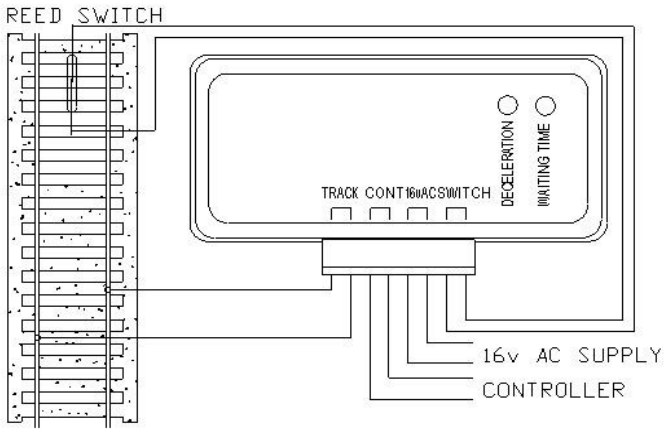
GAUGEMASTER Analogue

GMC-SS2 Station Stop Unit

Installation Instructions

The SS-2 Station Stop is designed to be placed permanently in line with your track feed and provide an automatic stop and start facility on a looped track. As shown in the diagram, the unit is connected in line with your track feed observing the input polarity on the SS-2 unit. A 16v AC supply is required to power the unit, the instillation of the reed switch and magnet (supplied) will also be required. Once all wire connections have been made don't forget to attach the magnet to the locomotive or rolling stock, more detail on wiring is covered in the Tips section below.



Set your controller to the desired speed and allow it to drive the locomotive around the layout. Once the affixed magnet passes over the reed switch, the unit will bring the locomotive to a gradual stop. Once the desired stop time has elapsed the loco will resume it's journey and repeat this process every rotation. In order to make the unit more flexible there are two trim pots located inside the unit. These can be accessed by inserting a small flat bladed screwdriver through the outer cover in the relevant circle (see diagram).

Using your screwdriver, you can rotate the trim pot clockwise to shorten or anti-clockwise to increase the cycle time The cycle can be varied between approximately 20 to 70 seconds. The speed of acceleration and deceleration can also be adjusted in the same way to suit your needs.

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 12Vdc @ 1ampere. The AC input has a range of 10 to 18Vac.

Tips

Installing the magnet and reed switch

These items are critical for sending a signal to the unit to start it's cycle and although you can make adjustment via the trim pots we suggest you have a few trial runs before finalizing the reed switch position. This can be done by sticking the reed at the side of the track with some adhesive tape or similar. The magnet should also be attached to the side of the desired vehicle in the same axis as the reed.

On final installation, ensure that the reed switch is clear of all moving parts (recess into the track if required), and the magnet is attached close enough to reliably activate the switch.

Additional reeds and magnets are available should you require more than one stop per revolution, please note the cycle will not restart if the unit has not completed it's current cycle.

Cycle Time

Please note the cycle time is inclusive of the deceleration, stop and acceleration period.

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