

## GM56 – OO/HO Gauge Buffer Light for DC and DCC

**SWITCH OFF POWER BEFORE CONNECTING THIS ACCESSORY**

### Introduction

The Buffer Light is a really easy and effective way to add a realistic stop light to sidings and buffer stops - lighting helps to bring your layout to life! It clips into most OO/HO gauge track and takes power from the rails with no wires - easy and realistic! You can either fit the Buffer Light in front of/behind a buffer stop, at the end of a station platform or leave free standing - most of the commercial buffer stops by Peco (as shown) etc look good with it, or why not make your own?

### Fitting

First switch off all track power. Then clip the Buffer Light fits between the two rails - the easiest way to fit is to hold it at a slight angle then gently twist it round inside the inner rails. You can either leave it free standing or apply a small amount of glue to hold it onto your buffer stop. If you wish you can enhance the Buffer light either by painting or adding extra detail - just be sure that any paint etc is not conductive which could affect the electronics.

### DCC and DC model railways

The Buffer Light will work on both digital DCC and conventional 12 volt DC control systems. With DCC both of the red lights stay on all of the time that the track is powered, but on DC systems only one light will come on and will vary in brightness depending on the controller setting. Note that if points etc isolate the section of track where the buffer is fitted it will not light. The Buffer Light uses very low power LEDs for the lights and because the whole product takes less than 2mA (2 thousandths of an amp!) almost any controller can power lots of them.

### Caution

Switch off power before fitting anything! The Buffer Light is made from a fibreglass printed circuit board with thin copper plating and tracks which connect the inside of the rails to the miniature resistor at the base of the post and LEDs at the top - take care not to damage these delicate components or the special plating near the rails when handling or decorating them. The buffer light can be removed and refitted to the track but it is not designed to do this frequently.

This product is not a toy and has small parts which may choke or harm a child. Always take care when using electricity, tools, adhesives and paints, especially when children or pets are nearby.



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