

# Glossary L

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## Latching

A pulse method to change the state from on to off or vice versa.

[Dead Link Please Replace](#)

[Dead Link Please Replace](#)

## Layout Command Control

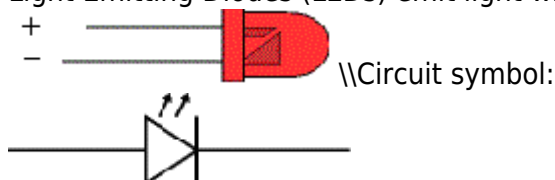
[Layout Command Control](#) (LCC) is a system for controlling all the functions on your layout that don't have to do with how fast the locomotive is moving – things like signals, or sounds, or passenger car lighting. LCC is NMRANet, just under a different name. LCC is designed as a separate, generic control bus which is positioned to take the load off your throttle bus. It is a bi-directional data bus that can send and receive data. Since it is an NMRA Standard, you are not confined to one manufacturer's products. Any manufacturer can make LCC compatible devices.

## Lead free

This is a change in the content of solder. Lead free solder is generally recommended due to Health and Safety considerations, but 60:40 tin:lead is preferred for electronic kits and is still available from suppliers such as Rapid Electronics.

## LED

Light Emitting Diodes (LEDs) emit light when an electric current passes through them



[http://www.merg.org.uk/merg\\_resources/led.php](http://www.merg.org.uk/merg_resources/led.php)

<http://electronicsclub.info/leds.htm>

## LENZ

A German dcc system and decoder manufacturer

## Lighting decoder

A DCC decoder made especially for lights for a loco or carriages.

## Logic

In a model railway it is a way to do step by step sequence to make the train do what you require.

[w Logic](#)

[Logic Gates](#)

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