Menu Operation

Pressing the small white button on the back of the reader or touching a specially programmed ekey will put the reader into setup (or menu) mode. The reader will display the word 'Meters' when you press the button or touch the menu ekey.

Use of the built in telephone style keypad to change menu items and values:

- Use **2** to scroll up the menu items
- Use **8** to scroll down the menu items
- Use **#** to select the menu item displayed (same as 'Enter' on a computer)
- Use ***** to {escape} back out of the menu item on the display (go to the 'top' of the menu)
- Use **6** to increase numbers or values by 1 shown on the display
- Use **6 or 4** to toggle Yes/No values numbers or values shown on the display
- Use **3 or 9** to increase numbers or values by .25 or 1.00 shown on the display
- Use **1 or 7** to decrease numbers or values by .25 or 1.00 shown on the display

Reader Menu Items - Summary

The menu items shown below are displayed in a hierarchical format. A main menu item is displayed with a bullet beside it, any sub menu items (accessed by using the 'enter' on your keypad), are displayed indented below the main menu item. To access menu items use the up and down method. To access sub menu items, use the 'enter' on a menu item. To go back one or more sub menu levels, use the 'back out' method listed above.

In service date: Readers manufactured after February 1st will boot with an 'in-service date' which is automatically recorded by the reader when it is put into operation at your facility. This in-service date will determine if the reader is under warranty if problems occur with the hardware.

- **Meters:** View all meter readings here
  Display will also show the Serial Number of your reader.

- **Security:**
  Vendor: (security) 180-200
  Location: (security) 0 to 800 by 1 *(your exclusive code)*
  Season: (security) 0 to 255 *by 1*
  Dispenser No: (security) 1 to 10 *by 1*
  PIN Encryption: (security) 1 to 255 *by 1*
  PIN valid for: (information) 0 to 1440 *by 1*

- **Pricing**
  Selection 1: 0.00 to 100.00 – *by .05*
  Selection 2: 0.00 to 100.00 – *by .05*
  Selection 3: 0.00 to 100.00 – *by .05*
  0.00 makes selection Not Available
  pressing 4 when at Not Available will make selection free.
  Bill Acceptor: not installed, pulse $0.25, pulse $1.00 value of pulse from currency validator if installed.
  note: value should be = 'not installed' if you do not have one.
  Hold Credit for: 60 to 240 seconds. Time validator credit is held if less than selection 1 price.
  Allow eKey Reval: Y/N Allow ekey users to put value on their ekeys using the currency validator.

- **Options**
    - **Use ENC2 format: Y/N** Should be set to no unless advised by tech support.
    - **Wired 4 digit PIN: Y/N** Should be set to no unless you are using the wireless or wired comm-link.
    - **Use $0.00 format: Y/N** No will suppress the $ sign in price displays. Use no for Europe
    - **Use Pulse Count: Y/N** Usually No. Selecting Yes allows different pulses (tokens) for each size.
    - **Pulse Count Sel1: 1 to 9** Visible only if Use Pulse Count=N. Use extreme caution if using different values.
    - **Pulse Count Sel2: 1 to 9** Visible only if Use Pulse Count=N. Use extreme caution if using different values.
    - **Pulse Count Sel3: 1 to 15** Visible only if Use Pulse Count=N. Use extreme caution if using different values.

- **Relay Functions**
    - **Only one mech Y/N -** No if you have 3 output wires connected to the reader. (Range Servant equipment)
        Yes if you have one token mechanism and dispense multiples of size 1.
    - **Dispense Time1** :0 to 20 by 1. Delay number of seconds between pulses for selection 2 and 3
        Set this time to the amount of time it takes to dump and refill the tray with balls.
    - **Dispense Time2** :0 to 20 by 1. Delay number of seconds for selection 2.
        (only visible if 'Use one mech' is set to No)
    - **Dispense Time3** :0 to 20 by 1. Delay number of seconds for selection 3.
        (only visible of 'Use one mech' is set to No)

- **Time/Date**

- **Internal Markers (information use only)**
    - **Records**: number of transaction records currently stored in the reader waiting for download with the carrier
        Note: Optional wired or wireless connection can download automatically.
    - **Total Lost**: number of Lost eKeys in the reader.
    - **Warranty Expiry**: Date of first service with warranty period of +12months or +6 months.

- **Exit**
    - **Firmware**: Firmware version installed in the reader. Current version as of Feb 2014 is 59.112

Helpful hints:

Download the reader often to keep your computer records up to date and 'teach' the reader the Lost Listed accounts.

Pressing the # key on the reader while it is in standby will display the current number of transaction records stored in the reader.

Make sure 'Bill Acceptor' menu item is turned off if you do not have a paper currency validator on the machine.