connecting plate

bottom plate

small rubber plate(4)

big rubber plate
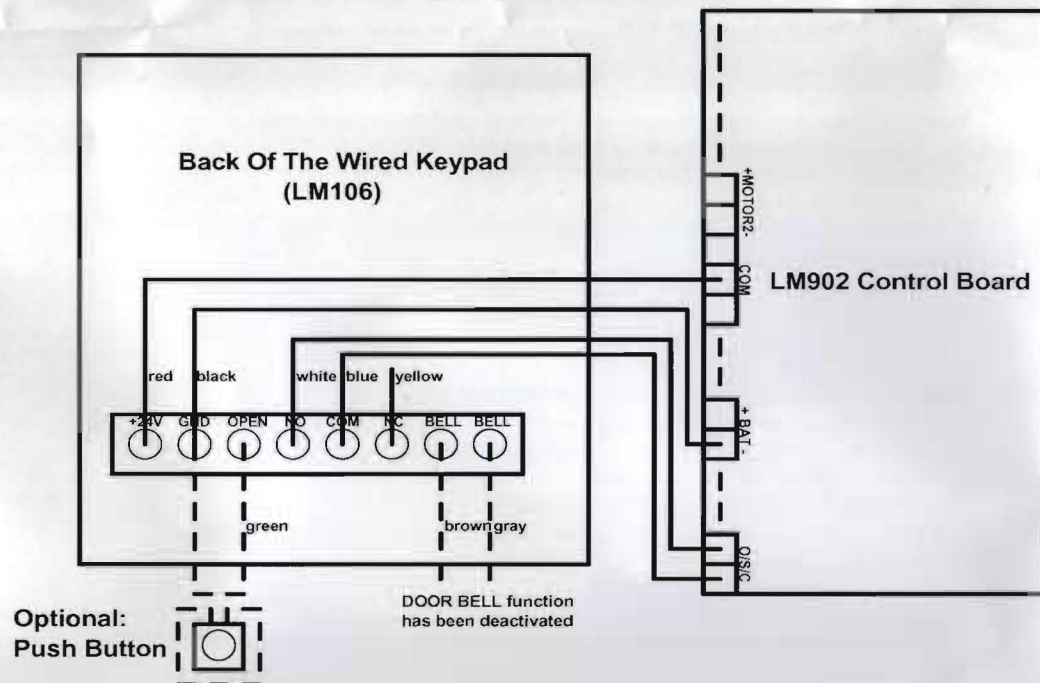
metal cover

screw M4X20(4)

nut M4(4)

washer Ø4(4)

LM106 Wired Keypad Assembly Diagram

Press * (escape the program mode)

6   How to change general access password to 147258
First enter the program mode by press # # # # 123456 # (Green LED flashed)
Press 6 147258 # 147258 #
Press * (escape the program mode)

7   How to change the card pasword to 888999 (should use with Card And Password mode)
Press * (Green LED ON) (swape registered card) (888888)# (Red and Green LED flashed alterantively) (888999) # (888999) #
If Green LED OFF, Di Di(short), it means you have changed this card's password.
If Di(long), it means you fail to complete this operation. Please try again.

Wiring Assignment

8 pins socket

Red	+24VDC(LM106)/+12VDC(LM106M)	
Black	GND	
Green	OPEN	Push / Exit Button, the other terminal connect to GND
White	NO	
Blue	COM	Dry contact Ouput
Yellow	NC	
Brown		Bell(Door Bell function has been deactivated)
Gray		

How to use with LM902/1 to operate the swing gate opener

Back Of The Wired Keypad (LM106)

red   black   white   blue   yellow

+24V   GND   OPEN   NO   COM   NC   BELL   BELL

green   brown gray

Optional:
Push Button

DOOR BELL function has been deactivated

+MOTOR2-

COM

LM902 Control Board

+BAT-

O/S/C

Wired Keypad / Access Control

(LM106 & LM106M)

User's Manual

Please read this manual thoroughly before installation.

Description	Red LED	Green LED	Buzzer
Normal Mode	ON		
Program Mode		Flash	
Under Program Mode		ON	
Non registered Card	ON		Di (long)
Card Only Mode		ON with same duration of door open	Di Di (short)
Card and Password Mode (after swipe card, pending for password entry)	Red and Green LED blink interactively		
Card and Password Mode	Flash for each 0.5 second		
Password Only Mode	Flash for each second		
Button tone			Di (short)
Setup Successfully			Di Di (short)
Setup Failure			Di (long)
Invalid Entry			Di (long)
Alarm Mode			Di Di Di Continuously

Programming Guide

1 How to get into Program Mode
   Press #### Red LED OFF, Green LED ON then press 123456 #
   *If you success, Red LED OFF and Green LED flash. Or Red LED ON and Green LED OFF means you are fail. Try again (Provided that you didn't change your default Program password. Default value is 123456_*

2 How to change your Program password
   Press 0 "new password" # "new password" # (new password must be in six digits format, please beware that you must be in program mode before you take this step 12)

3. How to add card continuously with automatically card number assignment
   Press 1 (swipe card... aply to unregistered card only) #
   The controller will assign each registered card with individual card number (default password is 888888, it is just applied to Card and Password mode). You can change this password following by step .
   If this is a new installed controller, the card number will be started at 0001, 0002 and so on.
   If this controller have registered cards, the card number will be started after the last registed card's number.
   If this is a regitered card, controller will Di(long) for warning, you still can continue your operation by swiping another new card.

4 How to add card with card number (good for multi-cards operation as well)
   Press 2 (swipe card... aply to unregistered card only) "card number" # (repeat this step until the last card) #

If this is a regitered card, controller will Di(long) for warning, you still can continue your operation by swiping another new card.
If this is a registered card number, controller will Di(long) for warning, you still can continue your operation by enterig another card number.

5 How to delete card
   Press 30 (swipe card) #   Means this swiped card is deleted (Apply to multi-card operation)
   Press 31 (card number) #   Means this card is deleted (Apply to multi-card operation)
   Press 32   9999 #   Means all registered cards are deleted

6 How to change access mode
   Press 40 #   Means this controller is in Card Or Password mode (Default value)
   Press 41 #   Means this controller is in Card And Password mode
   Press 42 #   Means this controller is in Password mode

7 How to change door access duration
   Press 5   03 # Means the duration is set to 3 seconds
   If you set it to value 99, it will change to **Card Open and Card Close** operation.

8 How to change access password (default value is blank, it is not activated yet)
   Press 6 (new password) # (new password) #   It must be in 6 digits format
   Press 6   #   #   Password will be deactivated

9 How to escape Program mode (Press * to escape the program mode)

10 How to change card password (It apply to Card And Password mode only)
   Press * (Green LED ON) (swape registered card) (old password)# (Red and Green LED flashed alterantively) (new password) # (new password) # (Factory default card password is "888888")
   If Green LED OFF, Di Di(short), it means you have changed this card's password.
   If Di(long), it means you fail to complete this operation. Please try again.

11 How to reset to the factory default value (only apply to password and system parameters, no card will be deleted)
   Cut off the power, put the jumper JP1 in 2-3 position. Connect the power. After Di Di(short), put the jumper JP1 in 1-2 position.

Sample operation

1 How to change program password to 789000 (from default password)
   First enter the program mode by press # # # # 123456 # (Green LED flashed)
   Press 0   789000 #   789000 #
   Press * (escape the program mode)
   Please remember your new program password by heart. Use it with caution.

2 How to add new cards in continue way
   First enter the program mode by press # # # # 123456 # (Green LED flashed)
   Press 1   (swape cards ... until the last card) #
   Press * (escape the program mode)
   All added cards are ready to use.

3 How to add two cards with card number 0088 and 0099
   First enter the program mode by press # # # # 123456 # (Green LED flashed)
   Press 2   (swape card) 0088 # (swape card) 0099 # #
   Press * (escape the program mode)

4 How to delete cards numbered 0088 and 0099
   First enter the program mode by press # # # # 123456 # (Green LED flashed)
   Press 31   0088 #0099 # #
   Press * (escape the program mode)

5 How to change access mode to Card Only mode
   First enter the program mode by press # # # # 123456 # (Green LED flashed)
   Press 40 #