

Neatrol Holdings Pty. Ltd. trading as:

NEATROL SYSTEMS

ABN 20 056 432 118

25B Harland Avenue, Malaga, W.A. 6090.

Postal Address: P.O. Box 3271, Malaga, W.A. 6945.

Telephone: (08) 9248 1646, 1300 55 5856 (Outside WA) Fax: (08) 9248 2003

Web: <http://www.neatrol.com.au> E-mail: neatrol@neatrol.com.au

KP2KTX4-W26 Wireless Keypad Instructions

Description

The KP2KTX4-W26 is an Airkey powered wireless access control keypad. When used in combination with one or several Airkey receivers, the KP2KTX4-W26 provides a convenient yet secure method of access control which has unparalleled installation flexibility. The KP2KTX4-W26 will convert any 1-8 digit number that matches the pin number of any one of 2000 slots and transmit the card number stored in the matching slot in Wiegand Airkey format to a matching Wiegand Airkey receiver. Being wireless, battery powered, surface mountable and weather resistant, the KP2KTX4-W26 can be placed almost anywhere as required.

Normal Operation

In normal operation, simply enter a 1-8 digit pin number followed by the # key. If that number is the same as the number stored in one of the 2000 available user slots, the KP2KTX4-W26 will then package the card number associated with that slot along with the stored Facility Code and send this information in 26 Bit Wiegand Airkey format to a matching Wiegand Airkey receiver. The keypad will effectively simulate a button 1 key press of a 4 channel Wiegand Airkey transmitter.

An alternative method of operation is to enter a 1-8 digit pin number followed by the * key and a number from 1 to 4. In this case the keypad will simulate a button 1, 2, 3 or 4 press of a 4 channel Wiegand Airkey transmitter.

Eg: Slot 100 has a pin number of 12345 and a card number of 450. Entering 12345 # would prompt the KP2KTX4-W26 to transmit the equivalent of a button 1 press of a 4 channel Wiegand Airkey with a card number of 450.

Eg: Slot 1258 has a pin number of 53 and a card number of 65000. Entering 53 * 3 would prompt the KP2KTX4-W26 to transmit the equivalent of a button 3 press of a 4 channel Wiegand Airkey with a card number of 65000.

Master Code Setting

To set the master code, first enter the current 8 digit master code (which is factory pre-set to 23350743). If correct, the keypad will emit 5 short beeps. Otherwise it will emit rapid beeps for about 2 seconds indicating an incorrect code. Next press # and then 0 followed by the new 8 digit master code and the # key. If the programmed master code has been forgotten, return the keypad for service or contact your supplier.

Facility/Site Code Setting

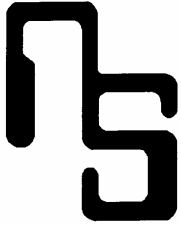
To set the facility/site code, first enter the current 8 digit master code (which is factory pre-set to 23350743). If correct, the keypad will emit 5 short beeps. Otherwise it will emit rapid beeps for about 2 seconds indicating an incorrect code. Next press # then 1 followed by the 1 to 3 digit facility code from 0 to 255 and the # key.

Eg: Entering 23350743 # 1 68 # will set the facility code to 68.

User PIN Code Setting

To set a user pin code, first enter the current 8 digit master code (which is factory pre-set to 23350743). If correct, the keypad will emit 5 short beeps. Otherwise it will emit rapid beeps for about 2 seconds indicating an incorrect code. Next press * then a slot number from 1 to 2000 then * then a 1-8 digit pin number then * followed by a card number from 0-65535 and the # key.

Master code * Slot number * PIN number * Card number #



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Eg: Entering 23350743 * 934 * 8863 * 10520 # will set a pin number of 8863 in slot 934 and give that pin an effective card number of 10520.

Clearing a user PIN code

To clear a single user PIN code, first enter the current 8 digit master code (which is factory pre-set to 23350743). If correct, the keypad will emit 5 short beeps. Otherwise it will emit rapid beeps for about 2 seconds indicating an incorrect code. Next press * then the slot number from 1 to 2000 to be cleared then * then * again, followed by 1 and the # key.

Eg: Entering 23350743 * 843 * * 1 # will clear the pin code for slot 843.

Clear all user PIN codes

To clear all user PIN codes, first enter the current 8 digit master code (which is factory pre-set to 23350743). If correct, the keypad will emit 5 short beeps. Otherwise it will emit rapid beeps for about 2 seconds indicating an incorrect code. Next press # then 31 and the # key

Low Battery Indication

When internal battery monitoring circuitry determines the battery is running down and should be replaced, the keypad will emit a sequence of alternating short and long beeps spelling out "SOS" in Morse code when a correct code is entered. When this occurs, it is advisable to change the battery as soon as convenient. The battery required is a standard 9V snap-in PP3 type (also known as 6F22). For maximum battery life it is best to use a premium alkaline model such as Duracel or Energiser.

External power connection

The KP2KTX4-W26 can be powered from an external nominal 12V DC power source by using the EXT 12VDC rising cage terminal block. **Warning: If external power is used, a 9V battery must not be connected to the battery terminals of the KPTX4-W26. If a battery (of any kind) is connected while power is applied to the EXT 12VDC connector, the battery may leak or explode.**