Track Tester

DC & DCC	O & G Gauge	OO HO	N Gauge

- Quickly checks track for power faults
- Small & Larger Versions - for N gauge to G gauge!
- Multicolour LED Indicates the DC polarity, or DCC, or a fault

Buffer Lights

WIRE FREE	DC & DCC	O Gauge	OO HO	N Gauge

- Realistic stop light for any siding – fits most buffer stops
- Simply clips onto track – No wires!
- On DCC both lights are on constantly
- On DC one light is on & varies with speed

DCC Fitted Digital Signals

DCC	WIRE FREE	OO HO

- Signal with DCC decoder built in - No CV programming
- Easy to fit and use - can just plug direct into track – no wires!
- Wide range available - also available with Feathers and Theatres

One-Touch DCC™ Point Controllers

DCC	ANY GAUGE

- Control points and uncouplers using DCC
- Work with most solenoid point motors - Built in CDU
- Just connect 2 wires to DCC rails - No CV Programming!
- Easy screw terminals – no soldering

LFX Lighting Effect Controllers

DC & DCC	ANY GAUGE

- Easy way to add lighting effects to your layout
- Wires screw in – no resistors or soldering - LEDs included
- Powered by 9v battery, 8-16V DC or DCC
- On DC the effect is on when powered - On DCC it can be controlled

Level Crossing - Ready Assembled

DC & DCC	OO HO	N Gauge

- Power from 9-16v DC, DCC or a 9v battery - available in single & pairs
- Light and sound - all connections easy push fit
- Includes 2 x Peco static level crossing barriers
- Can be turned on automatically using a Track Sensor

Traffic Lights - Ready Assembled

DC & DCC	OO HO

- Power from 9-16v DC, DCC or 9v battery - 2 Wire connection
- Realistic standard UK sequence and timing varies randomly
- Fully assembled - drill hole in baseboard & connect to power

Track Sensor

DC & DCC	OO HO	N Gauge

- Trigger level crossings and change semaphore signals
- Power from 12-16v smooth DC or DCC
- Can be used to trigger Sound Track, Smart Screen, Relays
- Four outputs for direct connection to LEDs for occupancy, FX

Mimic Switches & Lights

DC & DCC	ANY GAUGE

- Make a mimic panel to control Layout Link items - Single wire to control
- Link to Track Sensors or Sensor Signals and LEDs show occupancy & signal status
- Link to Sensor Signals to manually override and switch route indicators on/off

Smart Lights - Easy to fit Lighting Effects

DC & DCC	ANY GAUGE

- Small - Just 1cm x 1cm x 0.3cm with 2 wires
- Power by 9-16v DC, 9v battery, or direct to DCC which can control some effects
- Just connect and go - no setting up required
- Disco / Emergency / Real Fire / TV / Welding / Random / Programmable

Automatic Tail, Firebox & Loco Lights

DC & DCC	AUTO	WIRE FREE	ANY GAUGE

- No switch - senses motion & turns on!
- Turns off automatically 4 minutes after stopping
- No pickups, wires or soldering - LED just plugs in
- Fit in brake vans, coaches, loco, wagons etc
- Runs for ages on 2032 button battery - LEDs & battery included

Sound for your layout

DC & DCC	AUTO	WIRE FREE	ANY GAUGE

SFX Sound
- Sound capsule with no wires - runs from a battery - built in speaker
- No connections to track so work with both DC & DCC
- Motion activated - switches on when train moves! Real Sounds!
- Tiny - 25mm x 20mm x 12mm - N gauge fitting guide available

Sound Track
- Record your own sounds and play them back on your layout!
- Record 4 tracks upto 35 seconds each - Lock to protect favoutires
- Portable - use with 9v battery to take out & record sounds
- Power from DC or DCC - Use Track Sensors or DCC to trigger sounds

Scenic Sounds
- Background sounds for your layout - built in speaker & volume
- Power from DC or DCC - on DCC sounds can be triggered
- Lineside • Station Steam • Station Modern • Urban • Rural

Signal Kits

DC & DCC	OO HO

- Every kit includes the signal head, aluminium post & base plus detailing kit

SL30 - Smart Light

5 060325 132621

- Low cost – adapt to your own design
- Control by switches or signal controller
- LEDs are prefitted to a narrow PCB
- Ground signals - modern & original
- Feather & Theatre kits available
- Signal Head only for gantries etc

Signal Controllers

DC & DCC	AUTO	ANY GAUGE

- **DCC Signal Controllers** - Wire in any LED signals to control from DCC accessory address
- **Automatic Signal Controllers** - Make any LED signal kit into an Automatic Signal!
- **Dapol Semaphore Controllers** - Control Dapol Semaphores by DCC or automatically

1119

Automatic Sensor Signals

WIRE FREE	DC & DCC	OO HO

- Detects train and changes signal automatically to red
- Used own & signal changes back to green after train short time
- Or link to other Sensor Signals for fully automatic block signalling
- Can be used on both DC & DCC - Feather & Theatre versions

Automatic Coach Lighting

DC & DCC	AUTO	WIRE FREE	OO HO	N Gauge

- Easy to fit - no wiring or switch - senses motion & turns on!
- Turns off automatically - fits most coaches - may be cut down
- No pickups or wires so works on regular DC & DCC
- Traditional warm white or modern cool white
- Also with tail light, sparking, door beeps and door light effects

Servo Controller

DC & DCC	ANY GAUGE

- Controls standard radio control servo from DCC, Track Sensor or Mimic switch
- Ideal for animating Level Crossing barriers / gates, Slow points or signals, Coal hopper
- Easy to wire and set up - connects directly to DCC or 8-16 volts smooth DC supply

Relay Controller

DC & DCC	ANY GAUGE

- Two channel Relay unit which can be controlled by Track Sensor, Sensor Signal or DCC
- Enables remote control of motors, solenoids, lamps etc
- Incorporates two heavy duty relays with changeover contacts rated at 8-24 volts at 3 A

Automatic Train Control

DC & DCC	ANY GAUGE

- Link Sensor Signals to Relay Controller for automatic trains which stop at red lights!
- Can be used on DC or DCC Layouts
- Easy wiring: Sensor Signal link with one wire and Isolated braking section two wires.
- Also supports ABC fitted DCC Loco's for gradual slow down and speed up with sound

Tools, LEDs & Accessories

ANY GAUGE

- We offer a range of LED packs, battery holders, wire, switches & terminals
- Also handy modelling tools including precision cutters, drill bits & spare batteries

Smart Screen

DC & DCC	OO HO

- Real working animated screen - customise with your messages
- Use DCC to program - then can be run on DC or DCC
- Trigger messages with DCC, swtiches, track sensors or just cycle
- Message can change with direction of train on both DC & DCC
- Display upto 10 different messages - can also show real time clock
- Range of enclosure available - Programming service available
- Small - w 31mm x h 9.5mm x d 4.5mm
- Stationary top line - bottom line automatically scrolls

SEE WWW.TRAIN-TECH.COM OR ASK FOR FREE COLOUR BROCHURE

+

Train-Tech
Model Technology Made Easy

SL30 Smart Light: Emergency Vehicle

- Tiny smart light with built in lighting effects
- Flashing Blues or Alternating Blue/Red
- Works on any 9-16V DC, battery or DCC
- Just fit in model and connect to power
- Two wire connection to power - no soldering

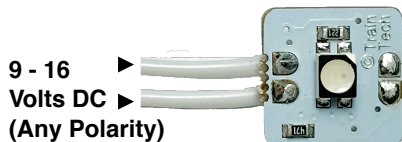# www.Train-Tech.com

SL30 Emergency vehicle Smart Light

This Smart Light (SL) offers two variations of lighting - rapidly flashing Blue and a rapidly alternating Blue/Red as sometimes now seen on police cars.
Smart Lights work direct on Digital DCC or from 9-16 volts Analogue DC.

Smart Light is easy to use so only needs simple instructions, but please read first!
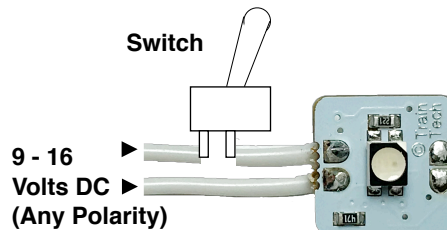

POWERING SMART LIGHT FROM 9 - 16 Volts DC (ANALOGUE)

Connect DC power leads

9 - 16 ▶
Volts DC ▶
(Any Polarity)

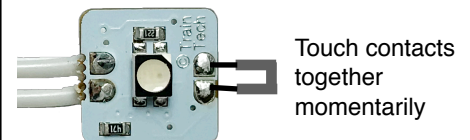**9 to 16V DC <u>maximum</u>**
SWITCH OFF BEFORE CONNECTING!

Control the effect

You can either connect the Smart Light direct to your power supply so that it is on all of the time or insert a switch:

Switch

9 - 16 ▶
Volts DC ▶
(Any Polarity)

Choose the effect

Turn power on - Smart Light should light
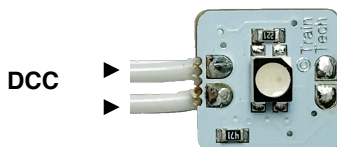To choose effect use a small link of wire to momentarily touch the contacts as below:

Touch contacts together momentarily

Choose effect:
• Flashing Blue/Red
• Flashing Blue

** WARNING - TAKE CARE NOT TO TOUCH ANY OTHER COMPONENTS!
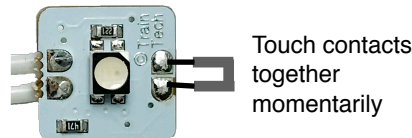

POWERING SMART LIGHT FROM DIGITAL DCC

Connect DCC power leads

DCC ▶
    ▶

16V DCC maximum
SWITCH OFF BEFORE CONNECTING!

Choose DCC address

Turn DCC on - Smart Light should light
Set controller to DCC *accessory* mode:

Touch contacts together momentarily

Choose address
• Use a small link of wire to touch contacts
• LED will flash White
• Enter DCC address (eg 60)
• Press ◀ or ▶ to set address

** WARNING - TAKE CARE NOT TO TOUCH ANY OTHER COMPONENTS!

Control & choose the effect

Set controller to DCC accessory mode

To turn the Smart Light on and off:
• Set controller to your address (eg 60)
• Select ◀ or ▶ to switch on or off

To choose the effect:
• Set controller to address +1 (eg 61)
• Select ◀ or ▶ to alternate between:
  Flashing Blue & Flashing Blue/Red

HINTS & TIPS

Install in your model!

Take care not to let any wires etc touch any components or joints on the Smart Light, especially in metal die cast models (use tape or blutack as an insulator)

Notes

• Never apply more than 16 volts DC/DCC
• Smart Lights do get warm - this is normal
• Smart Lights not waterproof - keep dry!
• BluTak or similar is useful for mounting Smart Lights & masking unwanted light
• As well as stationary models Smart lights can be installed on a train and controlled live by DCC Accessory commands!
• We have made Smart Lights as small as possible so that they can fit into the smallest models, but you need to be very careful not to short circuit or touch other parts of the circuit with wires or metal.

Smart Light Selection:

SL10	Party - Disco Lights
SL20	Random Lighting
SL30	Emergency Vehicle
SL40	Real Fire effect
SL50	Arc Welding Effect
SL60	Television Simulator
SL100	Custom Smart Light

There are over 200 Train-Tech products for Signalling, Lighting and Control which are available from Train-Tech and model shops. Ask for FREE brochure.

www.train-tech.com