Model railway electronic

Components for control, digital switching and feedback monitoring on digital model railways!

Be a Digital-Professional!

Novelties 2017

1. **LS-DEC-CFL**: Light-Signal Decoder for Light signals of the National Railway Company of Luxembourg, CFL.


Low cost kits, finished modules and finished modules in a case

Littfinski DatenTechnik - LDT
Kleiner Ring 9 - D-25492 Heist/Germany - Phone: 0049 4122 / 977 381 - Fax: 0049 4122 / 977 382
www.ldt-infocenter.com
Our Light-Signal Decoder (LS-DEC) are a valuable accessory for Digital-Layouts, if a prototypical switching of light signals are expected. With one digital switch command is it possible to constitute with the Light-Signal Decoder as well complex signal aspects. The signal aspects are different by the various railway companies. Therefore we offer many variances of the LS-DEC to suit the requirement of the particular railway company.

Till now we have Light-Signal Decoder within our program for Light signals of the Deutschen Bahn (German Railways) (DB and KS), of the Deutschen Reichsbahn (Imperial German Railways) (DR), of the Austrian Federal Railway (OEBB), of the Swiss Federal Railway (SBB), of the Nederlandse Spoorwegen (NS), of the Nationale Maatschapping of the Belgian Spoorwegen (NMBS), of the British Railway (BR), of the Governmental Railway Corporation of Italy (FS), of the Swedish State Railway (SJ) and of the Governmental Railway Corporation of French (SNCF).

With the LS-DEC-CFL for light signals of the National Railway Company of Luxembourg and the LS-DEC-USA for US Color Light signals we complete our range with two further Light-Signal Decoder.

1. **LS-DEC-CFL:**

   Light-Signal Decoder for up to 4 Light signals of the National Railway Company of Luxembourg, CFL.

   With the Light-Signal-Decoder LS-DEC-CFL will be CFL-Light signal-aspects switched via accessory addresses.

   It can be CFL-main-signals, advance-signals, line-close signals as well as combined main-/ line-close signals connected and controlled.

   If there will be one main- and one advance-signal installed on one pole there will be a dark-switching available.

   www.ldt-infocenter.com
If the dark-switching is activated the advance-signal will remain exemplary dark as long as the main-signal indicates “Stop”.

The signal aspects will not simply be cross faded but as in reality the prior aspect will be firstly dimmed-down and after a short dark phase the new signal aspect will appear.

The light emitting diodes (LED) will be dimmed up and down during this process.

The Light-Signal Decoder LS-DEC-CFL is suitable for all LED-assembled light signals with common anode or common cathode.

Via a jumper is it possible to select the data format Märklin-Motorola or DCC. Therefore is it possible to use the decoder in interaction with any digital central unit which is transmitting the Märklin-Motorola and/or DCC data format.

The signal current has not necessarily to be supplied by a booster but can be directly fed into a separate input from a model railroad transformer. This saves expensive digital current.

For the programming of the decoder addresses has the decoder to be set into the programming mode via the push button S1. If the connected signals are controlled via the digital central unit or by the model railway control software the decoder will recognize the address and will store those. It’s as simple as that!

Order code:
2. LS-DEC-USA:
Light-Signal Decoder for 4 American Color Light signals.

With the Light-Signal Decoder is it possible to switch American Color Light Signals via accessory addresses. With each Decoder can be four 2- or 3-aspect signals connected and controlled. The signal aspects will not simply be cross faded but as in reality the prior aspect will be firstly dimmed-down and after a short dark phase the new signal aspect will appear. The light emitting diodes (LED) will be dimmed up and down during this process.

The Light-Signal Decoder LS-DEC-USA is suitable for all LED-assembled light signals with common anode or common cathode. Via a jumper is it possible to select the data format Märklin-Motorola or DCC.

Order code:
LS-DEC-USA-F (Part-No. 510612): Light-Signal Decoder LS-DEC-USA as finished module.
LS-DEC-USA-G (Part-No. 510613): Light-Signal Decoder LS-DEC-USA as finished module in a case.

© 2017 by LDT / Subject to technical changes and errors.