EGT/KB Programming Manual
GR1 Cylindrical Offline Lockset

88301 Rev2
Firmware Rev 0.0.19

Contents:

FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

TellCard SYSTEMS

Features

Lockset Features:

- 100 users plus master code
- Change function of lock electronically
- Emergency lockdown mode
- Passage mode timer re-locks after configurable amount of time
- Power options:
    - Battery operated with 4 each "AA" Alkaline Batteries
    - 12V to 24V DC power input
    - 12V to 24V AC power input
- Minimum 130,000 cycles or one year per set of batteries
- Low battery warning
- Non volatile memory
- All programming entered through keypad
- Valid code is four to eight digits. Digits may be repeated and codes may start with zero
- Entry of 3 invalid user codes temporarily disables all codes
- Mute function - Beeper may be audible or muted
- No user numbers to track – user number is access code
- Duplicate codes not allowed
- Backlit Keypad

Factory default settings:

- Function: Re-lock mode
- Sound: On
- Re-lock mode – Unlock length: 4 seconds
- Anti-tamper lockout delay time: 20 seconds

Power requirements:

Power may be supplied one of three ways:
1. (4) AA - Alkaline Batteries
2. Hard wired to 12V to 24V DC power supply
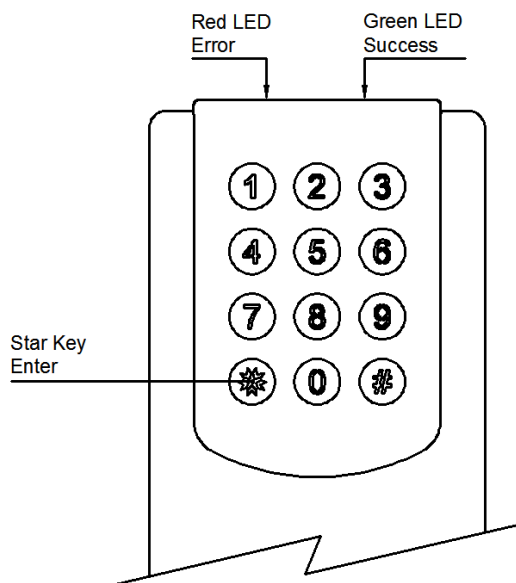3. Hard wired to 12V to 24V AC power supply

External Power requirements:
      Voltage: 12 to 24VDC or 12 to 24VAC
      Current: 0.30 A/12VDC; 0.30 A/24 VDC

- Install Battery Pack
- Red/Green LEDs flash – lock is waiting for master code
- Door is unlocked while waiting for a Master Code

Red LED Error   Green LED Success

Star Key Enter

SET MASTER CODE

1234*

Set Master Code: Key Stroke Example

Key in your chosen Master Code any 4-8 digit code Press *	❶ ❷ ❸ ❹ *

DEVICE IS NOW OPERATIONAL WITH MASTER CODE
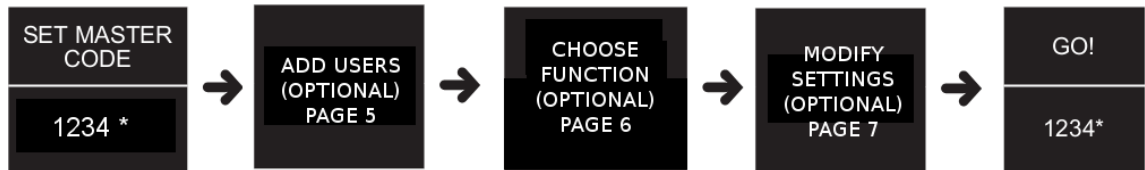
Understanding Light and Beeper Feedback:
- Success –Two short beeps and green LED
- Error - Long beep and red LED
- Low battery – Success beep immediately followed by long error beep
- Factory reset – Lights rapidly flashing

Keypad Backlighting:
- Press and hold any number key on the keypad to illuminate the keys. Backlight will automatically turn off after 5 seconds of inactivity.

Steps to fully configure lock:

| SET MASTER CODE 1234 * | → | ADD USERS (OPTIONAL) PAGE 5 | → | CHOOSE FUNCTION (OPTIONAL) PAGE 6 | → | MODIFY SETTINGS (OPTIONAL) PAGE 7 | → | GO! 1234* |

Setting Master Code

1. After initial battery pack installation LEDs above keypad will flash rapidly indicating lock is waiting to accept master code. To conserve battery, LEDs will flash for two minutes.
2. Door is unlocked until a valid Master Code is entered.
3. Choose and enter 4-8 digit master code / Press * to complete.
4. Device locks after master code is entered.
5. **Device is now operational with the master code.**

Function Overview:

Lock Function Reference:

Mode 0:	Emergency Lockdown Mode – Page 6
Mode 1:	Re-lock Mode – Page 6
Mode 2:	Passage Mode – Page 6

Lock Setting Reference:

Mode 3:	Passage Mode Timer – Page 7
Mode 4:	Unlock Delay Time – Page 7
Mode 5:	Lockout Delay Time – Page 7
Mode 6:	Remote Release Functionality – Page 7
Mode 7:	Sound – Page 8
RESETS	Page 8

Set Master Code:

Key Stroke Example

Key in your chosen Master Code any 4-8 digit code Press *	❶ ❷ ❸ ❹ *

User Management   Key Stroke Example

Add Single Code	Key in Master code Press # Key in New code Press # Press *	❶ ❷ ❸ ❹ # ❶ ❶ ❷ ❷ ❸ ❸ # *
Add Multiple Codes	Key in Master code Press # Key in New code 1 Press # Key in New code 2 Press # *	❶ ❷ ❸ ❹ # ❶ ❶ ❷ ❷ ❸ ❸ # ❷ ❷ ❸ ❸ ❹ ❹ # *
Delete single code	Key in Master code Press # Key in code to delete Press *	❶ ❷ ❸ ❹ # ❶ ❶ ❷ ❷ ❸ ❸ *
Delete all user codes	Key in master code Press # Press * key 4 times in a row	❶ ❷ ❸ ❹ # * * * *

TellCard
SYSTEMS

Lock has three operational modes (functions) – User Emergency Lockdown Mode, Re-lock mode and Passage mode.

Factory default setting: Re-lock Mode

Emergency Lockdown mode

Temporarily disable all codes on the lock except for the master code. Immediately lock the door. Master Code or optional Remote Release switch temporarily unlocks door to allow entry, then re-locks.

1. Enter master code followed by #
2. Press 0
3. Press *

<div align="center">

Key Stroke Example

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Emergency Lockdown mode	Key in master code Press # Press 0 Press *	❶ ❷ ❸ ❹ # ⓿ *

Re-lock mode

In re-lock mode the lock will unlock for 4 seconds, then re-lock. This mode is used when you want the lock to remain secure at all times. Setting device to re-lock mode immediately secures the door.

1. Enter master code followed by #
2. Press 1
3. Press *

<div align="center">

Key Stroke Example

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Re-lock mode	Key in master code Press # Press 1 Press *	❶ ❷ ❸ ❹ # ❶ *

Passage (toggle) mode

In passage mode the lock will unlock when a valid code is entered. It remains unlocked until another valid code is entered. Passage mode is used when you want to unlock a door and leave it unlocked for an extended period of time. Setting device to passage mode does not immediately unlock the door.

1. Enter master code followed by #
2. Press 2
3. Press *

<div align="center">

Key Stroke Example

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Passage mode	Key in master code Press # Press 2 Press *	❶ ❷ ❸ ❹ # ❷ *

Passage Mode Timer:

The Passage Mode Timer automatically locks after a configurable number of hours (Passage mode). A setting of zero disables this feature. The default setting is disabled (zero), minimum time is 1 hour, maximum is 9 hours.

Key Stroke Example

Passage Mode Timer Default = 0 X = Your time choice (hours)	Key in master code Press # Key in 3 Press # Press X (Time choice) Press *	❶ ❷ ❸ ❹ # ❸ # ✖ *

Unlock Delay Time:

The Unlock Delay Time function sets the number of seconds the lock remains unlocked when in re-lock mode. The default time is 4 seconds, minimum is 1 second, maximum is 99 seconds.

Key Stroke Example

Unlock delay time Default = 4 sec X = Your time choice	Key in master code Press # Key in 4 Press # Press X (Time choice) Press *	❶ ❷ ❸ ❹ # ❹ # ✖ *

Lockout Delay Time:

The Lockout Delay Time function sets the number of seconds the lock will disallow keypad entry after 3 unsuccessful code entries. The default time is 20 seconds, zero seconds disables the feature, maximum is 99 seconds.

Key Stroke Example

Lockout delay time Default = 20 sec X = Your time choice	Key in master code Press # Press 5 Press # Press X (Time choice) Press *	❶ ❷ ❸ ❹ # ❺ # ✖ *

Remote release functionality:

Key Stroke Example

Remote functionality X = Mode Choice	Key in master code Press # Press 6 Press # Press X (Mode choice) Press *	❶ ❷ ❸ ❹ # ❻ # ✖ *

X = ❶ → Default - Matches current function mode
X = ❶ → Passage mode - Reverses current state of door
      Re-lock mode – Toggle temporary passage mode
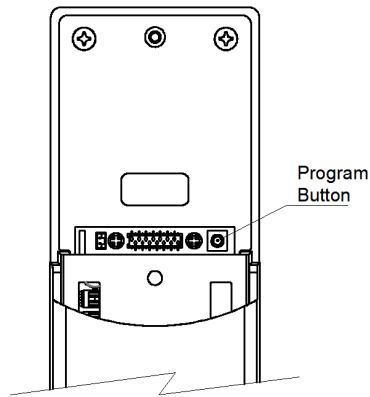X = ❷ → Always locks the door (Passage mode only)
X = ❸ → Switch to emergency lockdown mode. Must set to passage or re-lock on lock
      keypad to leave this mode.
X = ❹ → Disable remote release switch

Sound: The sound function toggles confirmation beeps from on to off and off to on.

Key Stroke Example

Sound Default = On	Key in master code Press # Press 7 Press *	❶ ❷ ❸ ❹ # ❼ *

Program
Button

Reset features:

Change master code Does not delete users or lock settings	Hold program button (shown above) for 5 seconds until beep is heard Release button Enter new master code Press *	< P R O G R A M > ❶ ❷ ❸ ❹ *
Factory reset Clears all codes, resets all lock settings	Hold program button for 5 seconds (until beep is heard) Press # key 10 times	< P R O G R A M > # # # # # # # # # #

Troubleshooting

Problem	Possible Cause	Solution
No sound/tone when buttons are pressed or when I present my credential	Sound is muted	Turn sound on – Page 8
I hear a long steady tone with a green light after I enter or present my credential	Low battery	Check and replace batteries if necessary
I hear a long steady tone with a red light after I enter or present my credential	Invalid user code	Add user – Page 5
	Emergency lockout mode active	Change mode – Page 6
The red and green lights alternately flash	The unit has been factory reset	Enter new master code – Page 4
The lock remains unlocked after I enter/present my credential	Passage mode active	Enter or present credential to secure the door
	Emergency lockout mode active	Change mode – Page 6
There is a long tone and the red light illuminates with every button press or credential presentation	You have entered more than 3 invalid credentials in a row	Wait 30 seconds (depending on configuration) and try again – Page 7
Unlocks, but locks again too quickly	Unlock delay time too short	Lengthen unlock delay time – Page 7

Sample User Chart

	User	Code
1		
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