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EGT/E6291(2) KB/KU1(2) Programming Manual

88301 Rev 3
Firmware Rev 1.0.2

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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.

Features

Lockset Features

- 100 users plus one master code
- Change function of lock electronically
- Emergency Lockdown
    - Relock
    - Passage
- Passage Timer relocks after configurable amount of time
- Power options:
    - Battery operated with 4 AA Alkaline batteries, or
    - 12V to 24V DC power input, or
    - 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 4-8 digits. Digits may be repeated. Codes may start with zero (0)
- Entry of three 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: Relock
- Sound: ON
- Unlock length: 4 seconds
- Anti-tamper Lockout Delay Time: 20 seconds

Power Requirements

Power may be supplied in one of three ways:

- Four AA alkaline batteries, or
- Hard wired to 12V to 24V DC power supply, or
- Hard wired to 12V to 24V AC power supply

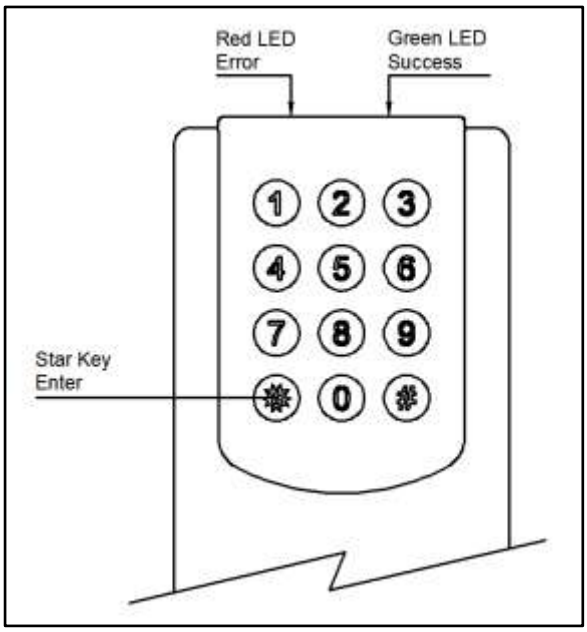
External power requirements:

- Voltage: 12 to 24VDC or 12 to 24VAC
- Current: 0.30 A/12VDC; 0.30 A/24 VDC

Quick Start Guide

Install battery pack.

1. After initial battery pack installation, LEDs above keypad will flash rapidly, indicating lock is waiting to accept a master code.
2. Door is unlocked until a valid master code is entered.



SET MASTER CODE
1234*

Set Master Code	Key Stroke Example
1. Key in a master code with any 4-8 digits. 2. Press *****.	1 2 3 4 *

DEVICE IS NOW LOCKED AND OPERATIONAL WITH MASTER CODE.

Understanding Light and Beeper Feedback:

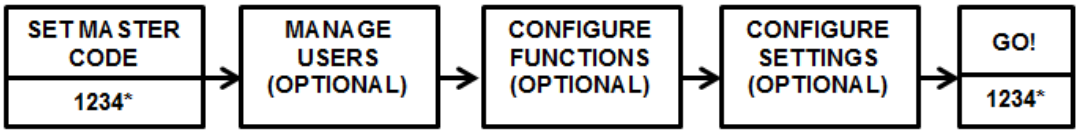
- **Success**: Two short beeps and green LED
- **Error:** Long beep and red LED
- **Low battery**: Success beep immediately followed by long error beep
- **Factory reset**: Lights rapidly flashing

Keypad Backlighting:

Press and hold any number key to illuminate the keys. Backlight will automatically turn off after 5 seconds of inactivity.

Configuration Overview

Steps to Fully Configure Lock



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 a 4-8 digit master code. Press * to complete.
4. Device locks after master code is entered.

DEVICE IS NOW LOCKED AND OPERATIONAL WITH MASTER CODE.

Function Overview:

Mode	Lock Function	Page Number
0	Emergency Lockdown – Mode 0	Page 7
1	Relock – Mode 1	Page 7
2	Passage – Mode 2	Page 8
9	Permanent Passage – Mode 9	Page 8

Mode	Lock Setting	Page Number
3	Passage Mode Timer	Page 9
4	Unlock Delay Time	Page 9
5	Lockout Delay Time	Page 9
6	Remote Release Functionality	Page 10
7	Sound	Page 10
8	Single and Limited Use Code(s)	Page 6
Reset	Reset Options	Page 11

Manage Users

Set Master Code

	Key Stroke Example
1. Key in a master code with any 4-8 digits. 2. Press *****.	1 2 3 4 *

Manage Codes

Valid new user codes are stored with each press of the # key, which results in a successful entry tone. Pressing the * key exits the programming mode.

When entering a string of codes, all valid codes are immediately stored with each press of the # key. If a code is rejected, all valid codes preceding the rejected code are stored in memory.

		Key Stroke Example
Add Single User Code	1. Key in master code. 2. Press #. 3. Key in new code. 4. Press #. 5. Press *.	1 2 3 4 # 1 1 2 2 3 3 # *
Add Multiple User Codes	1. Key in master code. 2. Press #. 3. Key in 1st new code. 4. Press #. 5. Key in 2nd new code. 6. Press #, then *.	1 2 3 4 # 1 1 2 2 3 3 # 2 2 3 3 4 4 # *

Delete Single User Code	1. Key in master code. 2. Press #. 3. Key in code to delete. 4. Press *.	1 2 3 4 # 1 1 2 2 3 3 *
Delete All User Codes	1. Key in master code. 2. Press #. 3. Press 10, then #. 4. Press 1, then *.	1 2 3 4 # 10 # 1 *
Delete All Single and Limited User Codes (Regular codes are not affected.)	1. Key in master code. 2. Press #. 3. Press 10, then #. 4. Press 2, then *.	1 2 3 4 # 10 # 2 *

Single Use Code(s) – Function 8

Single Use Code(s) - Function 8 allows a single entry. When used, the code is immediately erased from memory. Single use code(s) are entered one at a time. Multiple single use codes cannot be entered in a string like the standard user codes.

		Key Stroke Example
Single Use Code(s) – Function 8	1. Key in master code. 2. Press #. 3. Press 8. 4. Press #. 5. Key in new code. 6. Press #, then *.	1 2 3 4 # 8 # 1 1 2 2 3 3 # *

Limited Use Code(s) – Function 8

Limited Use Code(s) - Function 8 allows the user to enter a code for a configurable number of times; minimum number of entries is 1, maximum is 9.The code is erased from memory immediately after the last allowed access event. Limited use code(s) are entered one at a time. Multiple limited use code(s) cannot be entered in a string like the standard user codes.

		Key Stroke Example
Limited Use Code(s) – Function 8	1. Key in master code. 2. Press #. 3. Press 8. 4. Press #. 5. Key in new code. 6. Press #. 7. Press X (1-9 entries allowed) 8. Press, then *.	1 2 3 4 # 8 # 1 1 2 2 3 3 # X *

The EGT KB/KU lock has four operational modes (functions):
Emergency Lockdown – Mode 0, Relock – Mode 1, Passage (Toggle) – Mode 2, and Permanent Passage – Mode 9. The factory default setting is Relock – Mode 1.

Emergency Lockdown – Mode 0

In Emergency Lockdown – Mode 0, the lock temporarily disables all user codes except the master code, and immediately locks the door. A master code or optional remote release temporarily unlocks the door to allow entry, then relocks.

1. Enter master code, followed by #.
2. Press zero (0).
3. Press *.

		Key Stroke Example
Emergency Lockdown – Mode 0	1. Key in master code. 2. Press #. 3. Press zero (0). 4. Press *.	1 2 3 4 # 0 *

Relock – Mode 1

In Relock – Mode 1, the lock will unlock for 4 seconds, then relock. This mode is used when you want the lock to remain secure at all times. Setting the device to Relock – Mode 1 immediately secures the door.

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

		Key Stroke Example
Relock – Mode 1	1. Key in master code. 2. Press #. 3. Press 1. 4. Press *.	1 2 3 4 # 1 *

Passage (Toggle) – Mode 2

In Passage (Toggle) – Mode 2, the lock will unlock when a valid code is entered. It remains unlocked until another valid code is entered. Passage (Toggle) – Mode 2 is used when you want to unlock a door and leave it unlocked for an extended period of time. Setting device to Passage (Toggle) – Mode 2 does not immediately unlock the door.

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

		Key Stroke Example
Passage (Toggle) – Mode 2	1. Key in master code. 2. Press #. 3. Press 2. 4. Press *.	1 2 3 4 # 2 *

Permanent Passage – Mode 9

In Permanent Passage – Mode 9, the lock immediately unlocks. It cannot be locked until you enter another mode such as Relock – Mode 1 or Passage (Toggle) – Mode 2.

1. Enter master code, followed by #.
2. Press 9.
3. Press *.

		Key Stroke Example
Permanent Passage – Mode 9	1. Key in master code. 2. Press #. 3. Press 9. 4. Press *.	1 2 3 4 # 9 *

Passage Mode Timer

The Passage Mode Timer automatically locks after a configurable number of hours (Passage (Toggle) – Mode 2). A setting of zero (0) disables this feature. The default setting is disabled (0); minimum time is 1 hour, maximum is 9 hours.

		Key Stroke Example
Passage Mode Timer **Default = 0** **X = Time Choice (Hours)**	1. Key in master code. 2. Press #. 3. Press 3. 3. Press #. 4. Press X (Time Choice). 5. Press *.	1 2 3 4 # 3 # X *

Unlock Delay Time

The Unlock Delay Time function sets the number of seconds the lock remains unlocked when in Relock – Mode 1. The default time is 4 seconds; minimum is 1 second, maximum is 99 seconds.

		Key Stroke Example
Unlock Delay Time **Default = 4 seconds** **X = Time Choice (Seconds)**	1. Key in master code. 2. Press #. 3. Press 4. 4. Press #. 5. Press X (Time Choice). 6. Press *.	1 2 3 4 # 4 # X *

Lockout Delay Time

The Lockout Delay Time function sets the number of seconds the lock will disallow keypad entry after three unsuccessful code entries. The default time is 20 seconds, zero (0) seconds disables the feature; maximum is 99 seconds.

		Key Stroke Example
Locked Delay Time **Default = 20 seconds** **X = Time Choice (Seconds)**	1. Key in master code. 2. Press #. 3. Press 5. 4. Press #. 5. Press X (Time Choice). 6. Press *.	1 2 3 4 # 5 # X *

Remote Release Functionality

		Key Stroke Example
Remote Functionality **X = Mode Choice**	1. Key in master code. 2. Press #. 3. Press 6. 4. Press #. 5. Press X (Mode Choice). 6. Press *.	1 2 3 4 # 6 # X *

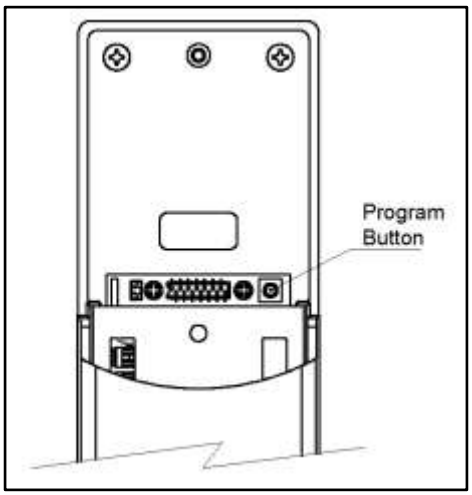
X = **0** → Default: Matches current function mode.
X = **1** → Passage (Toggle) – Mode 2: Reverses current state of door.
Relock – Mode 1: Toggle temporary Passage (Toggle) – Mode 2.
X = **2** → Passage (Toggle) – Mode 2 only - Always locks the door.
X = **3** → Switches to Emergency Lockdown – Mode 0. Set to Passage (Toggle) – Mode 2 or Relock –Mode 1 on lock keypad to exit this mode.
X = **4** → Disables remote release.

Sound: The sound function toggles confirmation beeps from ON to OFF, and OFF to ON.

		Key Stroke Example
Sound **Default = ON**	1. Key in master code. 2. Press #. 3. Press 7. 4. Press *.	1 2 3 4 # 7 *

For information on Single Use and Limited Use Code(s) - Function 8, see page 6.

Reset Options



Reset Options:

Change Master Code This mode does not delete users or lock settings.	1. Hold program button (shown above) for 5 seconds until beep is heard. 2. Release button. 3. Enter new master code. 4. Press *.	< P R O G R A M > 1 2 3 4 *
Factory Reset This mode clears all codes, and resets all lock settings.	1. Hold program button (shown above) for 5 seconds until beep is heard. 2. Press #, 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 credentials.	Sound is muted.	Turn sound ON. See page 10.
I hear a long steady tone with a green light after I enter or present my credentials.	Low battery.	Check and replace batteries, if necessary.
I hear a long steady tone with a red light after I enter or present my credentials.	Invalid user code.	Add user. See page 5.
	Emergency Lockout – Mode 0 is active.	Change mode. See page 7.
The red and green lights alternately flash.	The unit has been factory reset.	Enter new master code. See page 4.
The lock remains unlocked after I enter/present my credentials.	Permanent Passage - Mode 9 is active.	Change mode. See page 8.
There is a long tone and the red light illuminates with every button press or credentials presentation.	More than 3 invalid credentials were entered in a row.	Wait 30 seconds depending on configuration) and try again. See Lockout Delay Time on page 9.
Unlocks, but locks again too quickly.	Unlock delay time too short.	Lengthen Unlock Delay Time. See page 9.
The lock will not accept the code I am trying to add.	Code already exists in the lock.	Enter a different code.
	Code length is too short or too long.	Enter a 4-8 digit code.
	You are not in program mode.	Refer to Managing Users section. See page 5.

Sample User Chart

User #	User Name	Code
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