

## **Troubleshooting**

---

### **No lights or operation**

Be sure that the PowerHouse power supply is plugged into the LEGACY PowerMaster, the PowerHouse cord is plugged into a 120 VAC outlet, and the power switch is turned on.

### **Train runs, but WHISTLE/HORN, BELL, and DIRECTION buttons do not work**

Check track connections. The track must be connected to the “A” and “U” terminals on the transformer. Check that the CMD/CONV switch is in the CONV position.

### **Locomotive runs slowly or lights dim at the far end of the track**

On larger layouts, additional track resistance may cause a voltage drop. Attach additional Lockons to the remote portion of your track.

### **Red indicator light is flashing or on**

The power limit of the transformer has been exceeded. The unit will gradually reduce power until the problem is corrected. Light will remain On when output is shutdown due to an overload. Press **AUX1**, **0** or **R** on the CAB remote to reset the PowerMaster.

### **Bell button blows whistle**

Switch the wire connections at the Lockon or PowerMaster Terminals. Be sure that the U post is connected to the outside rail and the A post is connected to the inside rail.

### **Green indicator light is flickering**

The Command signal is weak or absent. Check that the Command Base is plugged in and the green light is on. Ensure that the U terminal of the Command Base is connected to the U terminal on the LEGACY PowerMaster or to the outside rail of the track.

### **The PowerMaster does not respond to the CAB Remote Controller**

Check to see that the Command Base is plugged in and the green light is on. Ensure that a wire is connected between the Command Base “U” terminal and the LEGACY PowerMaster U terminal (or to the U terminal on a track Lock-On). Turn the power off to the LEGACY PowerMaster and then back on. Check the batteries in CAB Remote Controller. Reprogram the ID# of the LEGACY PowerMaster.

### **Output does not go to full voltage in CMD mode**

Maximum output voltage for CMD mode has been set. Clear the setting.

### **Cannot set a voltage limit in CMD mode**

Check that the command/conventional switch is in the CMD position.