

# **ARBORTRONICS Inc.**

1520 Lodestar Road, Unit 20,  
Downsview, Ontario M3J 3C1  
Tel.: (416) 638-6112 Fax: (416) 638-0007  
E-mail: [sales@arbortronics.com](mailto:sales@arbortronics.com)  
Web: [www.Arbortronics.com](http://www.Arbortronics.com)

December, 2006

## **Preliminary**

### **Can Acceptor Controller**

#### **ARB-V15**

#### **OPERATION**

When the controller is powered up, the message “Please Insert Cans” will be displayed. After a few seconds the controller will begin to toggle between this message and another message, which is, “Your Cash For One Can” followed by the value, in cents, for each can the user deposits. When a user deposits a can, the metal detector will indicate to the controller that one can was deposited and the message “Cans Deposited” followed by the number of cans deposited will appear on the display. After a preprogrammed time period, without any coins being deposited, the controller will assume that the user has completed depositing cans. When the user has completed depositing cans controller will display “Your Cash”, followed by the amount of cash that the number of deposited cans is worth, and dispense the coins. The message “Sorry Out Of Service” on the display will indicate one or more of the following problems, no communications with the metal detector, the 1¢ coin hopper is unable to dispense, or the 5¢ and 25¢ coin hopper are unable to dispense. Check the ‘Problem Log’ to know exactly which problem caused this message. To view the ‘Problem Log’, enter the ‘Service Menu’ either by pressing any key while the message “Sorry Out Of Service” is on the display or by pressing the ‘Setup’ button on the rear of the controller. Once in the ‘Setup Menu’, press number 3 on the keypad to view the ‘Problem Log’. The ‘Problem Log’ will display the problem with “Problems” followed by the problem description.

#### **SETUP**

Press the ‘Setup’ button to enter the ‘Setup Menu’; the setup menu consists of the following three options, which will be displayed by the controller, “Price – 1”, “Time – 2” and “Problem Log – 3”. Press number ‘1’ on the keypad to set the Value that each can is worth. The controller will display “Price For One Can”, followed by the current value of one can in cents. Enter a new price per can by entering a three-digit value using the keypad, pressing the ‘#’ key to clear and mistakes and the ‘\*’ key to save the data and return to the ‘Setup Menu’. Selecting 2 from the ‘Setup Menu’, will allow then setting of the maximum wait time between cans. The maximum wait time between cans is the amount of time that the controller will wait before it assumes that the customer is done depositing cans. The time is a two digit value, which is changed in the same manner as the price per can.

## **CONNECTIONS**

1. Connect the keypad cable to the 8-pin connector, J2 on the Controller.
2. Connect the 10-pin female end of the Dispenser Sensor cable to J3 on the Controller.
3. Connect the Metal Detector Cable to J6 on the controller.
4. Connect the 110VAC cable to the 110VAC connector on the add-on board
5. Connect the Dispenser Power cables between their respective Dispensers and connectors on the add-on board.
6. Connect 24VAC to the 2-pin connector, J1 on the Controller.

## **PACKING LIST**

1. Can Acceptor Controller
2. Keypad
3. Keypad Cable
4. 110VAC Power Cable
5. Control Cable for the Coin Dispensers
6. 3xPower Cables for the Dispensers
7. Metal Detector Cable