



GAUGEMASTER Analogue

GMC-HF1 / HF2 High Frequency Track Cleaners

Installation Instructions

Your new HF track cleaning unit is a high frequency AC generator that will assist in cleaning the track and ensuring good contact between the conductive surfaces. The unit has been designed to be permanently connected, inline with your existing track feed, and once installed its operation is fully automatic. If used with other track control devices the HF unit will normally be the last item inline before the track or section switches. Any common return must be done after the HF track terminals and never on the controller side.

The harmless high frequency signal will burn off small particles and residue associated with dirty track and maintains the contact between rails etc.

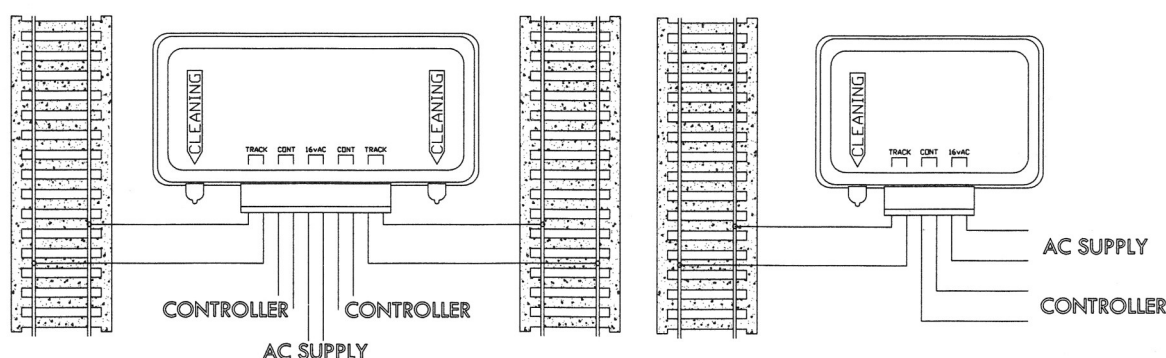
NOT SUITABLE FOR USE WITH DIGITAL (DCC) CONTROL

WIRING THE UNIT

16vAC: The terminals marked 16vAC are used to power the internal parts of the cleaner and are not associated with the motor voltage. A smaller AC supply such as 9v or 10v can be used but this will reduce the cleaning effect. These units require a minimal amount of current and the typical accessory output terminals on a controller or stand-alone supply are ideal.

CONT: The CONT terminal are for connection to the TRACK output from your **controller** and is regarded as the input side of the unit. The input voltage can be from 0 to 12v DC as used on Z, N, OO and HO or larger scale items and in all cases a maximum current of **1amp** must not be exceeded.

TRACK: The track terminals are for connection from the HF unit to the track and will carry both the high frequency and motor power to the track.



RECOMMENDATIONS

Any devices connected to the track such as lighting, sound devices or other electronic equipment will cause the unit to shut down. This typically includes carriage lighting and capacitors held inside power clips and feeder tracks, or other controllers that are connected to the layout without an HF unit inline. Water-based glue and complicated track sections can also sometimes cause problems. As a rule if the neon light on the unit is ON when only the **16vAC** and **CONT** terminals are connected but goes out when an apparently empty track is connected, then a close inspection of the layout is recommended.

CAUTION: When in use, touching both rails can result in the cleaner conducting through your skin and we would not recommend this.

GUARANTEE: We undertake to replace, free of charge, any parts found defective within the lifetime of the unit, providing the item has not been tampered with and parts are still available for such a repair. This guarantee covers only the supply of replacement parts, labour cost for fitting of same and the cost of returning the unit to the customer or retailer. 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.

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