

OPERATING INSTRUCTIONS FOR GAUGEMASTER HIGH FREQUENCY LIGHTING GENERATOR

This system provides lighting for locomotives and/or rolling stock, and is operated independantly of the locomotives motor control. This means that the lights can be turned on or off whilst the loco is in motion, or even when stationary.

Installation.

The unit needs to be installed as shown below (Fig 1.)

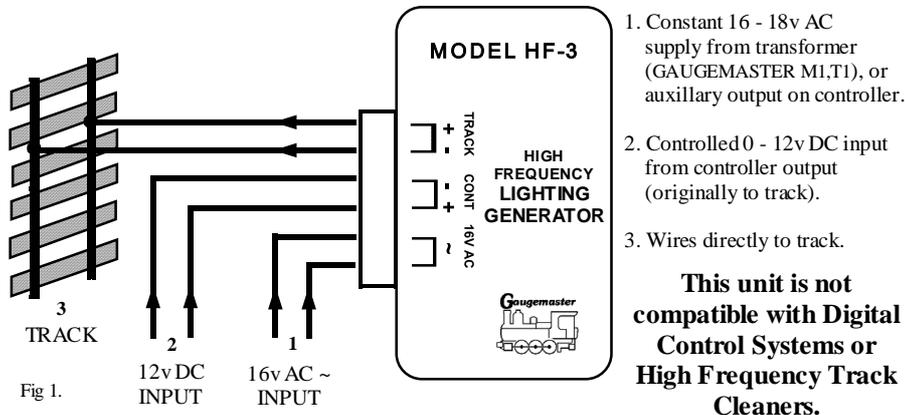
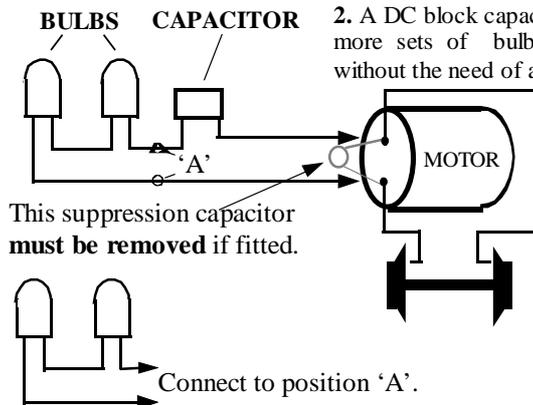


Fig 1.

The installation process of the bulbs can not be stated exactly, as it will vary depending on the locomotives and rolling stock you intend to fit them to. However there are some simple but very important rules to apply.

1. Bulbs must be used two at a time and be connected in series. If this is not done they will burn out. The bulbs are rated at three volts, while the output from the HF-3 is 6 volts. This is designed such that the light can be spread more evenly within rolling stock.



2. A DC block capacitor must be used in each feed. However more sets of bulbs can be added at points marked 'A' without the need of additional capacitors.

3. Any loco intended to run with lights must have its suppression capacitor (if fitted) removed.

If you wish to light the rolling stock but not the loco, this capacitor must still be removed as it will overload the HF-3. If a loco with a suppression capacitor fitted is to be run on a circuit incorporating a HF-3, the power (16v AC) must be removed from the HF-3 input.

**Accessory for detailed scale models for adult collectors.
Not suitable for children under 14 years unless supervised by an adult.**

GAUGEMASTER CONTROLS PLC
Gaugemaster House, Ford Road, Arundel, BN18 0BN. England.
TEL: 01903 884321. FAX: 01903 884377.