

MODELS

NEKPWST2W NEPTUNE KEYPAD TOUCH EM/HID/MF S/ALONE or WIEGAND IP65 (3x4)

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 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

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

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

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

DELETE USERS BY CARD

1  **2**

2  **<BADGE CARD>**

THIS 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 |

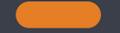
KEYPAD BUZZER WILL STILL OCCUR DURING PROGRAMMING MODE
PRESS ** TO EXIT PROGRAMMING

SET KEYPAD TRANSMISSION 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

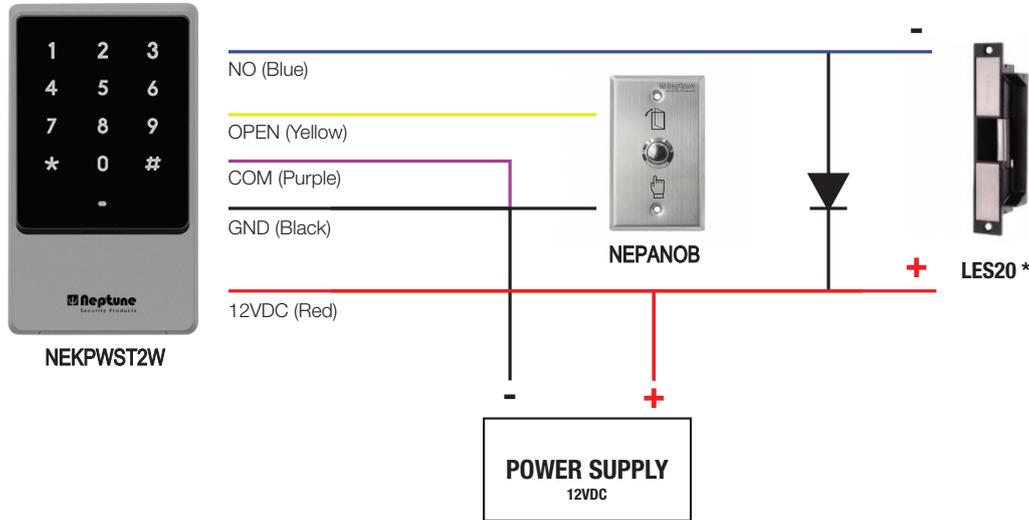
-  User Presents Card, or Enters Pin Number #
-  Valid Access (Long Beep)
LED stays green on for relay time
-  Access Denied (3 Short Beeps)

CHANGING EXISTING USER PIN

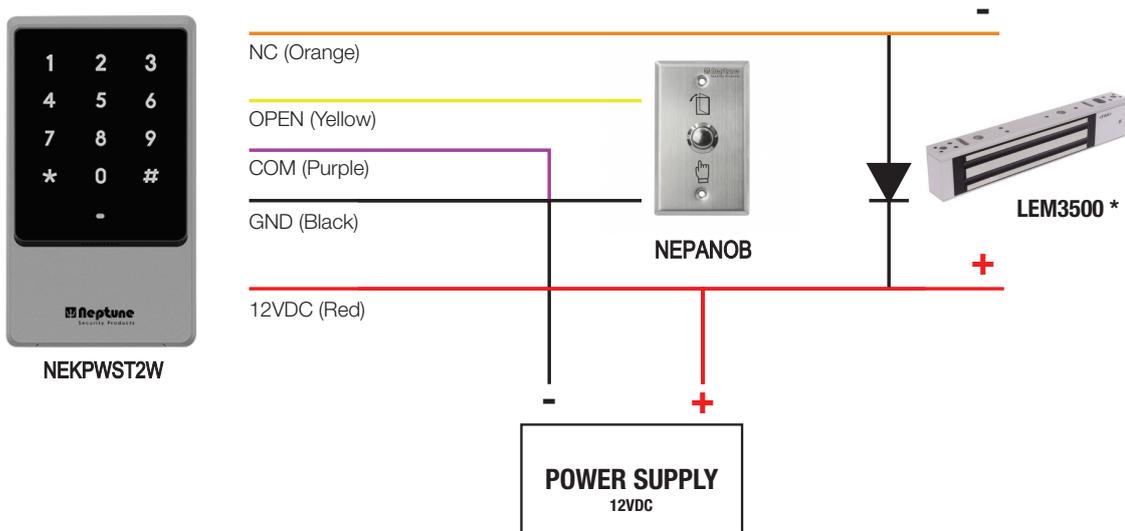
-  * <USER NUMBER> <CURRENT PIN> #
-  <NEW PIN> # <NEW PIN> #
-  Successful Command

STANDALONE WIRING EXAMPLES

Power to Open (Normally Open)



Power to Lock (Normally Closed)



WIEGAND WIRING EXAMPLE

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

