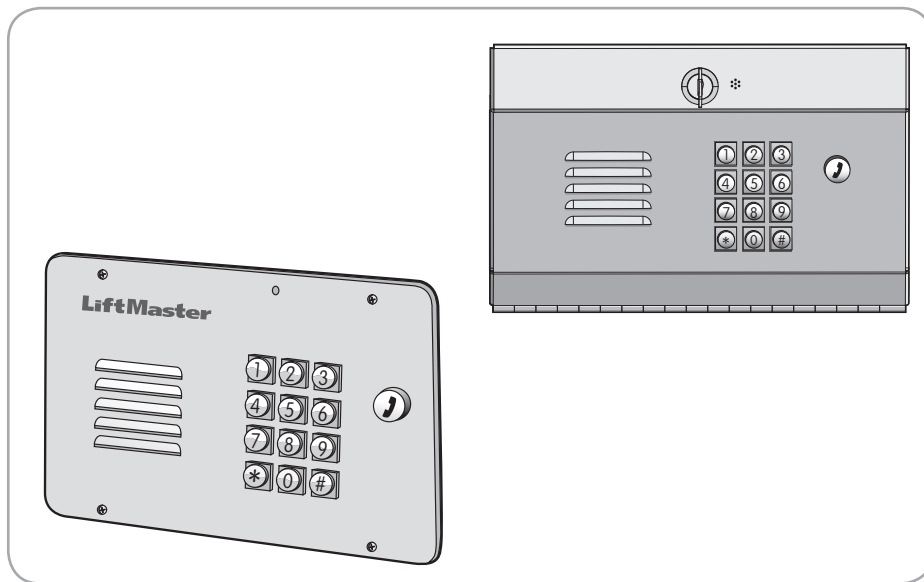# LiftMaster®

TAC2C & TAC2D

TAC1 RETROFIT KIT FOR CROWN JEWEL & DOORKING 1812® SYSTEMS

Programming Guide

PROGRAMMING » KEYPAD

NOTE: *Use the STAR Key "*" to cancel any input.*

PROGRAMMING INSTRUCTION	SYNTAX	KEYSTROKES
General Programming	Master Code + Command	1234 + 1 (12,123)
Code Programming	Master Code + Command + Code	1234 + 1 (12) + 1234
Relay Programming	Master Code + Command + Setting	1234 + 123 + 1234
Level Adjustment	Master Code + Command + Setting	1234 + 12 + 1-3

NOTE: *Keypad commands are to be entered in a single string to result in success (indicated by double high success tone). Stop and go keystrokes will result in negative tones (low single and triple fail tones).*

CHANGE THE MASTER CODE

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `9` The unit will beep.

3. Enter: `#` `#` `#`

4. Enter the new Master Code: `?` `?` `?` `?`
   The unit will beep.

Write down the Master Code and store in a secure location.

ENABLE TELCO MODE

Telco Mode is using the main telephone line for the unit's communications to the house or complex.

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `4`

ENABLE INTERCOM (NO TELCO) MODE

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `3`

MICROPHONE SENSITIVITY

Allows the resident to hear the visitor at the unit,
1 = Low, 2 = Medium and 3 = High. **Default level is 2.**

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `7`

3. Enter the Volume Level: `1` or `2` or `3`

SPEAKER VOLUME

Allows the visitor to hear the resident at the unit,
1 = Low, 2 = Medium and 3 = High. **Default level is 2.**

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `6`

3. Enter the Volume Level: `1` or `2` or `3`

ENABLE PARALLEL RELAY OUTPUT (DEFAULT)

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `2` `1`

ENABLE INDEPENDENT RELAY OUTPUT CONTROL

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `2` `3`

ADJUST RELAY OUTPUT TIME (RELAY 1)

The amount of time (in seconds) the relay remains active. Default level is 0.5 seconds.

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `2` `4`

3. Enter the Output Time (in seconds): `?` `?` `?` `?`
   Example:
   0000 = 0.5 Seconds (Minimum)
   0010 = 10 Seconds
   8000 = 8000 Seconds (Maximum)

ADJUST RELAY OUTPUT TIME (RELAY 2)

The amount of time (in seconds) the relay remains active. Default level is 0.5 seconds.

1. Enter the Master Code: `?` `?` `?` `?`

2. Enter the Program Code: `0` `2` `5`

3. Enter the Output Time (in seconds): `?` `?` `?` `?`
   Example:
   0000 = 0.5 Seconds (Minimum)
   0010 = 10 Seconds
   8000 = 8000 Seconds (Maximum)

PROGRAMMING » KEYPAD

CODE SETUP

The unit's Master Code is for owner/administrator level commands. The User Codes allow users to activate and latch relays 1 and 2.

NOTE: *The User Code cannot be the same as the Master Code.*

ENTER A USER CODE NUMBERS

1. Enter the Master Code: ? ? ? ? The unit will beep.

2. Enter the Program Code: 9 The unit will beep.

3. Enter New User Code: ☐ ☐ ☐ ☐

4. Enter the Relay for the Code to control: 1 or 2 or no button is pressed.

NOTE: *If no button is pressed in step 4, both relays will activate simultaneously.*

DELETE USER CODE NUMBERS

1. Enter the Master Code: ? ? ? ? The unit will beep.

2. Enter the Program Code: 7 The unit will beep.

3. Enter User Code to be deleted: ☐ ☐ ☐ ☐

CODE OPERATION

MASTER CODE OPERATIONS

TRIGGER RELAY 1 (ONLY)

Enter the Master Code: ? ? ? ?

NOTE: *Requires Relay 2 be in Independent Mode.*

ENABLE VACATION (LOCK DOWN) MODE

Locks the unit from all User Code activity.

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 5 2

DISABLE VACATION (LOCK DOWN) MODE

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 5 3

TRIGGER RELAY 1

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 1

TRIGGER RELAY 2

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 2

USER CODE OPERATIONS

TRIGGER PROGRAMMED RELAY FOR USER CODE

Enter the User Code: ? ? ? ?
The Relay will activate.

ENTER A TEMPORARY (1 SHOT) USER CODE NUMBER

The unit holds 1 temporary User Code.

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 5 1 The unit will beep.

3. Enter the Temporary User Code: ☐ ☐ ☐ ☐

4. Enter the Relay for the Code to control: 1 or 2 or no button is pressed.
NOTE: *If no button is pressed in step 4, both relays will activate simultaneously. Expires in 24 hours or after first use.*

ENGAGE PARTY MODE (RELAY 1)

Party Mode will latch relay.

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 5 4

To disengage party mode: Enter a valid code into the keypad or enter "*9" into the local telephone.

ENGAGE PARTY MODE (RELAY 2)

Party Mode will latch relay.

1. Enter the Master Code: ? ? ? ?

2. Enter the Program Code: 5 6

To disengage party mode: Enter a valid code into the keypad or enter "*5" into the local telephone.

NOTE: *Relay 2 must be in Independent Control Mode to engage Party Mode on relay 2. See page 2.*

TELEPHONE PROGRAMMING

ENABLE INTERCOM MODE

Enter the command tone: ✳ ✳ 0 3

ENABLE TELCO MODE

Enter the command tone: ✳ ✳ 0 7

ENABLE STANDARD (LONG) RING TONE

Enter the command tone: ✳ ✳ 1 4

ENABLE ALTERNATE (DUAL) RING TONE (DEFAULT)

Enter the command tone: ✳ ✳ 1 5

ADJUST "PICK UP" RING COUNT

1. Enter the command tone: ✳ ✳ 1 0

2. Enter the ring count: 2 through 5

ENABLE ALTERNATE DTMF PROGRAMMING

This feature changes the first programming digit from ✳ to #

Enter the command tone: ✳ ✳ 1 3

DISABLE ALTERNATE DTMF PROGRAMMING

Enter the command tone: # ✳ 1 6

CALL FORWARDING

ENTER CALL FORWARDING TELEPHONE NUMBER

Enter the command tone:
✳ # Up to a 14 Digit Telco Number #

VERIFY CALL FORWARDING NUMBER (VIA CALLER ID)

Enter the command tone: ✳ ✳ 0 6

Hang up the phone - Wait for the ring.

ERASE THE CALL FORWARDING NUMBER

Enter the command tone: ✳ ✳ # 8
NOTE: This command will also disable the call forwarding mode.

ENABLE CALL FORWARDING

Enter the command tone: ✳ ✳ 0 1

DISABLE CALL FORWARDING

Enter the command tone: ✳ ✳ 0 2

TELEPHONE COMMANDS

FROM LOCAL TELEPHONE

TRIGGER RELAY 1

Enter the command tone: ✳ 9

TRIGGER RELAY 2

Enter the command tone: ✳ 5

ENABLE PARTY MODE (RELAY 1)

Enter the command tone: ✳ ✳ 0 4
To disengage party mode: Enter "*9" into the local telephone.

ENABLE "DO NOT DISTURB" MODE

Enter the command tone: ✳ ✳ 1 1

DISABLE "DO NOT DISTURB" MODE

Enter the command tone: ✳ ✳ 1 2

FROM FORWARDED TELEPHONE

ACCEPT CALL FROM UNIT ON REMOTE TELEPHONE

Enter the command tone: 0

Extend talk time: "Talk" or press 0

TRIGGER RELAY 1

Enter the command tone: ✳ 9

TRIGGER RELAY 2

Enter the command tone: ✳ 5

CALL WAITING

Press "Flash" once to answer guest, Once again to return to outside call on telco line, if ✳ 9 or ✳ 5 is not pressed. If ✳ 9 (relay 1) or ✳ 5 (relay 2) is pressed, the TAC2 will automatically return to the telco line.

PROGRAMMING » QUICK REFERENCE

KEYPAD PROGRAMMING

PROGRAMMING NUMBER	DESCRIPTION OF TASK	FACTORY SETTING	PROGRAMMING PROCEDURE
1	Trigger Relay One		Master Code (4 digits) + 1
2	Trigger Relay Two		Master Code (4 digits) + 2
7	Delete User Code		Master Code (4 digits) + 7 + User Code that is to be deleted (4 digits)
9	Enter User Code		Master Code (4 digits) + 9 + New User Code (4 digits) + Relay Associated with the User Code (1 or 2)
03	Enable Intercom (No-Telco) Mode		Master Code (4 digits) + 03
04	Enable Telco Mode	Enabled	Master Code (4 digits) + 04
06	Speaker Volume	Level 2	Master Code (4 digits) + 06 + Volume Level (1 = Low, 2 = Medium or 3 = High)
07	Microphone Sensitivity	Level 2	Master Code (4 digits) + 07 + Volume Level (1 = Low, 2 = Medium or 3 = High)
09	Change the Master Code		Master Code (4 digits) + 09 + ### + New Master Code (4 digits)
51	Create Temporary (1 Shot) Code		Master Code (4 digits) + 51 + New Temporary (1 Shot) Code (4 digits) + Relay Associated with the User Code (1 or 2) (Expires after 24 hours)
52	Enable Vacation (Lock Down) Mode	Disabled	Master Code (4 digits) + 52
53	Disable Vacation (Lock Down) Mode		Master Code (4 digits) + 53
54	Engage Party Mode (Relay 1)	Disabled	Master Code (4 digits) + 54
56	Engage Party Mode (Relay 2)	Disabled	Master Code (4 digits) + 56
021	Enable Parallel Relay Output	Enabled	Master Code (4 digits) + 021
023	Enable Independent Relay Output Control	Disabled	Master Code (4 digits) + 023
024	Adjust Relay Output Time (Relay 1)	.5 Seconds	Master Code (4 digits) + 024 + Relay Output Time (0000-8000 Seconds) *NOTE: Relay output time is ALWAYS 4 digits.*
025	Adjust Relay Output Time (Relay 2)	.5 Seconds	Master Code (4 digits) + 025 + Relay Output Time (0000-8000 Seconds) *NOTE: Relay output time is ALWAYS 4 digits.*

DIRECT COMMANDS FROM THE UNIT KEYPAD

KEYSTROKES	ACTION
User Code + 1	Triggers Relay 1
User Code + 2	Triggers Relay 2

AUDIO FEEDBACK FROM THE UNIT:

1 Low Tone Beep = Failure

2 Two High Tone Beeps = Valid sequence

3 Low Tone Beep = Error or invalid sequence

NOTE: Use the STAR Key "" to cancel any input.*

NOTE: Keypad commands are to be entered in a single string to result in success (indicated by double high tone). Stop and go keystrokes will result in negative tones (low single and triple fail tones).

PROGRAMMING » QUICK REFERENCE

TELEPHONE PROGRAMMING

PROGRAMMING NUMBER	DESCRIPTION OF TASK	FACTORY SETTING	PROGRAMMING PROCEDURE
**01	Enable Call Forwarding	Disabled	**01
**02	Disable Call Forwarding		**02
**03	Enable Intercom Mode	Disabled	**03
**06	Verify Call Forwarding Number (Via Caller ID)	Disabled	**06
**07	Enable Telco Mode	Disabled	**07
**#8	Erase Call Forwarding Number		**#8
**10	Adjust Ring Count		**10 + Ring Count (2-5)
**13	Enable Alternate DTMF Programming	Disabled	**13
**14	Enable Standard (Long) Ring Tone		**14
**15	Enable Alternate (Dual) Ring Tone	Enabled	**15
#*16	Disable Alternate DTMF Programming		**16
*# Call Forwarding Number #	Enter Call Forwarding Telephone Number		*# + Telephone Number (Up to 14 digits) + #

MASTER CODE NUMBER

Write down the Master Code and store in secure location.

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DIRECT COMMANDS FROM THE LOCAL TELEPHONE

Direct commands allow you to control the unit from the resident telephone. To use direct commands lift the handset, wait for dial tone and enter the direct command.

PROGRAMMING NUMBER	DESCRIPTION OF TASK	FACTORY SETTING	PROGRAMMING PROCEDURE
*5	Triggers Relay 2		*5
*9	Triggers Relay 1		*9
**04	Enable Party (Latched) Mode Relay 1		**04
**05	Disable Party (Latched) Mode Relay 1		
**11	Enable "Do Not Disturb" Mode	Disabled	**11
**12	Disable "Do Not Disturb" Mode		**12

ANSWERING A CALL FROM A VISITOR

To answer a call lift the handset. To control the gate press "*9" or "*5".

ANSWERING CALLS FROM A REMOTE TELEPHONE

When a call is answered from a remote telephone a beep will be heard for 10 seconds. To accept the call press "0". Hang up to disconnect. To control the gate press "*9" or "*5".

PROGRAMMING NUMBER	DESCRIPTION OF TASK	FACTORY SETTING	PROGRAMMING PROCEDURE
0	Accepts Call From The Unit (Also Extends Talk Time)		0
*5	Triggers Relay 2		*5
*9	Triggers Relay 1		*9

NOTE: *Use the STAR Key "*" to cancel any input.*

NOTE: *Keypad commands are to be entered in a single string to result in success (indicated by double high success tone). Stop and go keystrokes will result in negative tones (low single and triple fail tones).*

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