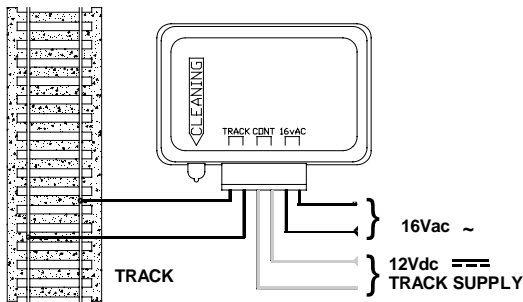5 060025 795638

INSTALATION INSTRUCTIONS FOR MODEL 'HF-1'

Permanently connected between track and controller, and fully automatic, the HF-1 track cleaner will greatly enhance the period of operation and low speed locomotive movements by superimposing a harmless high frequency signal on to the track power. When resistance, due to poor contact and above a preset level is detected the high frequency signal is automatically turned on, ionising the air gap between rail and conducting locomotive wheel and burning of the dirt and residue. When contact is restored the high frequency signal is turned off.

CLEANING

TRACK CONT 16vAC

16Vac ~

12Vdc ===
TRACK SUPPLY

TRACK

Disconnect any previously fitted track supplies. Connect the unit as shown in the diagram. Without a locomotive on the track the neon indicator will glow and it may be possible to detect a tingling sensation when touching the track. Placing a locomotive on the track will cause the neon indicator to extinguish.

Whilst the locomotive is in operation the neon indicator will flicker from time to time, depending upon the track condition.

Designed for gauges 'Z', 'N', 'OO', or similar the HF-1 will work on all types of track. Input voltage range 10 to 20Vac. Maximum track current 1 Ampere. This unit will not function with High Frequency Lighting Generators, Multiple Train Control Systems or with accessories that are powered from the track and some power clips. Water based glues in the region of the track should be allowed to fully dry before use. Track cleaners must be fully isolated from additional controllers and may only be common returned with other track cleaning circuits.

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.**

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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: 5/2/02 Issue: 1

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