

Microcoin QL

Quantum Leap

Installation Instructions

- 1) Install or replace long drop bracket on faceplate
- 2) Coin cup may need to be removed and re-attached in order to mount faceplate
- 3) Place Microcoin QL into the bracket and secure with lockable brace
- 4) The two holes on the lockable brace are designed to fit over the screw heads on the back of the QL coin mechanism

Wiring Instructions

Note 1: The Blue wires are interchangeable

Note 2: Dixmor timer users should skip to 4

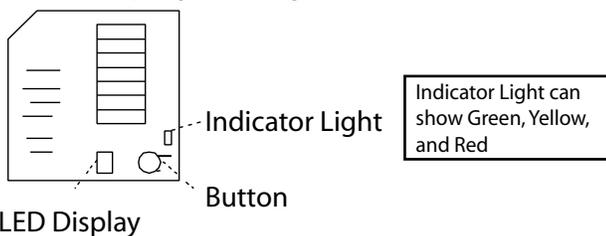
- 1) Connect the Black and a Blue wire to the 24 VAC
- 2) Connect the Yellow wire to the Neutral
- 3) The other Blue wire (see note 1) connects to the timer coin pulse
- 4) Dixmor Timers only:
Connect Black wire to 24 VAC
Connect Yellow and a Blue wire to Neutral
Connect the other Blue wire to timer coin pulse

Programming Instruction

Do not program in nickels, dimes, quarters or dollar coins. They are preprogrammed on lines 7-12 and can be turned on/off infinitely.

Note 1: Coins that are preprogrammed should not be programmed a second time.

Note 2: Programmed coins can be turned on/off without re-programming; Use Enable or Disable.



- 1) Press Button 3 times quickly. Indicator light will show yellow flashing. LED will show "1" to represent category number 1
- 2) Pressing the Button a second time will program the coin to the next category #, up to 5
- 3) When the appropriate category is showing on the LED, drop 10 different samples through the acceptor.
- 4) When the 10th coin has been sampled the Indicator light is a solid yellow
- 5) Press Button once. LED will read "0", this is the value
- 6) Press the Button one time for every 0.25 increment the token is worth, ie."4" gives the token a \$1.00 value (Press the Button 6x and the LED will read "6", the token value will be \$1.50), up to \$2.50 value.

- 7) When the appropriate value is assigned, press and hold the Button for 2 full seconds
- 8) When the Button is released the Indicator Light will show solid green
- 9) Test the coin acceptor. When complete note the token and value on the side of the Microcoin QL

Disable

Used to disable a coin temporarily or for long periods of time

- 1) Press twice quickly, Indicator Light will flash red
- 2) Drop coin one time, Ind. Light will show solid green

Enable

Used to reactivate a coin, not required for programming

- 1) Press Button 1 time, Indicator Light will flash green
- 2) Drop coin one time, Ind. Light will show solid green

Trouble Shooting Guide

<i>Problem</i>	<i>Possible Cause</i>	<i>Action</i>
All coins rejecting	No Power, no ind. light Low Voltage Water in coin path Programming mode interrupted	Check incoming voltage Monitor Voltage Allow to dry Return to programming mode and follow guide to reprogram most recent coin, if this mode is started and not completed all coins rej.
One coin rejecting	Coin disabled Not programmed Slightly different coin "look alike" coin	Enable coin Program coin Reprogram coin using 10 different samples Coins is actually different and can be accepted by programming on add'l category
Timer not counting	24 v. / common reversed	Refer to wiring section
Coin jam	Full coin box QL sitting crooked Coin path obstructed	Empty box and QL Reinsert into bracket Remove foreign object

Microcoin QL Warranty

Two year parts warranty from date shipped from factory
Two year labor warranty from date shipped from factory
Repair or replacement at factory option
Damage due to improper wiring, corrosion, vandalism, or water damage is not covered for any reason
Customer is responsible for the freight charges regardless of cause or outcome

Please include information for all warranties and service as to the nature of the problem, daytime phone #, return shipping address and any other pertinent information.

Programming and trouble shooting information available at www.hpws.com

Email questions to sales@hpws.com

Hi-Performance
WASH
SYSTEMS. INC.

3901 East 41st Ave Denver, CO 80216 (303) 322-2232