

WARRANTY

Bridgewater provides technical support free of charge, regardless of how long you have had your controller. Sometimes an issue can be fixed over the phone, saving the cost of shipping and getting your railroad running faster.

Parts and labor are warranted for a period of 5 years. If your Bridgewater Product requires repair, ship it back to Bridgewater, We will repair or replace it and return it to you. If your warranty has expired, or is not registered, there will be a charge for repair and shipping.

If a unit is returned for repair and no problem is found, there will be a \$25 service charge.

Return Freight Policy: Customer is responsible for return freight; you will be advised the amount when your unit is ready for return.

Warranty does not cover repairs to damage caused by misuse or abuse. Please do not leave this product outdoors: unplug the quick disconnect plugs and bring it indoors when it is not in use.

Be sure to keep the packaging just in case your unit ever does need to be returned for service. Some of our products are very heavy, and the special packaging is designed specifically to protect the internal parts and cosmetics of the product.

Please take a moment to fill out the Warranty card in the box or online at Bridgewater.com and return it to us.

Thank you.

BRIDGEWERKS
901 N Brutscher St Suite D383
Newberg, OR 97132
www.bridgewater.com



Mag 15 Power Supply



Family owned and operated since 1995

Mag 15 Power Supply

- **CONNECTIONS:**

The MAG-15 is a linear power supply intended to provide up to 600 Watts of power for model railroads, and accessories

There are three outputs from the MAG-15.

- the primary output is a 20V regulated DC output, this can be used as a power source for other power controllers such as the Bridgewater Mag-Mate, or UR-15, or for third party control systems such as DCC systems.
- There is an unregulated, 12V output from the power supply,
- There is a 24V AC output



- **Wire:**

Use heavy gauge wire to connect your power controller to the track. For distances of up to 15 feet, you should use 12 gauge wire. For distances over 15 ft, you use 10 gauge wire. Although the track itself is similar to a very heavy gauge wire, in larger layouts, significant loss can occur from the connections between sections of track. To improve this, run multiple power connections to the track from the controller and/or use track clamps rather than slider type couplers. In outdoor layouts which are exposed to extreme temperatures, the track will expand and contract as the temperature changes, and slider type couplers may have to be used.

- **Outdoor operation**

Garden railways are often installed outdoors and Bridgewater controllers are built to be used with outdoor railroad layouts. However, they are not waterproof, and as with any electronic equipment, **they should not be left outdoors when not in use.** To make this easy, the connections are all made so that they can simply be unplugged and the controller can be carried indoors.

- **Overload Protection:**

In the event of an overload, the circuit is protected by a resettable fuse on the back of the unit. If it trips, turn off the power, wait for a few minutes, remove whatever caused the overload, then press the button on the back of the unit to reset the fuse, and turn on the power again.