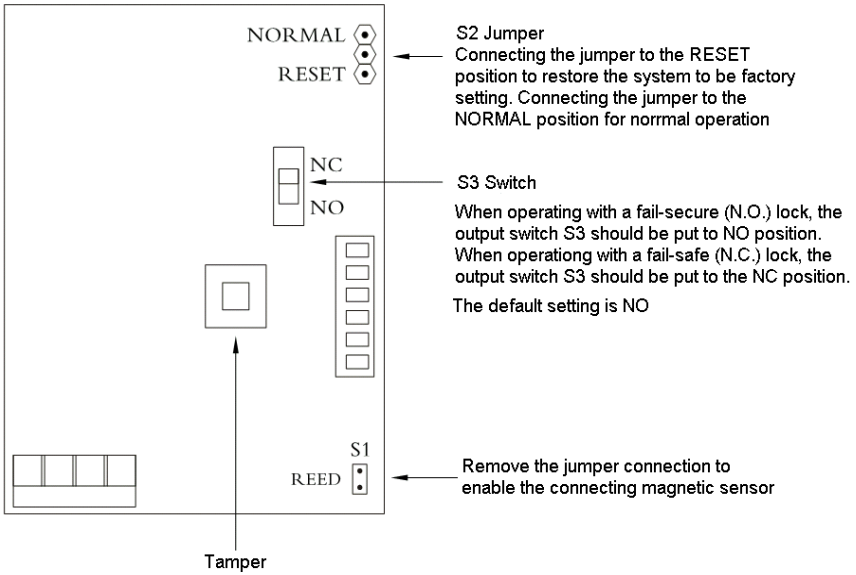
Terminal Description:

Colour	Function	Remark
White	DOOR BELL	Door Bell (Only for MKP-1221)
White	DOOR BELL	
Brown	TAMPER	Once the TAMPER is triggered, there will be a signal transferred to the alarm output
Brown	TAMPER	
Yellow	COM	When the terminals are connected with a magnetic door sensor, the S1 jumper connection should be removed to enable
Green	REED	

Back View:



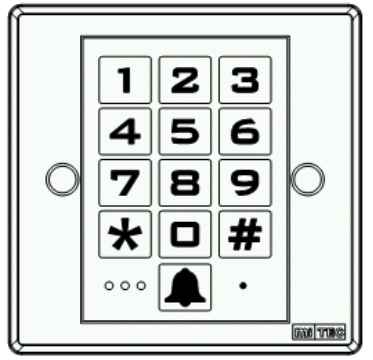
MKP-1211/1221 User Manual

Introduction:

MKP-1320 digital keypad is designed for the application with electronic locks, entrance guarding and security systems. With miTECH's latest self-developed IC, data will not be lost in case of power failure.

Aside from the normal keypad functions, MKP-1320 also has some additional functions, such as door monitoring, alarm signal output, tamper resistance and door releasing button input making it a reliable product.

MKP-1320 provides a convenient and automatic way in access management which is especially suitable for offices, apartments and commercial buildings.



MKP-1211 (Without Door Bell)
MKP-1221 (With Door Bell)

Power Source Input:
Connecting with AC/DC12V power supply.

Door Releasing Button:
Connecting with a normally opened (N.O.) button to control the Electric Lock Output. The lock will be released as the button is pressed.

Magnetic Door Sensor (Reed):
Connecting with a normally closed (N.C.) magnetic door sensor (Reed). If the door is broken in or is opened for a period longer than the setting time, there will be an alarm.

Tamper Button:
A (N.C.) button locating on the rear for resisting tamper. There will be an alarm as it is activated.

Electric Lock Output:
A transistor output (Max. 24V/2A) with PPTC protection.

Door Bell:
Normally Opened (N.O.) terminals for connecting with a door bell (Max. 24V/100mA) (Only for MKP-1221)

LED Indicators:
Red: Power Indicator
Yellow: Program Mode Indicator
Green: Door Indicator
1. Lightened: correct password
2. Flash: opened door

PROGRAMMING SUMMARY

Program or change the Master Code. (Default = 1234)

MMMM, MMMM, *00"code", # MMMM = Master code
code = New Master Code (4 to 8 digits)

Program or change the User Code. (Default = 01 User 333)

MMMM, MMMM, *XX,"code", # XX = Memory No. 01-19
Code = New User Code (4 to 8 digits)

Or

MMMM, MMMM, *6YY,"code", # YY = Memory No.20-99
code=New User Code(4 to 8 digits)

Set Lock Output operating time. (Default = 5 seconds)

MMMM, MMMM, *20TT, # TT = 01 to 99 (seconds).
TT = 00 latch mode

Delete a User Code.

MMMM, MMMM, *50XX, # XX = Memory No.01-99
XX = 00 Delete all User Codes and the 01 user with back default code.

Enable/Disable incorrect codes protect. (Default = disable)

MMMM, MMMM, *51, #

Note:Enable incorrect codes protect. The System will be locked for 30 seconds after 5 time password incorrect or 20 consecutive incorrect digits to default master code or user code.

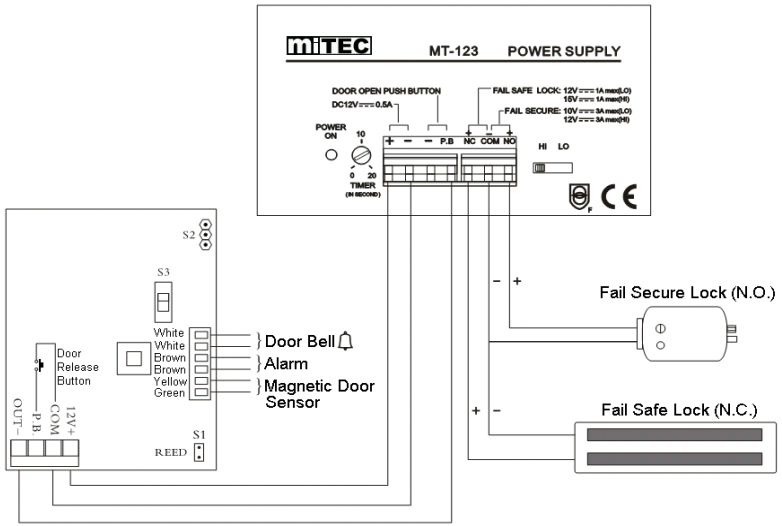
Select incorrect codes protect. (Default = 20 incorrect digits)

MMMM, MMMM, *53, 0, # 20 consecutive incorrect digits

MMMM, MMMM, *53, 1, # 5 time password incorrect

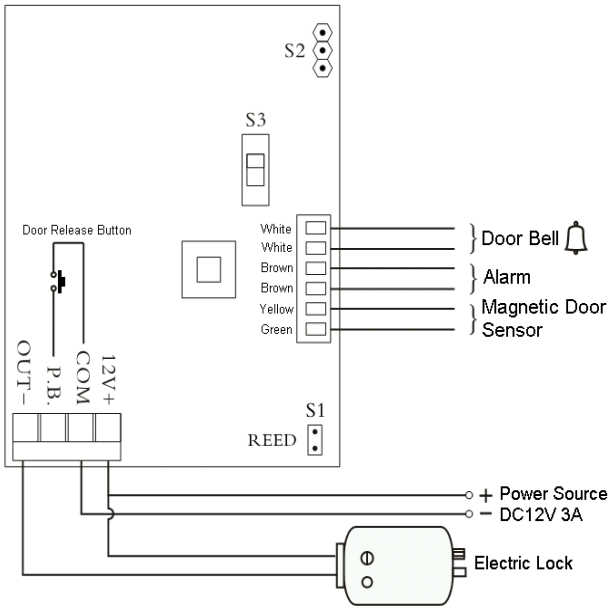
Wiring Diagram:

(1) Connection with a Electric-Lock Power Supply:



* For the above connection, the switch S3 should be put to the NO position

(2) Connection with a Electric Lock :



* For connecting with a fail-secure lock, the switch S3 should be put to the NO position
For connecting with a fail-safe lock, the switch S3 should be put to the NC position