



INSTALLATION INSTRUCTIONS

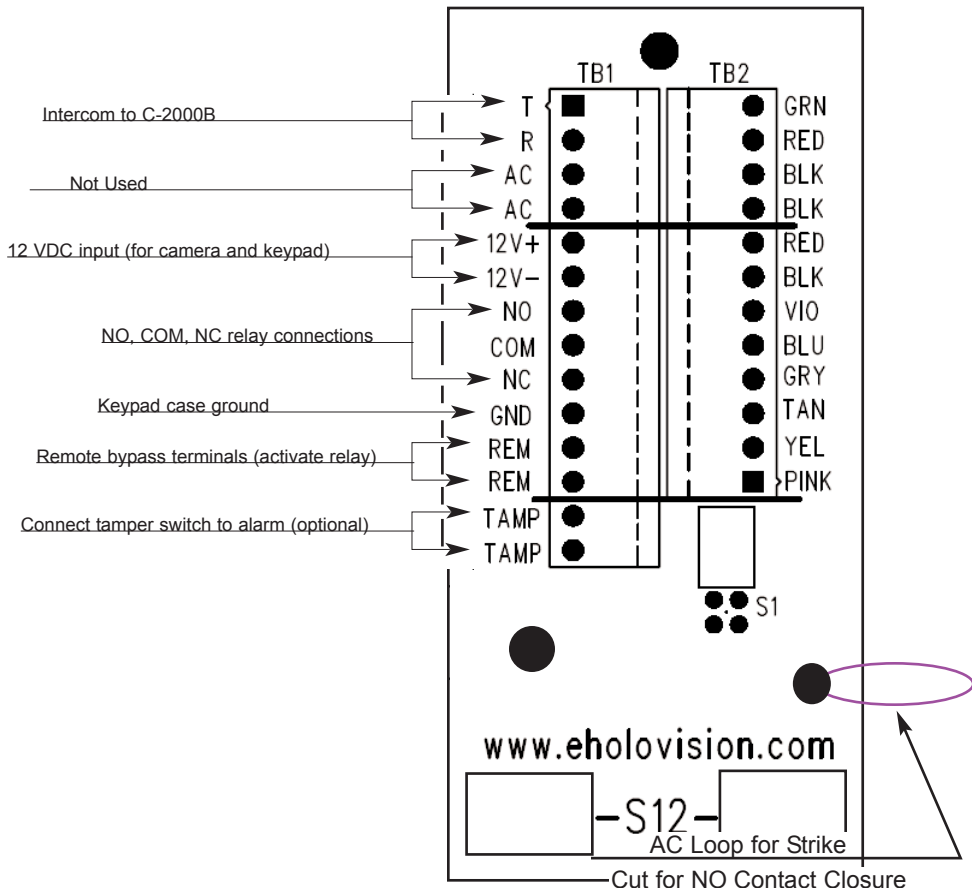
Manual Type 6.2.0.3-RF

Viking E-10 with C-2000B Controller and
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	
Communication Viking E-10 Doorbox uses "half-duplex" communication, allowing for high speaker and microphone volume, without the possibility of feedback.	Access Control Essex "stand-alone" 12 button keypad 1 relay plus 2 grounding outputs (external relays required) 500 users 12 VDC power supply included



400 Series "S-12" Junction Board

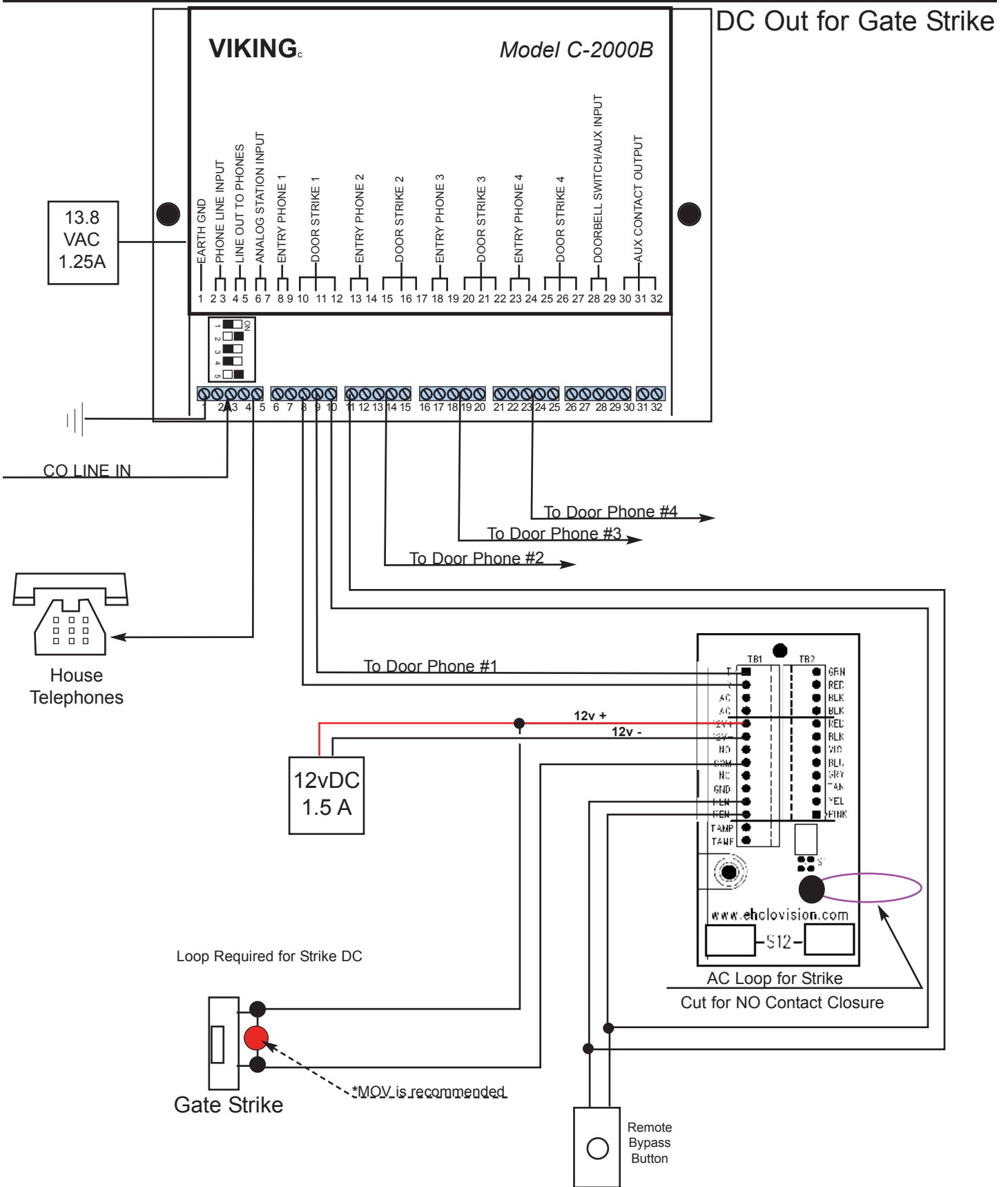
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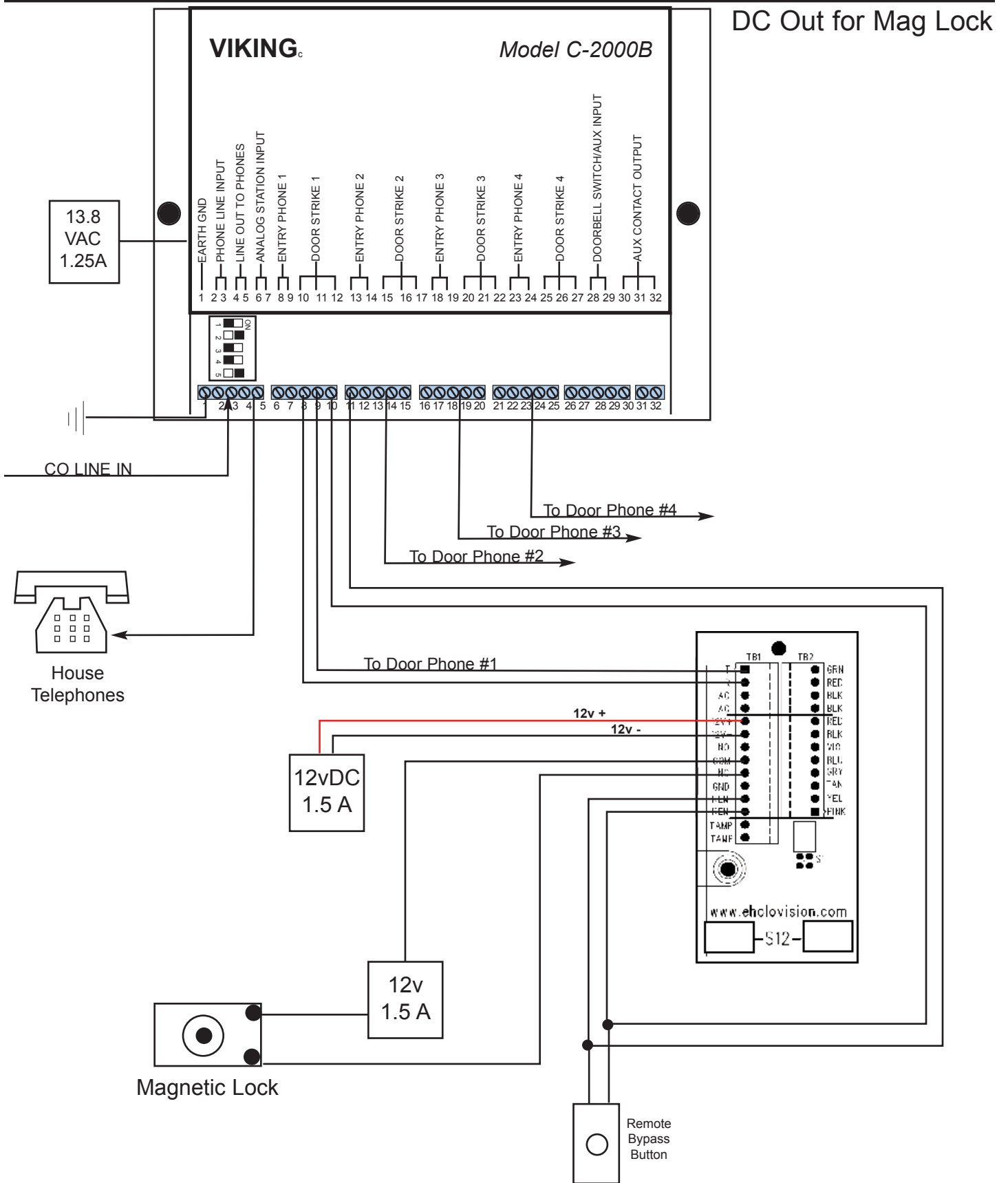
HOLOVISION

C-2000B & S12 Keypad Wiring



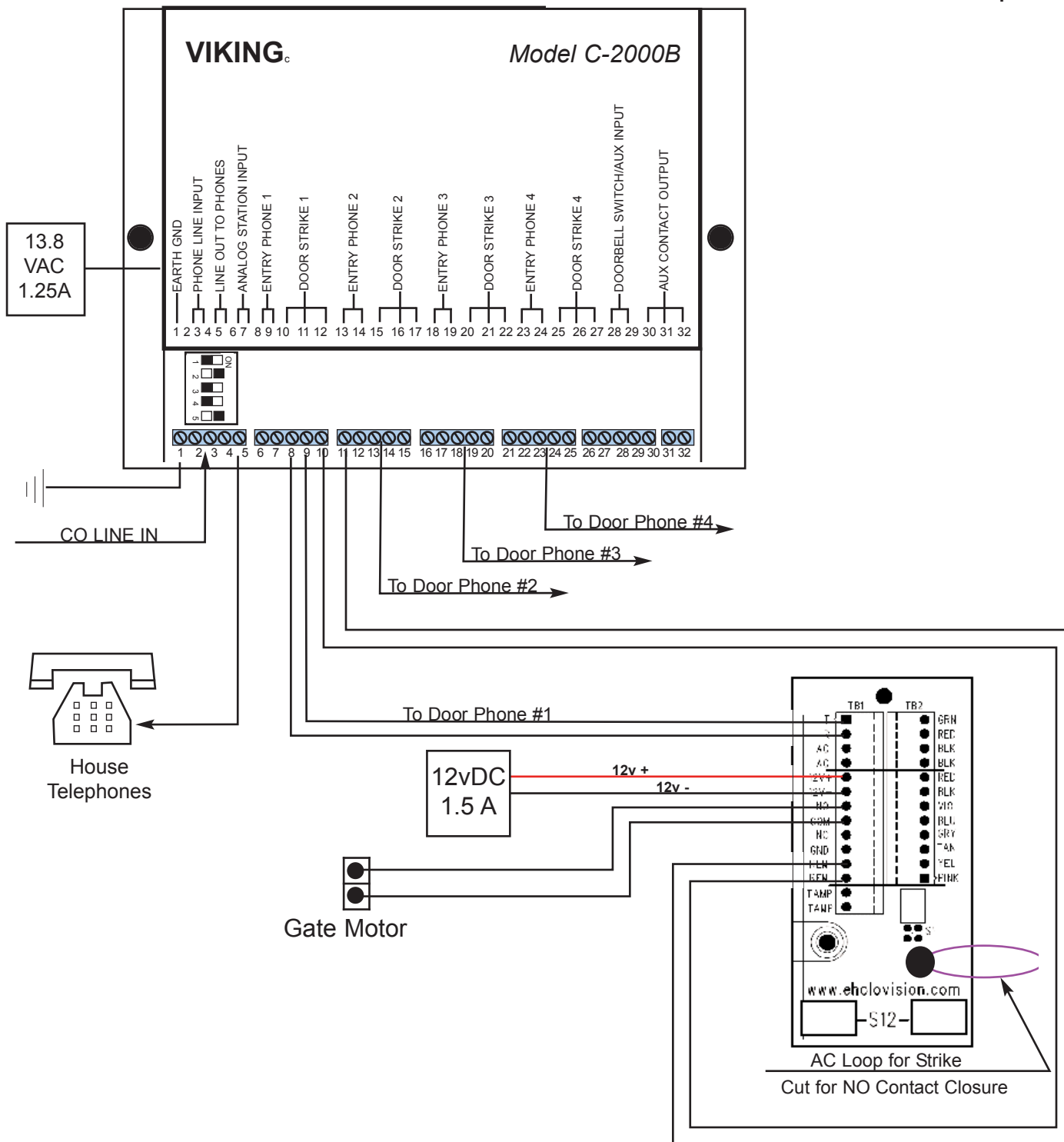
NOTE: MOV (metal oxide varistor) is the small red component which is included. Its purpose is to absorb "inductive kick back" which can be created when power is removed from the strike.
 Loop is required from 12v positive to contact common for DC power to strike.

C-2000B & S12 Keypad Wiring



C-2000B & S12 Keypad Wiring

Contact Closure for Gate Operation



Doorphone Programming

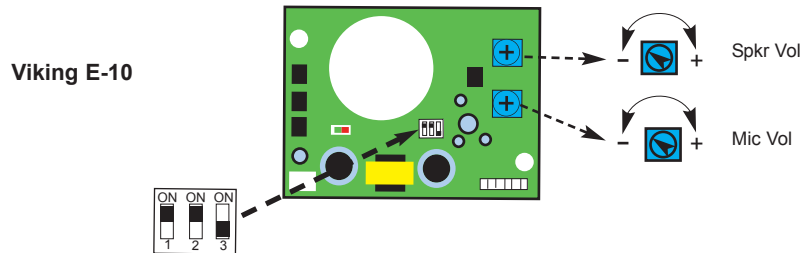
Instructions for E-10 and E-40 Doorphones

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.

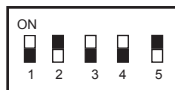


Dip Switch Settings

DIP Switch	Position	Description
1	ON	Auto Answer - Doorphone answers when incoming call is detected.
2	ON	Call Timer - See E-10 manual for a description of this feature. Recommended setting is "ON". This is the factory default.
3	OFF	Programming Mode - E-10 is factory pre-set, and normally does not need re-programming. Refer to E-10 manual (Viking document which is included) for details

Holovision recommends the default settings on the dip switches. See the E-10 or E-40 manual for more information.

Instructions for C-2000B Controller



Dip Switch Settings C-2000B

DIP Switch	Position	Description
1	OFF	Auxiliary Contact Mode
1	ON	Doorbell Mode- Factory Default
2	OFF	Normal Operation Mode- Factory Default
2	ON	Security Code Bypass Mode
3	OFF	Entry Phone automatic disconnect (CPC) disabled
3	ON	Entry Phone automatic disconnect (CPC) enabled- Factory Default
4	OFF	Entry Phone busy signal disabled
4	ON	Entry Phone busy signal enabled- Factory Default
5	OFF	Single Line Ring Through Mode- Factory Default
5	ON	Analog Station Dial Through Mode

Instructions for C-2000 Controller

The C-2000 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-2000 manual for additional options

Access Programming Mode (Local Access)

STEP	ACTION
1	Move DIP switch 2 from OFF to ON position.
2	Come off-hook with any house phone connected to terminals 4 & 5 LINE OUT TO PHONES .
3	Double beep indicates accessing the programming mode.
4	You can now program the C-2000A. The features covered in this manual are Maximum Doorphone Ring Count and Door Strike Activation Time . For information on programming other features see the Viking C-2000 manual.
5	Move DIP switch 2 back to the OFF position.

Maximum Doorphone Ring Count - Factory Default is 5 Rings

STEP	ACTION
1	Follow steps 1-3 from " Access Programming Mode " (above).
2	At "double beep" enter desired number of rings, followed by #61. Example: For 7 rings, enter "07#61".
3	Hang up the phone.

Program Gate Strike Relays - Factory Default is 0.5 Seconds

STEP	ACTION
1	Follow steps 1-3 from " Access Programming Mode " (above).
2	At "double beep" enter desired number of seconds of strike activation, followed by: #19 for Gate 1, #29 for Gate 2, #39 for Gate 3, #49 for Gate 4 Examples: Set Gate 1 for 8 seconds (08#19); Set Gate 3 for 15 seconds (15#39)
3	Hang up the phone.

Operation Instructions for C-2000B Controller

ANSWER A CALL FROM DOORBOX

When the phones ring, pick up a phone to be connected to the visitor.

PLACING CO LINE CALLS ON HOLD (CALL WAITING)

If a phone call is in progress, and a doorbox is activated, one to four beeps will be heard (indicating which doorphone is calling). 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

When a call is in progress, press *# open the gate and return to the original call. If you do not want to open the gate, press # to return to the original call.

Strike can be activated with out the need of a "call-first" to the entry phone. Refer to the list below for codes for specific entry relays.

Entry Relay	Strike Code
1	#1**
2	#2**
3	#3**
4	#4**

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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