



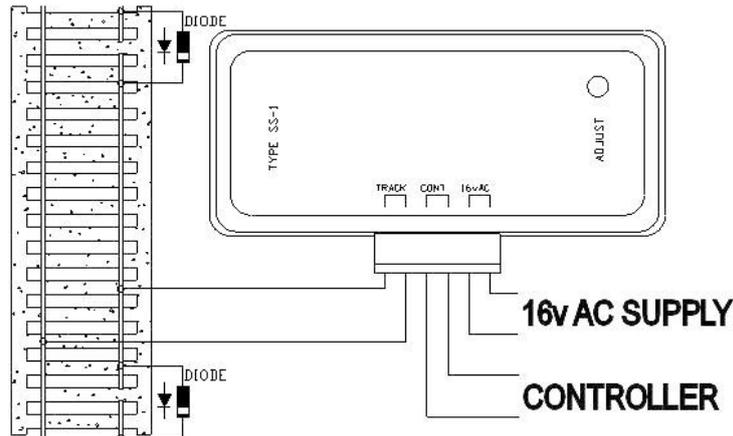
# GAUGEMASTER Analogue

## GMC-SS1LGB Super Shuttle Unit for G Scale

### Installation Instructions

The SS-1LGB Super Shuttle is designed to be placed permanently in line with your track feed and provide an automatic end-to-end shuttle facility. As shown in the diagram, one rail will require a break at either end leaving a suitable length to fit the locomotive and rolling stock used. The breaks in the track can be fitted with insulators if desired and both breaks are bridged using the two **diodes** provided, as indicated in the diagram.

Note that the diodes face the same direction.



Place a locomotive on to the centre section of the track and adjust the controller to the desired speed. The locomotive will move to one end of the track and on crossing the rail break will stop. After a short period, the loco will move in the opposite direction. Allow the unit to run a few times before any adjustment is made via the adjusting screw. Should the locomotive fail to reach the end section, either increase the speed of the locomotive or using a flat blade screwdriver adjust the cycle time by piercing the label in the area marked ADJUSTMENT and rotating the trim pot.

Using your screwdriver, you can rotate the trim pot clockwise to shorten or anti clockwise to increase the cycle time. The delay can be varied between approximately 20 to 70 seconds.

The unit is designed to be used on Z, N, OO or similar, The SS-1 can be used on any type of track at a maximum of 20V DC @ 1amp. The AC input has a range of 10 to 18V maximum - 20v is not suitable.

#### FAQ

##### The loco does not stop after crossing the break:

- Is the track completely broken? disconnecting the diode leg will confirm this as the locomotive should be rendered inoperable in the relevant end section
- Check the diode direction and reverse if required, note if this is the problem the locomotive will typically not stop unless the controller is reversed.
- Ensure the track feed is connected in the centre section.
- If rolling stock is used the diodes will require to be set at different lengths from the end of the track to allow the locomotive to cross the break.

##### The loco does not automatically change direction:

- An AC feed is required to power the internal part of the unit that change the locomotive direction.

**Not suitable for children under 14 years unless supervised by an adult.**

**GAUGEMASTER** Controls Ltd, Gaugemaster House, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom

Tel—01903 884488 Fax—01903 884377 email—sales@gaugemaster.com

[www.gaugemaster.com](http://www.gaugemaster.com)