LSC Security Supplies

Neptune Security Products

MODELS

NEKPWST2S   NEPTUNE KEYPAD TOUCH EM/HID/MF S/ALONE or WIEGAND IP65 (2x6)

PROGRAMMING

Colour Indicators refer to LED status lights on Keypad

ENTER PROGRAMMING MODE

*   <MASTER CODE> # (default 888888)

CHANGE MASTER CODE

1   0

2   <NEW MASTER CODE> # <REPEAT> #

MASTER CODE MUST BE BETWEEN 6-8 DIGITS.
PRESS * TO EXIT PROGRAMMING

ADD PIN USERS

1   1

2   <USER NUMBER (1-2000)> #

3   <PIN NUMBER> #

ADDITIONAL USERS CAN BE ADDED BY REPEATING STEPS 2 & 3
EXAMPLE
1 1 # 9384 # 2 # 2958 # 3 # 9876 # *
The programming above added 3 users with unique pin numbers

PIN NUMBERS MUST BE BETWEEN 4-6 DIGITS
PRESS * TO EXIT PROGRAMMING

ADD CARD USERS

1   1

2   <USER NUMBER (1-2000)> #

3   <BADGE CARD>

ADDITIONAL USERS CAN BE ADDED BY REPEATING STEPS 2 & 3
EXAMPLE
1 1 # <BADGE CARD> 2 # <BADGE CARD> *
The programming above added 2 users with cards

THE ABOVE METHOD IS PREFERRED FOR CARD PROGRAMMING
SO INSTALLERS CAN NOTE WHICH USER NUMBER EACH CARD
IS ASSIGNED TO.
PRESS * TO EXIT PROGRAMMING

ADD CARD USERS WITH MANAGER CARDS

1   <BADGE MANAGER ADD CARD>

2   <BADGE USER CARD BEING ADDED>

3   <BADGE MANAGER ADD CARD>

THIS METHOD DOES NOT REQUIRE PROGRAMMING MODE
METHOD IS IDENTICAL FOR DELETING USERS WITH MANAGER CARD

DELETE USERS BY USER NUMBER

1   2

2   <USER NUMBER (1-2000)> #

ALL USERS CAN BE DELETED USING THE FOLLOWING STEPS

1   2

2   0000 #

PIN NUMBERS MUST BE BETWEEN 4-6 DIGITS
PRESS * TO EXIT PROGRAMMING

DELETE USERS BY CARD

1   2

2   <BADGE CARD>

THSI METHOD REQUIRES EXISTING CARD TO BE PRESENT
PRESS * TO EXIT PROGRAMMING

SET DOOR RELAY TIME

1   4

2   0 # (50ms / 5 seconds) **DEFAULT**
        1 - 99 # (Another time in seconds)

PRESS * TO EXIT PROGRAMMING

PROGRAMMING (Advanced)

SET TO WIEGAND/STANDALONE MODE

1   7

2   1

3   0 # (Wiegand)
     1 # (Standalone) **DEFAULT**

WIEGAND: FOR CONNECTION TO EXTERNAL ACCESS CONTROL SYSTEM
PRESS ** TO EXIT PROGRAMMING

TURN INDICATOR LIGHT ON/OFF

1   8

2   1

3   0 # (Off)
     1 # (On) **DEFAULT**

THIS IS IN REFERENCE TO THE LED LIGHT ABOVE THE KEYPAD
PRESS ** TO EXIT PROGRAMMING

SET WIEGAND FORMAT

1   7

2   2

3   26 - 37 # (26bit to 37bit Wiegand Output)
     DEFAULT - 26bit Wiegand

APPLICABLE WHEN IN WIEGAND MODE
PRESS ** TO EXIT PROGRAMMING

DISABLE/ENABLE KEYPAD BUZZER
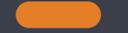
1   8

2   2

3   0 # (Disable)
     1 # (Enable) **DEFAULT**

KEYPAD BUZZER WILL STILL OCCUR DURING PROGRAMMING MODE
PRESS ** TO EXIT PROGRAMMING

SET KEYPAD TRANMISSION FORMAT

1   7

2   3

3   0 # Buffered Output
     1 # 4bit Burst **DEFAULT**
     2 # 8bit Burst

APPLICABLE WHEN IN WIEGAND MODE
PRESS ** TO EXIT PROGRAMMING

DISABLE/ENABLE KEYPAD BACKLIGHT

1   8

2   3

3   0 # (Disable)
     1 # (Enable) **DEFAULT**
     2 # (Automatic)

PRESS ** TO EXIT PROGRAMMING

Successful Command (Long Beep)

Unsuccessful Command (3 Short Beeps)

Additional programming options available in User Manual
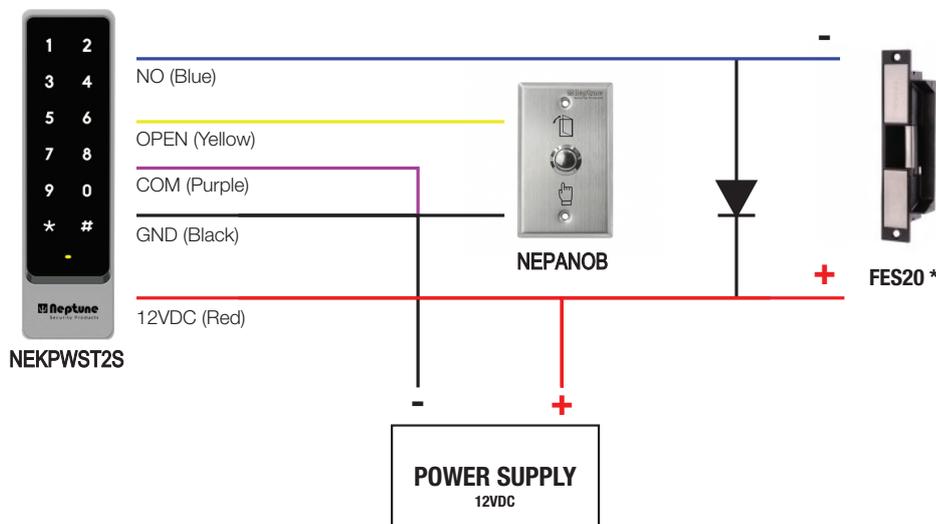
USER OPERATION

USER ENTRY

User Presents Card, or
Enters Pin Number #

Valid Access (Long Beep)
LED stays green on for relay time

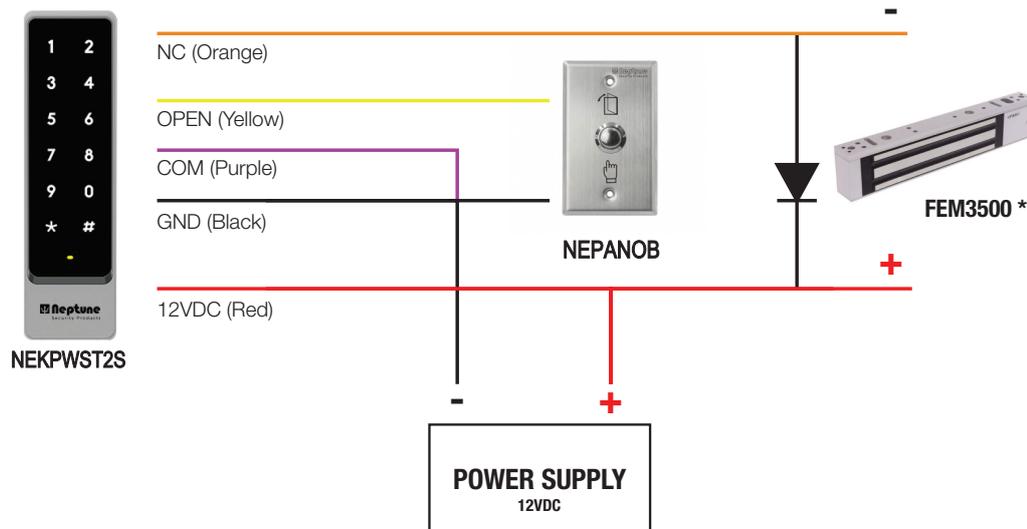Access Denied (3 Short Beeps)

CHANGING EXISTING USER PIN

* <USER NUMBER> <CURRENT PIN> #

<NEW PIN> # <NEW PIN> #

Successful Command

STANDALONE WIRING EXAMPLES
Power to Open (Normally Open)

NEKPWST2S

NO (Blue)
OPEN (Yellow)
COM (Purple)
GND (Black)
12VDC (Red)

NEPANOB

FES20 *

POWER SUPPLY
12VDC

Power to Lock (Normally Closed)

NEKPWST2S

NC (Orange)
OPEN (Yellow)
COM (Purple)
GND (Black)
12VDC (Red)

NEPANOB

FEM3500 *

POWER SUPPLY
12VDC

WIEGAND WIRING EXAMPLE
For connection to Access Control Panel (must be set to Wiegand mode)

NEKPWST2S

BUZZER (Yellow)
LED (Brown)
D1 (White)
D0 (Green)
GND (Black)
12VDC (Red)

BUZZER
LED
D1
D0
GND
+12VDC

ACCESS CONTROL PANEL