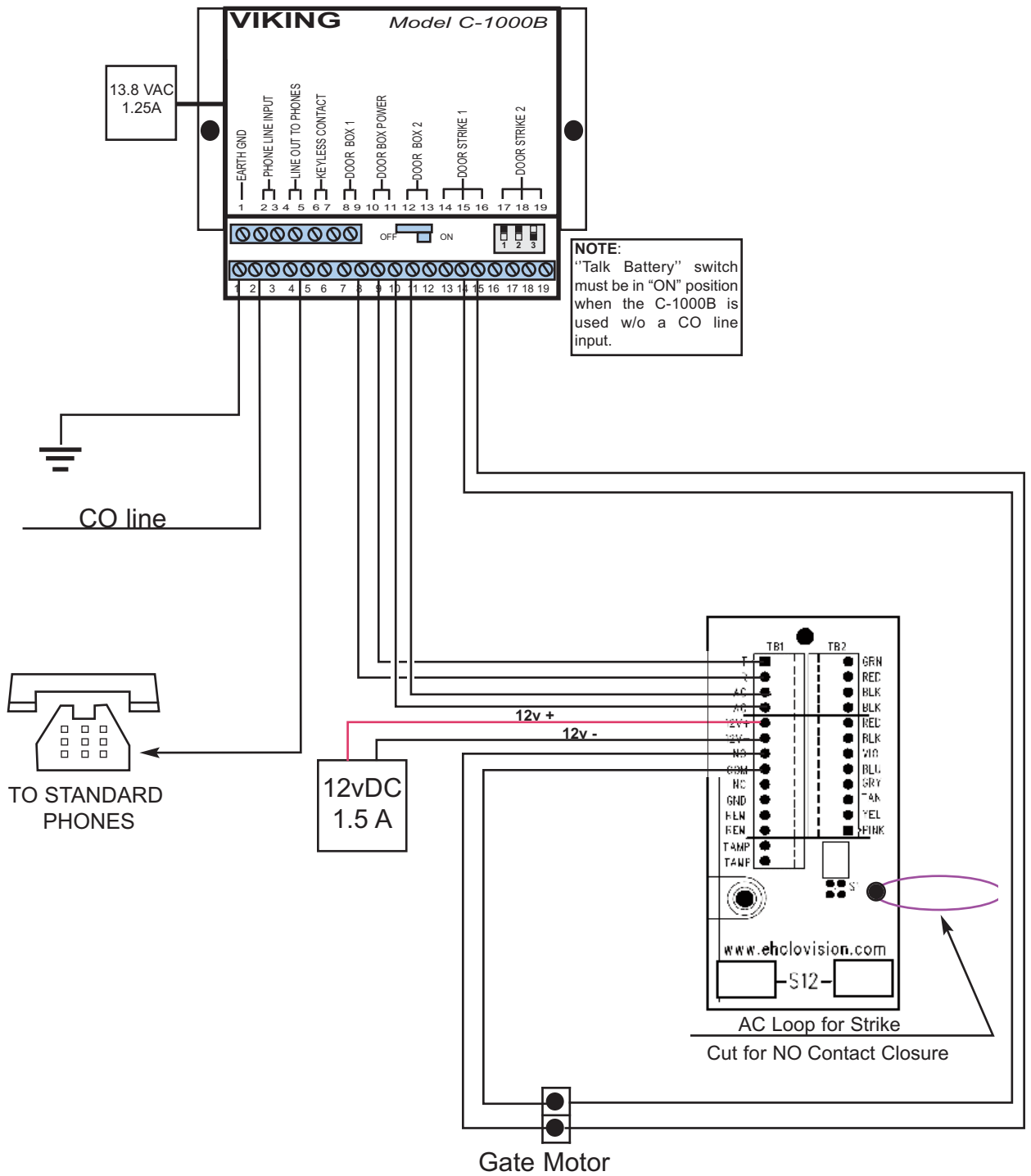
DC Out for Gate Strike



NOTE: MOV (metal oxide varistor) is the small red component which is included. Its purpose is to absorb "inductive kick back" which can be created when power is removed from the strike. Loop is required from 12v positive to contact common for DC power to strike.

Essex Keypad Wiring

Contact Closure for Gate Operation



W-1000 Adjustments and Programming

Microphone Volume

In certain noisy locations (traffic or wind), the microphone volume may need to be decreased. A symptom of this is one-way talk path, in which the distant party cannot be heard over the speaker. A "MIC VOL" adjustment is provided on the doorphone for increasing or decreasing the microphone volume.

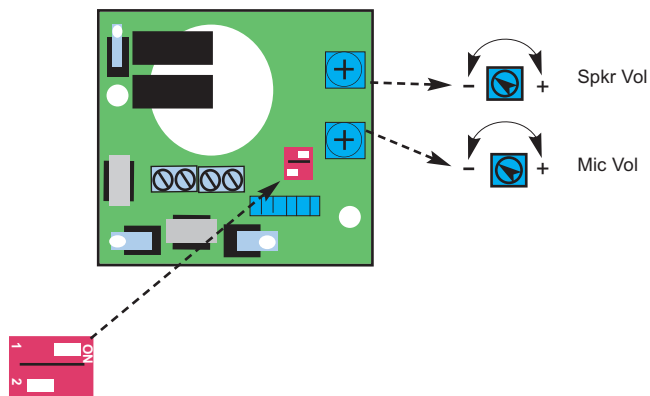
Speaker Volume

The "SPKR VOL" pot can be adjusted to increase or decrease the speaker volume to the desired level.

Maximum Number of Rings

The maximum number of rings can be adjusted using the DIP switches.

Sw 1	Sw 2	Max Rings
OFF	OFF	2
ON	OFF	3
OFF	ON	10
ON	ON	30



The C-1000 controller is factory set to work right out of the box. If customization of the default settings is required, see the steps listed below. Refer to the C-1000 manual for additional options

C-1000B Door Controller Programming

Step	Action
1	Disconnect the PHONE LINE INPUT.
2	Slide the TALK BATTERY switch to the ON position.
3	Move DIP SWITCH 2 from OFF to ON.
4	Connect a phone to terminals 4 & 5 - LINE OUT TO PHONES.
5	Pick up the phone (you will hear a double beep - indicating that you have accessed the PROGRAMMING MODE).
6	You can now Touch Tone program the features listed below. SEE HOLOVISION Programming NOTES.
7	When Finished, hang up and move DIP SWITCH 2 to the OFF position
8	Slide the TALK BATTERY switch back to the OFF position
9	Reconnect line to PHONE LINE OUT

HOLOVISION's Programming Notes

Doorstrike Activation Time - Generally the default setting of 1/2 sec is fine. The momentary contact can open a motorized gate, or activate the relay on the "S-12" keypad. For other keypad types this will be changed.

Doorbell Mode (*1)- phones will not ring when doorbell is pushed. This is useful when conventional door chimes are desired. In order to use this feature, the Auxiliary Contacts must be programmed. (see above)

Custom Ring Mode (*2)- Distinguishes doorbox ring from CO ring when connected to KSU.

CCTV Video Control Mode (*8)- The C-1000B can switch 2 CCTV cameras, displaying the camera at the doorbox which initiates the call. This mode cannot be used when the "Auxiliary Contacts" are being used.

Disable Special Modes (*0) - Use this command to disable (clear) all special modes programmed.

REFER TO C-1000B MANUAL FOR MORE INFORMATION ON THESE, AND OTHER MODES OF OPERATION.

Return to normal use mode

Step	Action
1	Slide the TALK BATTERY switch to the OFF position.
2	Move DIP SWITCH 2 from ON to OFF.
3	Re-connect the PHONE LINE INPUT and LINE OUT TO PHONES.

OPERATION OF C-1000B

ANSWER A CALL FROM DOORBOX

When the phones ring, pick up a phone to be connected to the visitor. When the C-1000B controller is used, you will hear a beep tone when the phone is answered - one beep for doorbox 1, and 2 beeps for doorbox 2.

PLACING CO LINE CALLS ON HOLD (CALL WAITING)

If a phone call is in progress, and a door box is activated, a single or double "call waiting" tone will be heard. To place the call in progress on hold and speak to the visitor, push #. When you want to return to the original phone call, push #.

ACTIVATING A DOORSTRIKE OR OPENING A GATE

To open the gate, you must first be connected to the doorbox. Push **. You will then hear a confirmation tone, and the relay will be activated for the programmed time. If a call was already in progress, pressing ** will open the gate, and return the system to the original phone call.

LATCH / UNLATCH A GATE

To use this feature, you must first be connected to the doorbox.

Latch relay 1 or 2 * 1

Unlatch relay 1 or 2 * 0

Programming the Essex Keypad

Set Keypad Illumination to **ON ALL OF THE TIME**

STEP	ACTION	BEEP	Red LED	Green LED
1	Remove power			
2	Jumper the "CONFIG" pins on the rear of the keypad . V = 12			
3	Apply 12 VDC power to red and black wires	Quadruple Beep	Flash	Solid
4	Enter 9 9 followed by #	Double Beep	Flash	Solid
5	Enter 2 1 4 followed by #	Triple Beep	Flash	Solid
6	Remove power			
7	Remove "CONFIG" jumper			
8	Reapply power			

Set Master Code

STEP	ACTION	BEEP	Red LED	Green LED
1	The default Master Code is "123". This can be changed to a unique code 3 - 8 digits long			
2	Enter * 3 1 2 3 #	Double Beep	Fast Flash	Solid
3	Enter 1 #	Double Beep	Fast Flash	Slow Flash
4	Enter new master code, followed by #	Triple Beep	Fast Flash	Solid
5	Enter * *	Double Beep		
6	EXAMPLE: old code is 123, new code is 456 * 3 1 2 3 # 1 # 4 5 6 # * *			

Note: If the User ID, or User Code/PIN has already been assigned, you will hear one long beep when # is entered. In this case, choose a different User ID / PIN, or see the instructions for changing or deleting codes.

DEFAULT USER CODE & MASTER CODE IS "123#"

Programming the Essex Keypad

Set User Codes

STEP	ACTION	BEEP	Red LED	Green LED
1	The Master Code is necessary to do this step. Master Code "123" is used as an example.			
2	Enter * 1 1 2 3 #	Double Beep	Slow Flash	Solid
3	Enter 1 # N	Double Beep	Slow Flash	Slow Flash
4	Enter 1st User ID (1-500), followed by # N	Double Beep	Slow Flash	Fast Flash
5	Enter 1st User Code/PIN, followed by # N	Double Beep	Slow Flash	Fast Flash
6	Enter # to complete User 1 programming N	Triple Beep	Slow Flash	Slow Flash
7	Enter 2nd User ID (1-500), followed by #	Double Beep	Slow Flash	Fast Flash
8	Enter 2nd User Code/PIN, followed by #	Double Beep	Slow Flash	Fast Flash
9	Enter # to complete User 2 programming	Triple Beep	Slow Flash	Slow Flash
10	Enter * * * *	Double Beep X 2		
Example for entering user code 1 and 2- * 1 1 2 3 # 1 # 1# 4 5 6 ## 2 # 7 8 9 ## * * * *				

Changing User Codes - using User ID

STEP	ACTION	BEEP	Red LED	Green LED
1	The Master Code is necessary to do this step. Master Code "123" is used as an example.			
2	Enter * 1 1 2 3 #	Double Beep	Slow Flash	Solid
3	Enter 2 #	Double Beep	Slow Flash	Slow Flash
4	Enter User ID to be changed (1-500), followed by #	Double Beep	Slow Flash	Fast Flash
5	Enter new User Code/PIN, followed by # N	Double Beep	Slow Flash	Fast Flash
6	Enter # to complete programming	Triple Beep	Slow Flash	Slow Flash
7	Enter * * * *	Double Beep X 2		
Example for changing user code 1- * 1 1 2 3 # 2 # 1 # 7 8 9 ## * * * *				

N **Note:** If the User ID, or User Code/PIN has not been assigned, you will hear one long beep when # is entered.

Programming the Essex Keypad

Deleting User Codes - using User Code/PIN

STEP	ACTION	BEEP	Red LED	Green LED
1	The Master Code is necessary to do this step. In this example, the Master Code is 123			
2	Enter * 1 1 2 3 #	Double Beep	Slow Flash	Solid
3	Enter 5 # N	Double Beep	Slow Flash	Slow Flash
4	Enter User Code/PIN to be changed, followed by #	Double Beep	Slow Flash	Fast Flash
5	Enter new User Code/PIN, followed by #	Double Beep	Slow Flash	Fast Flash
6	Enter # to complete programming	Triple Beep	Slow Flash	Slow Flash
7	Enter * * * *	Double Beep X 2		

Example for deleting user code # 456- * 1 1 2 3 # 5 # 4 5 6 # 7 8 9 # # * * * *

Deleting User Codes - using User ID

STEP	ACTION	BEEP	Red LED	Green LED
1	The Master Code is necessary to do this step. In this example, the Master Code is 123			
2	Enter * 1 1 2 3 #	Double Beep	Slow Flash	Solid
3	Enter 4 #	Double Beep	Slow Flash	Slow Flash
4	Enter 1st User ID to be deleted (1-500), followed by # N	Triple Beep	Slow Flash	Fast Flash
5	Enter 2nd User ID to be deleted (1-500), followed by # N	Triple Beep	Slow Flash	Fast Flash
6	Enter * * * *	Double Beep X 2		

Example for deleting user ID 1 and 2- * 1 1 2 3 # 4 # 1 # 2 # # * * * *

N **Note:** If the User ID, or User Code/PIN has not been assigned, you will hear one long beep when # is entered.

Programming the Essex Keypad

Reset Keypad to Factory Defaults--- This is not normally necessary, but can be done as follows

STEP	ACTION	BEEP	Red LED	Green LED
1	Remove power			
2	Jumper the "CONFIG" pins on the rear of the keypad			
3	Apply 12 VDC power to red and black wires ONLY	Quadruple Beep	Flash	Solid
5	Enter 0 0 9 9 #	Double Beep	Flash	3 Sec Flash
6	WAIT about 4 seconds	Quadruple Beep	Flash	Solid
7	Enter 9 9 #	Triple Beep	Flash	Solid
8	Remove power			
9	Remove "CONFIG" jumper			
10	Reapply power			

Setting Main Relay Opening Time

STEP	ACTION	BEEP	Red LED	Green LED
1	The default Master Code is "123". This can be changed to a unique code 3 - 8 digits long.			
2	Enter *3 1 2 3 #	Double Beep	Slow Flash	Solid
3	Enter 2 #	Double Beep	Slow Flash	Slow Flash
4	Enter the desired activation time in Seconds followed by #	Triple Beep	Slow Flash	Solid
5	Enter * * to exit			
6	Example: 2 # 10 # * * (10 second activation time)			

Note: If the User ID, or User Code/PIN has not been assigned, you will hear one long beep when # is entered.



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