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

Be a Digital-Professional!
Novelties 2018

1. LS-DEC-CSD: Light-Signal Decoder for light signals of the Czechoslovakian National Railway, CSD.

2. LS-DEC-8x2: Light-Signal Decoder for eight 2-aspect light signals.

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

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www.ldt-infocenter.com
Our Light-Signal Decoders (LS-DEC) are a valuable accessory for Digital-Layouts, if a prototypically switching of light signals is expected. With one digital switch command it is possible to display as well complex signal aspects with the Light-Signal Decoder. The signal aspects are different by the various railway companies. Therefore we offer many variances of the LS-DEC to suit the requirement of a particular railway company. Till now we have Light-Signal Decoder within our program for light signals of the Deutsche Bahn (German Railways) (DB and KS), of the Deutsche 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 Maatschappij of the Belgian Spoorwegen (NMBS), of the British Railways (BR), of the Governmental Railway Corporation of Italy (FS), of the Swedish State Railway (SJ) and of the Governmental Railway Corporation of French (SNCF), of the Luxembourg National Railway Company (CFL) and of the American Color light signals. With the LS-DEC-CSD for light signals of the Czechoslovakian National Railway and the LS-DEC-8x2 for eight 2-aspect light signals we completed our range by two further Light-Signal Decoder.

1. LS-DEC-CSD:
Light-Signal Decoder for up to 4 light signals of the Czechoslovakian National Railway, CSD.
With the Light-Signal Decoder LS-DEC-CSD can be CSD-light-signal aspects switched via accessory addresses. It can be CSD departure-signals, home-signals, advance-signals, block-signals as well as shunting signals connected and controlled.

The signal aspects will not simply be cross faded but switched as in reality. Those signal lamps required for the next signal aspect will remain illuminated.

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The Light Emitting Diodes (LED) of the signal which have to be switched off and on will be dimmed down respectively up. The Light-Signal Decoder LS-DEC-CSD is suitable for all LED-assembled light signals with common anode or common cathode. Via a jumper is it possible to select the digital data format Märklin-Motorola or DCC. Therefore is it possible to use the decoder in interaction with any digital command station which is transmitting the Märklin-Motorola and/or DCC data format.

The operation and signal current has not necessarily to be supplied by the digital current circuit 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 command station 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-8x2:
Light-Signal Decoder for eight 2-aspect light signals.

With the Light-Signal Decoder LS-DEC-8x2 it is possible to switch up to eight 2-aspect light signals via accessory addresses.

It is possible to switch 2-aspect signals of different signal systems e.g. with the signal aspect “Stop” and “Proceed”. At the DB-Signal system can be up to eight block- or line-closed signals controlled.

The signal aspects will not be simply 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-8x2 is suitable for all LED-assembled 2-aspect 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-8x2-B (Part-No. 510711): Light-Signal Decoder LS-DEC-8x2 as kit.
LS-DEC-8x2-F (Part-No. 510712): Light-Signal Decoder LS-DEC-8x2 as finished module.
LS-DEC-8x2-G (Part-No. 510713): Light-Signal Decoder LS-DEC-8x2 as finished module in a case.

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