

# **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)

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## **Bill Validator Pulse Multiplier Interface**

### **Model ARB-GI5M**

#### **DESCRIPTION**

This Interface Unit (IU) is designed to count output pulses from a Bill Validator (BV), multiply the number of pulses by an owner requested amount, then simulate a BV outputting this new number of pulses.

#### **OPERATION**

The IU counts the pulses of a BV by detecting its relay output pulses. This is done by applying a ground signal to one side of the BV's relay while the other side of the relay is connected to the IU's input and is pulled up to +5V. Every time the BV pulses, the input line is pulled to ground. The IU counts these pulses, multiplies the number of pulses by an owner requested amount and pulses its own relay output that many times.

#### **SPECIFICATION**

- Bill Validator Mars Electronics GL4 Series or any other with a compatible relay output.
- Power 12V DC - a Wall Mount Adapter is available

#### **PACKING LIST**

1. ARB-GI5M Interface Unit
2. ARB-H600 Interface Cable
3. 12V DC Power Supply (Optional)
4. Bill Validator (Optional)
5. Demo Disk including – ARB-GI5M Overview (Trial Package Only)