MODELS

ACKPWSK   NEPTUNE KEYPAD TOUCH EM/HID S/ALONE or WIEGAND IP65 (2x6)
ACKPWSKWM   NEPTUNE KEYPAD BUTTON MIFARE S/ALONE or WIEGAND IP65 (3X4)

PROGRAMMING

Colour Indicators refer to LED status lights on Keypad

DEFAULT MASTER CODE
888888

ENTER PROGRAMMING MODE

*   <MASTER CODE> #

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**

PRESS ** TO EXIT PROGRAMMING

Successful Command (Long Beep)

Unsuccessful Command (3 Short Beeps)

Additional programming options available in User Manual
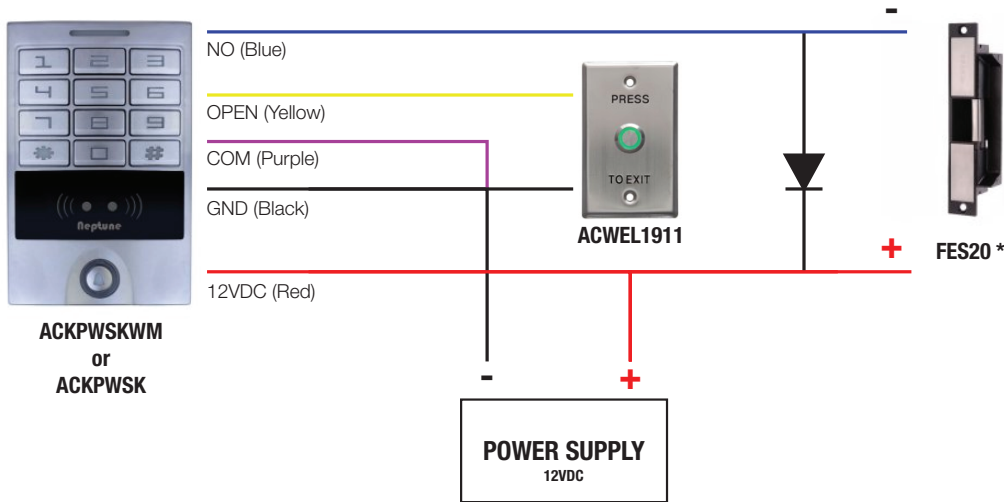
USER OPERATION

USER ENTRY

User Presents Card, or
Enters Pin Number #

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

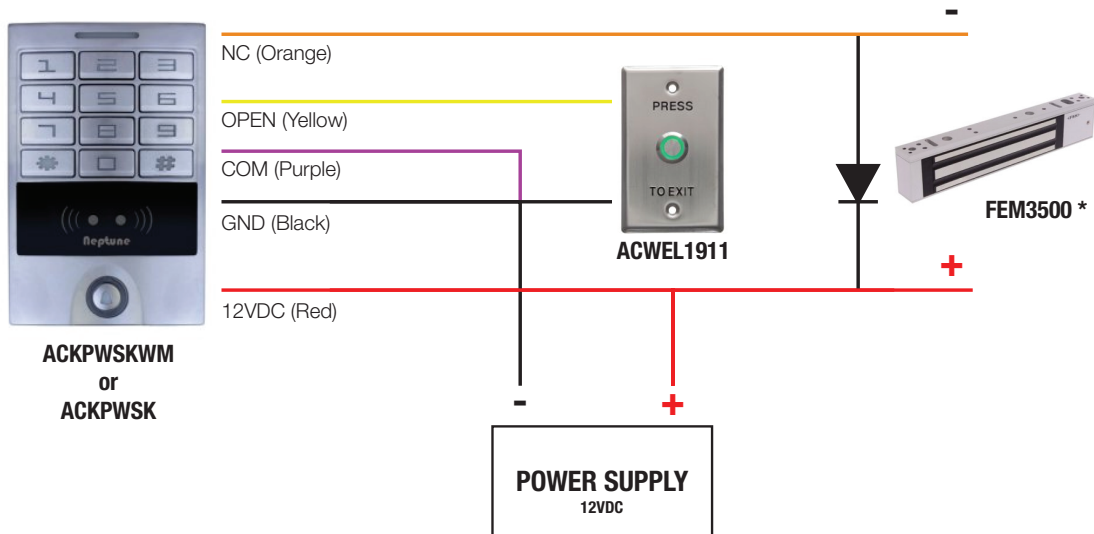Access Denied (3 Short Beeps)

CHANGING EXISTING USER PIN

* <USER NUMBER> <CURRENT PIN> #

<NEW PIN> # <NEW PIN> #

Successful Command

STANDALONE WIRING EXAMPLES

Power to Open (Normally Open)

NO (Blue)
OPEN (Yellow)
COM (Purple)
GND (Black)

12VDC (Red)

**ACKPWSKWM
or
ACKPWSK**

PRESS
TO EXIT
ACWEL1911

FES20 *

**POWER SUPPLY
12VDC**

Power to Lock (Normally Closed)

NC (Orange)
OPEN (Yellow)
COM (Purple)
GND (Black)

12VDC (Red)

**ACKPWSKWM
or
ACKPWSK**

PRESS
TO EXIT
ACWEL1911

FEM3500 *

**POWER SUPPLY
12VDC**

WIEGAND WIRING EXAMPLE

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

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

**ACKPWSKWM
or
ACKPWSK**

BUZZER	
LED	
D1	**ACCESS**
D0	**CONTROL**
	PANEL
GND	
+12VDC	