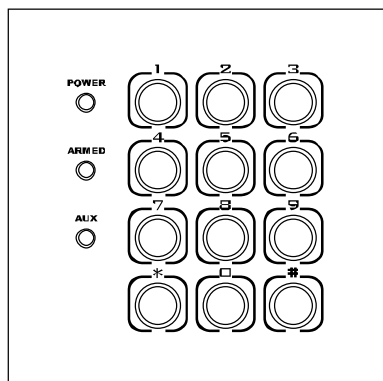


D/ENT/AUDIO/KP

Digital Keypad

Installation Instructions



D/ENT/AUDIO/KP ISSUE 1 11-2012

Introduction

Power Supply	AC/DC 12-24V
Door release button	'Normally Open' button linked to control unit
Magnetic door contact	'Normally Closed' door sensor connected to the control unit. Triggers an alarm if the door is open longer than the programmed time.
Alarm Output	Allows the unit to be linked to a suitable sounder/beacon 12vDC/500mA
Lock output	Relay output which can be used in 'fail safe' (N/C) or 'Fail secure' (N/O) to control the lock. (Max 24v 3A)
Auxiliary Output	Relay which can be programmed to operate in 7 different modes

Programming the Keypad

Notes;

- The keypad must be in the normal state before entering the programming mode.
- The number of digits per code is the same as the master code, so a 4 digit master code gives 4 digit user codes etc.

Program or change the Master Code (Default 1234)

Press 1234 1234 *00 MMMM# (MMMM = new master code of your choice 4-8 digits)

Program or change the User Codes (Default = USER 01 – 3333)

MMMM MMMM *XX Code# XX is user number 01-19
Code is chosen user code 4-8 digits

Program or change additional User Codes

MMMM MMMM *6YY Code# YY is user number 20-99
Code is chosen user code 4-8 digits

Set Lock output operating time (Default 5 seconds)

MMMM MMMM *20TT# TT = 01-99 seconds
TT = 00 Latch time

Note: The lock output operating time works in conjunction with a magnetic door sensor. After entering a user code, the door is will immediately relock as soon as it closes. If a sensor is not used the door will lock after the output time has elapsed.

Program or change the Auxilliary Code (Default -No code set)

MMMM MMMM *40 Code# Code is auxiliary code (4-8 digits)

Delete User Codes

MMMM MMMM *50XX# XX = User number 01-99
XX= 00 delete all User Codes

Enable/Disable Incorrect Code Protection (Default = Disabled)

MMMM MMMM *51#

Note: If the Incorrect code protection is enabled, the system will be locked for 30 seconds after entering 5 incorrect passwords, or 20 consecutive incorrect digits.

Select Operating Mode

MMMM MMMM *52 0# 0 = Normal Mode
MMMM MMMM *52 1# 0 = Latching Mode

Note: Normal Mode, access by entering user code.

Latching Mode, by entering the Latching Code the door remains unlocked until the Latching Code is re-entered.

Set 'Latching Mode' Code

MMMM MMMM *54 BBBB# BBBB IS LATCHING Mode Code

Select 'Incorrect Code Protection (Default =20 consecutive digits)

MMMM MMMM *53 0# 0 = 20 consecutive digits
MMMM MMMM *53 1# 1 = 5 incorrect user codes

Set Alarm Output Mode (Default C=0)

MMMM MMMM *55 C#

C = 0 to disable

C = 1 to enable door forced open to trigger alarm output

C = 2 tamper switch to trigger alarm output

C = 3 to enable door forced open & tamper switch to trigger alarm output

Set Alarm Output Time

MMMM MMMM *56 TTT#

TTT = 001-999 seconds

TTT = 000 latch mode

Set Alarm Output Mode (Default C=7)

MMMM MMMM *57 C#

C = 0 to disable

C = 1 to enable door to monitor for auxiliary output

C = 2 to enable incorrect password for auxiliary output

C = 3 to enable * or bell push button for auxiliary output

C = 4 to enable tamper switch to trigger alarm output

C = 5 to enable 'door forced' detection to trigger alarm output

C = 6 to allow push button switch input to open door

C = 7 to allow the correct auxiliary pass code to open the door

Note: The enable functions 1-5 must have the auxiliary output time set to more than 1 second. DO NOT set timer to 000 otherwise the output will not function.

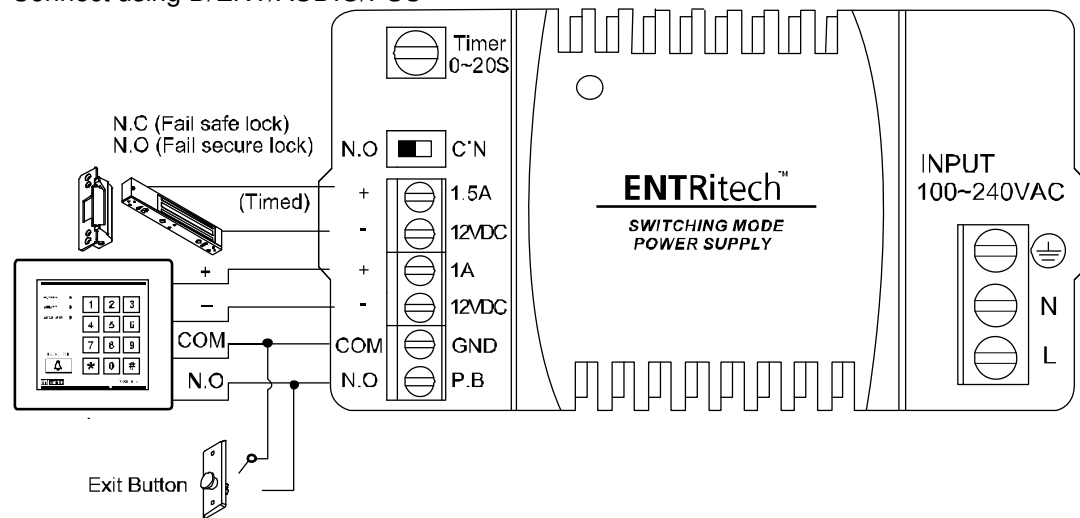
Restore to factory Settings (note all settings will be deleted)

1. Disconnect power supply
2. Connect 'System Restore' jumper link on keypad PCB
3. Reconnect power supply
4. Remove 'System Restore' jumper

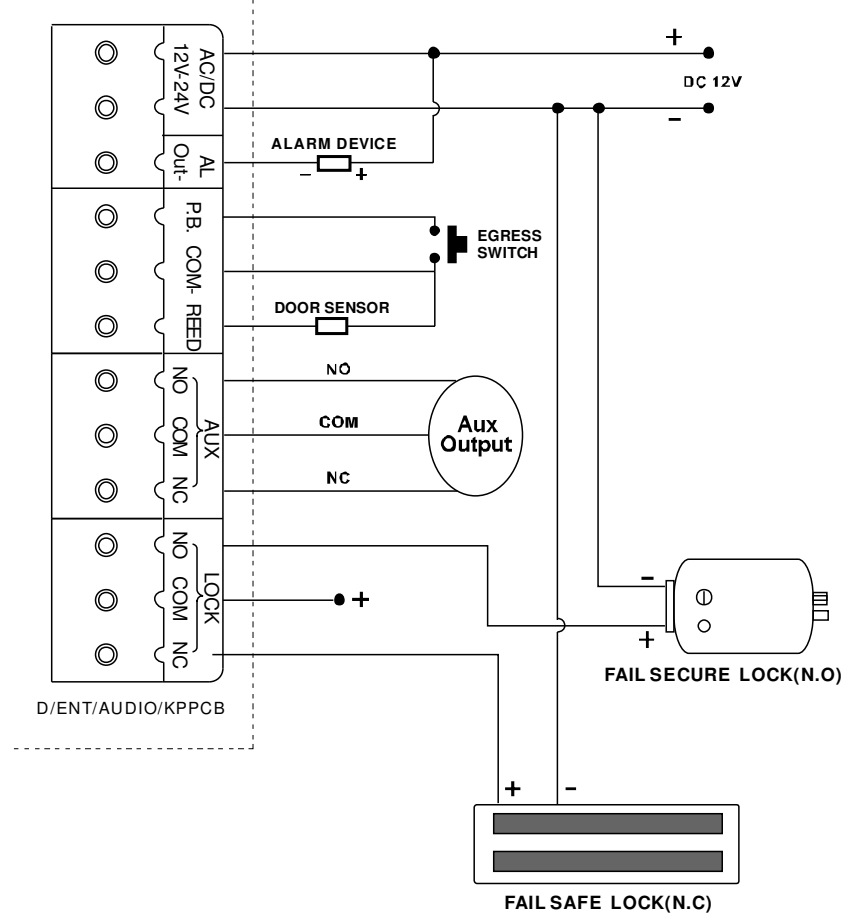
All codes & settings are now restored to default settings

Wiring Diagram

Connect using D/ENT/AUDIO/PSU



Input/Output connections



LED Indicators

Power (Red/Yellow)

Red indicates 'Normal'

Yellow indicates 'in programming Mode'

Armed (Green)

Green indicates lock output is activated. Flashing indicates that there door sensor has been triggered or there is an alarm

Auxiliary (Yellow) indicates the auxiliary relay has been triggered.

