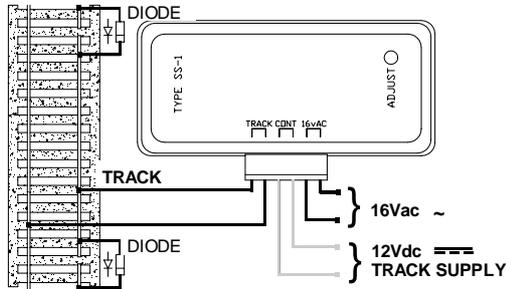




## INSTALATION INSTRUCTIONS FOR MODEL 'SS-1'

Permanently connected between track and controller the SS-1 provides an automatic end to end shuttle facility.



Disconnect any previously fitted track supplies.  
 Connect the unit as shown in the diagram. Allowing for the length of your longest train cut the negative rail at each end of your track. Using the diodes provided bridge the track breaks in the manner indicated in the diagram

Place a locomotive on to the centre section of the track and adjust the controller to achieve the desired speed. The locomotive will move to one end of the track and on crossing the track break will stop. After a short period the loco will begin to move in the opposite direction. Allow three cycles of operation before making any adjustments. Should the locomotive fail to reach the track breaks before reversing then you must either a) Increase the speed of the locomotive, or b) Using a fine flat blade screwdriver adjust the cycle time by pushing the blade through the label at the position marked adjust. Once located turn the screw clockwise to shorten the cycle time and anti-clockwise to lengthen it ( Time delay: Variable between approximately 20 & 70 seconds) .

Designed for gauges 'Z', 'N', 'OO', or similar the SS-1 will work on all types of track. Maximum track voltage 12Vdc. Maximum track current 1 Ampere. Input voltage range 10 to 20Vac. **Note:** Incorrect connection may damage the unit.

**AVOID DROPPING - DELICATE ELECTRONICS.** The unit has no serviceable parts and should not be opened. Doing so may invalidate your warranty.

**GUARANTEE:** We undertake to replace and fit, any parts found defective within the lifetime of the unit, providing the unit is returned, has not been tampered with and the required parts remain available. This guarantee does not affect your statutory rights. We reserve the right to vary design or specification without notice.

**Not suitable for children under 14 years unless supervised by an adult.  
 For indoor use only.**

### GAUGEMASTER CONTROLS plc

GAUGEMASTER HOUSE, FORD ROAD, ARUNDEL, WEST SUSSEX. BN18 0BN ENGLAND  
 Tel: 01903 884321 Fax: 01903 884377 E-mail: [gaugemaster@gaugemaster.co.uk](mailto:gaugemaster@gaugemaster.co.uk)  
 Web Site: [www.gaugemaster.com](http://www.gaugemaster.com)

Text Black on White

Title: Arial 12 BOLD - General text: Arial 10

Address Block - GAUGEMASTER CONTROLS - ITC SOUVENIER BOLD 10 - Other Arial Narrow 9

Drawn by: P Nesbitt

Date: 20/5/02 Issue: 1

File: F:/USER/WORKSHOP/PUB/HANGING CARDS/SS-1 HC.PUB