Keypad Instruction

Step 1: Power cycle the reader

Step 2: Within 1 minute from power on perform one of the following tasks:

1. Enter * 8 8 8 9 9 9 9 on the keypad

   OR

2. Present card part# CE-000-044 or CX-001-044-000

The LED turns green and a short triple-beep indicates that the reader is ready to have the keypad format entered on the keypad. The user has 5 seconds to enter the keypad format.

Three keypad formats are:

- 4 bit burst
- 8 bit burst
- 26 bit Wiegand with fixed facility code

Step 3: Enter the keypad format using the keypad. A short triple-beep indicates success and you are done.

- 4 bit burst - Enter 0 1
- 8 bit burst - Enter * 0
- 26 bit Wiegand - Enter # followed by a 3 digit facility code between 000 and 255.

Facility code examples – all numbers are in decimal:

- Enter # 0 9 6 for fixed facility code 96
- Enter # 1 2 8 for fixed facility code 128

In this mode, enter your PIN and press #. The reader sends the PIN (packaged as a 26-bit Wiegand output with the fixed facility code). The PIN must be a number between 1 and 65535.

Example:

```
1 10000000 0000101010100000 1
8 bit facility code is 128
16 bit PIN or card number is 2720
```

26-Bit Keypad Format

```
E XXXXXXXXXXXX XXXXXXXXXXXX O
↑
1st bit transmitted
O = Odd parity bit computed over all underlined data bits
E = Even Parity bit computed over all highlighted data bits
X = data bit
```