



# BillPro™ Series Bill Acceptor

## Installation & Operation (BP2 & BP4) Guide

### Multi-Drop Bus Unit

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#### **INTRODUCTION**

The BillPro™ Series Bill Acceptor is the result of extensive research and development in computerized crediting systems. These greatly simplified units provide many important features never before available in any bill acceptor. The BillPro™ Series Bill Acceptor extends the capability of the vending machine to generate maximum performance.

This page contains general information on installing, operating and maintaining the BillPro™. Some of the units many outstanding features include:

- Modular design with new routines and validation techniques that simplify future upgrades and expansion
- Improved Bill Rejection/Anti-Jam Software
- Single harness with quick disconnects for ease of service
- Plastic PCB's (Printed Circuit Board) enclosure assures protection from water damage
- MDB (Multi-Drop Bus) interface only
- New "Flex Stacker" maximizes bill capacity
- BP2 accepts old and new \$1 and \$5's; BP4 accepts old and new \$1, \$5, \$10 and \$20's; coupon capabilities are also available for both models
- Improved anti-cheat features
- Compact design proves easy machine installation
- New configuration features eliminates the dipswitch

#### **INSTALLATION AND OPERATION**

1. Remove the vending machine's power.
2. Install the BillPro™ Series bill acceptor into the mounting hole of the vending machine using the appropriate hardware (NOT INCLUDED).
3. Connect the BillPro™ Series interface harness to the vending machine.

**NOTE:** *Should additional mounting hardware be required, please contact your local Coinco office or machine manufacturer.*

4. Restore power to the vending machine (illuminated inlet will begin to flash and stacker motor will cycle upon power-up).

5. Observe that the power indicator light, on the back of the lower housing, is ON continuously. If the light is off or blinking, check the following:
  - Power to machine
  - Machine disabling unit
  - Bill acceptor harness
  - Machine does not have credit already established
6. With the vend price set below one dollar, insert a one dollar bill.
7. Verify that a dollar bill is accepted and stacked into the bill box.
8. Verify a one dollar credit has been established.
9. Check the bill box to see that the one dollar bill is properly stored.

#### **ABOUT THE CONFIGURING OPTIONS**

The eight different configuration options and the order in which they are stored in the bill acceptor are as follows:

- \$1 accepted with high security disable
- \$1, \$5 accepted with high security disable
- \$1, \$5, \$10 accepted with high security disable \*
- \$1, \$5, \$10, \$20 accepted with high security disable \*
- \$1 accepted with high security enable
- \$1, \$5 accepted with high security enable
- \$1, \$5, \$10 accepted with high security enable \*
- \$1, \$5, \$10, \$20 accepted with high security enable \*

Configuring the bill acceptor for bill enabling and security is accomplished using the anti-cheat lever and the illuminated inlet. The anti-cheat lever is used to enter configuration programming mode, scroll through all possible configuration options and select the required configuration. The illuminated inlet provides feedback to the user during the configuration process by displaying a pattern that corresponds to each configuration option available.

**\* Options available for BP4 only.**

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## SETTING THE CONFIGURING OPTIONS

- Remove the lower housing (See Figure 1).
- Depress and release the anti-cheat lever five times, holding it down for a half a second each time.
- Once in the configuration mode, depress and release the anti-cheat lever one time to scroll to the next configuration option. Continue depressing and releasing the anti-cheat lever until the desired option is reached.
- Once the desired option is displayed, depress and hold the anti-cheat lever until the unit exits the configuration mode (approximately 3 seconds). The new configuration setting will flash 3 times to confirm the setting.
- Replace the lower housing.
- Test unit to insure proper set-up.

## REMOVING ACCEPTED BILLS

- Accepted bills may be removed by releasing the bill box lid exposing the bills or by removing the bill box from the bill acceptor (See Figure 2).

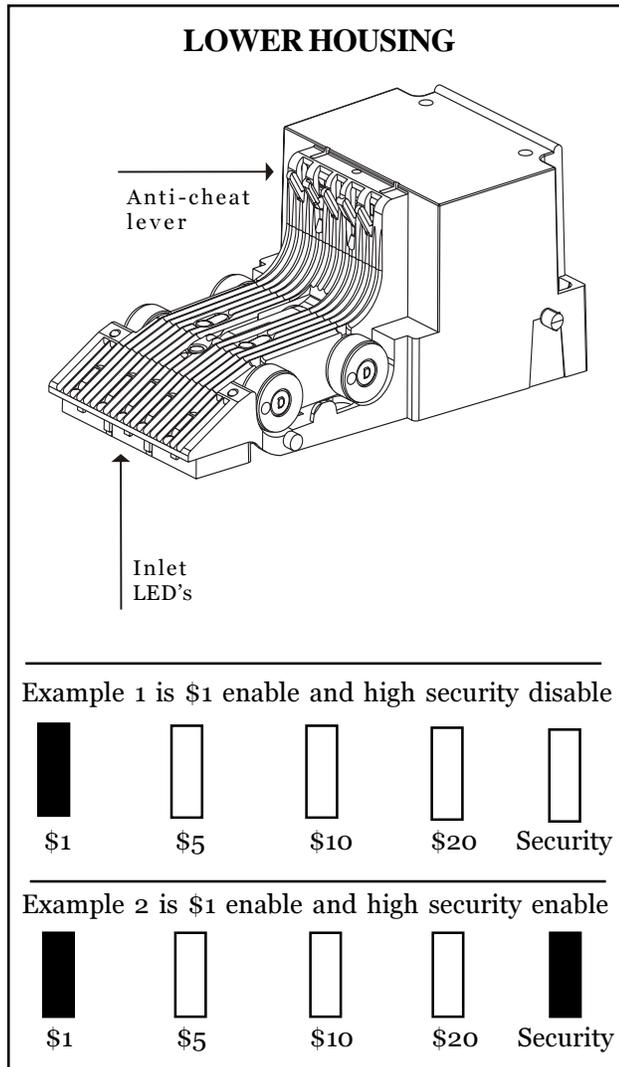


Figure 1

## CLEARING JAMS & CLEANING

(See Figure 2)

- Dirt or debris can result in poor bill acceptance or bill rejection.
- Remove the bill box and lower housing to access the bill path for dirt or debris.
- Clean the bill path plastic parts and belts with a cloth moistened with a mild soap and warm water solution.
- Clean the magnetic head using isopropyl alcohol.

**\* Do not use any petroleum based cleaning solvents, scouring pads or stiff brushes for cleaning. The BillPro™ bill acceptor requires no lubrication at any time.**

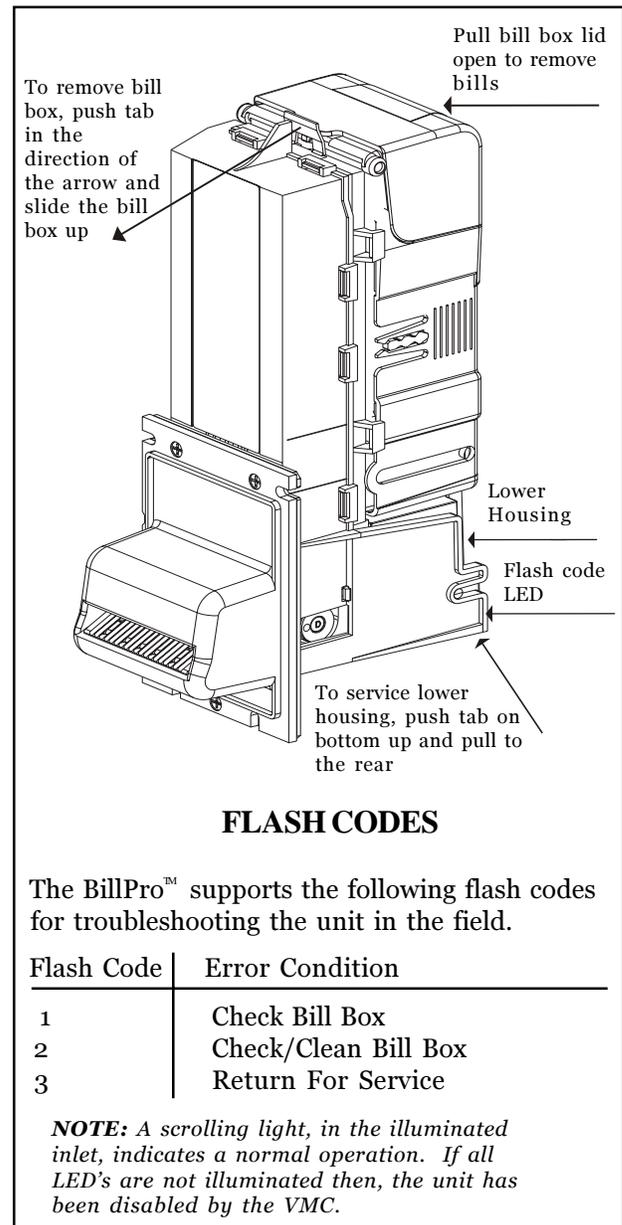


Figure 2