Status LED

A Status LED assists in diagnosing the condition of the Series CV1000. The following is a description of the LED codes, their meanings, and suggested remedial actions.

The CONLUX series CV1000 Bill Validator will accept the Conlux Free vend, Conlux Value vend, Conlux low cost Free vend coupons, the Pepsi coupon, and the Aramark $1.00 coupons.

Signal	Meaning	Solution
LED ON	Indicates the unit is enabled and ready to accept a bill.	No action necessary.
LED OFF	Indicates that no power has been applied to the unit.	Check to ensure that power is applied.
1 Flash	Indicates that something is obstructing the bill path.	Remove the magazine and LED housing; inspect for foreign material
2 Flashes	Indicates the unit is not enabled.	Verify configuration. Check the coin tube levels in the coin changer. There must be coins in each tube. Note: Many machines disable the bill Validator if the machine door is open and the door switch is not activated or if the machine is out of product.
3 Flashes	Indicates that the bill path needs cleaning for optimum performance.	Remove the magazine and LED housing and follow cleaning instructions to clean the bill path.
4 Flashes	Indicates that something is obstructing the cross channel sensor.	Remove the LED housing and look at the bill path on the housing and inside the unit for foreign material; clean as necessary.
5 Flashes	Indicates that the magazine is removed (the unit will not accept bills without the magazine attached).	Reinstall the magazine.
Slow Flashes	Unit is defective.	Replace the unit.
Fast Flashes	The magazine is full of money.	Remove money from the magazine.



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Limited updates were made to this document to include the CPI logo and current contact information. All other content remains unchanged since the document's last revision.

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CV1000
BILL VALIDATOR



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Installation

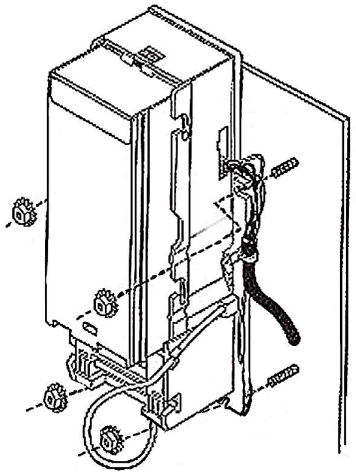
The Series CV1000 has been designed for ease of mounting onto existing studs provided by Original Equipment Manufacturers (OEMs). Some machines may require brackets or faceplates to mount the unit. Refer to your machine operation manual or contact your distributor/OEM for more model-specific mounting information.

1. Disconnect all power to the machine.

2. Secure the unit to the mounting studs with the appropriate hardware.

3. Connect the interface harnesses from the machine to the unit.

4 - 11/32 nuts



4. Apply power to the machine.

5. Check the Status LED for the “Steady ON” condition. If the LED is flashing, refer to the Status LED Chart.

6. Insert a bill to check acceptance. If enabled, the bill will be accepted.

7. Make a vend to ensure credit is received and proper change is paid out for the bill.

The Series CV1000 is preconfigured during manufacture to accept U.S. 1.00’s. The Series CV1000 can be manually configured using an option coupon or by inserting a bill of the desired denomination . If the Series CV1000 is reprogrammed using a coupon with a different configuration, the new configuration will be the default. The coupon configuration will remain in memory even with the power off.

COUPON CONFIGURATION PROCEDURE

1) Carefully copy the coupon from the Installation Guide. Make copies of the coupon with a standard, carbon-based, non-color copier. The copies of the coupon must be the size of a U.S. $1 dollar bill.

2) Use a #2 pencil to fill in the blocks for desired options.
For correct operation, all 3 sections must be completed. Fill in only one block per line. **Do not mark anywhere else or on the back of the coupon.**

Complete section 1 to enable desired bill denominations. Enable 1 or 2 direction face up, or 4 way acceptance (which allows acceptance in all directions).

Complete section 2 to enable desired bill denominations. Fill in one block for each denomination. Be sure to mark all the denominations.

Off will reject bills of the selected denomination.

ACCEPT will accept bills of the selected denomination.

Section 3 - Not Applicable

Section 4 - Not Applicable

Complete section 5 to control the Bezel Lights. Flashing or constantly ON may be selected.

3) Locate the blue configuration button on the back of the unit. Depress the button once to enter programming mode. The red LED Status light will flash rapidly. Depressing the button again will exit the mode.

4) Insert the coupon face up and verify the settings were accepted.

ACCEPTED: Coupon returned imediately and the LED and the green arrows on the front of the bill validator flash **10** times when coupon is pulled out.

REJECTED: Coupon returned after ten seconds. The red LED and the green arrows on the front of the bill validator flash the **number of times** corresponding to the section improperly filled out. Example: two flashes for improper section two.

Bill Configuration

An alternative to using the programming coupon is to program a CV1000 with a particular denomination of currency:
Press the Blue configuration Button on the back of the CV1000 Validator. The red LED status light, next to the blue configuration button, will switch from steady ON to RAPIDLY FLASHING.

Insert a bill of the denomination you wish to enable or disable. The bill will be returned to you. If it is enabled, the red LED status light and the green arrows on the front of the bill validator will flash **10** times.
If the bill is already enabled, it will be disabled, it will be returned to you, and the red LED status light and the green arrows will flash **3** times. Repeat the process to return to the former setting.

7 Flashes means the programming was **not** accepted.

IMPORTANT!!

DO NOT leave the machine until the Status LED returns to steady ON.