

Menu Operation

Pressing the small white button on the back of the reader will put the reader into setup (or menu) mode. The reader will display the word 'Meters' when you press the button. A specially programmed ekey can be made in the software if you cannot easily access the back of the reader.

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 4 to decrease numbers or values by 1 shown on the display and/or toggle Yes/No values
- Use 6 to increase numbers or values by 1 shown on the display and/or toggle Yes/No values
- Use 3 to increase numbers or values by 25 shown on the display
- Use 9 to increase numbers or values by 100 shown on the display
- Use 1 to decrease numbers or values by 25 shown on the display
- Use 7 to decrease numbers or values by 100 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.

Start up Information:

Readers manufactured after February 1st will boot with a firmware version and '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 (allows you to restart your year or rebuild your database)

Club Sat ID: (security) 0 to 255 by 1 (to isolate the use of Club keys between related courses)

Dispenser No: (security) 1 to 10 by 1

PIN Encryption: (security) 1 to 255 by 1

PIN valid for (minutes): (information) 0 to 1440 by 1

NOTE: IF Club Sat ID: (security) is set to anything but 0 (zero), customers may see the message 'Cannot be used at this course'. Set Club Sat ID: (security) = 0 if not used.

Pricing

Selection 1: 0.00 to 650.00 – by .05

Selection 2: 0.00 to 650.00 – by .05

Selection 3: 0.00 to 650.00 – by .05

Pressing the 0 key or pricing a selection at \$0.00 makes the selection Not Available.

Bill Acceptor: pulse \$0.25, pulse \$1.00 or not installed... This is the value of the pulse from the paper currency validator if one is installed.

(note: value should be = 'not installed' if you do not have a paper currency validator.)

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 add value (revalue) on their ekeys using the currency validator.

Options

Use \$0.00 format: Y/N - No will suppress the \$ sign in price displays. Use No for Europe

Allow Club Keys: Y/N - Turn off Club (automatic daily revalue) Keys

12 Month Expiry: Y/N - Automatically expire keys not used in 1 year

Wired/Wireless Validation: Y/N- If dispenser is connected to a computer wired/wirelessly

Use Pulse Count: Y/N - Usually No. Selecting Yes allows different pulses (tokens) for each size.

Pulse Count Sel 1: 1 to 8. Number of 'tokens' for selection size 1.

Use extreme caution if using a different value other than 1.

Pulse Count Sel 2: 1 to 8. Number of 'tokens' for selection size 2.

Use extreme caution if using a different value other than 2.

Pulse Count Sel3: 1 to 15. Number of 'tokens' for selection size 3.

Use extreme caution if using a different value other than 3.

Relay Functions

Use Long Pulse: Y/N -

No = 90 millisecond close time for the token pulse.

Yes = 120 millisecond close time for the token pulse.

Use 3 Outputs: Y/N - Yes if you have 3 separate pay/input channels (Range Servant equipment)

No if you have one pay/input channel on the dispenser control board and will be dispensing multiples of size 1. (eg: 30-60-90)

Dispense Time1: 0 to 20 by 1. The 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 when there is normally only one basket size.

Dispense Time2: 0 to 20 by 1. The number of seconds to drop all the balls for selection 2.

(only visible if 'Use 3 Outputs' is set to Yes)

Dispense Time3: 0 to 20 by 1. The number of seconds to drop all the balls for selection 3.

(only visible if 'Use 3 Outputs' is set to Yes)

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 list stored in the reader. (Use Carrier to update).

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 Dec 2015 is 178.6

Helpful hints:

If you are not using the data carrier to download the reader the 'Lost Listed' Accounts can still be used.

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

If you change the Lost List, you need to update the lost list on the carrier by downloading the carrier on the computer first and then taking the carrier to the dispenser to 'teach' the reader the new lost list.

Download the reader often using the data carrier to keep your computer records up to date and 'teach' the reader the latest Lost Listed accounts list.

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

Electrical noise and interference on the circuit providing power to the dispenser can cause the reader to lose it's settings and or change the clock randomly.

Avoid having cart chargers, soda machines, halogen lighting or other devices that draw a lot of electrical current having their power source from the same electrical panel (breaker box).

If the dispenser is located more than 200 feet away from the electrical panel, (breaker box), you will need to confirm that the gauge of wire used, (thickness or diameter), is large enough for the current loss over the long distance. If the distance is greater than 200 feet, make sure the wire used is not the standard household/commercial 14 gauge wire. Distances of 300 feet or more from the panel should be using 10 gauge wire to support a 15AMP circuit load.