The CLS DMX65R Digital IGBT Dimmer

The CLS DMX65R is a new and outstanding 19" rack,
digital DMX dimmer based on noiseless IGBT technology.
It is only 1U high and 5 kg.
6 Channels DMX(512) Programmable DIGITAL DIMMER
Mains: 2 x 16A inlet 100-250V 50-60Hz automatic Switching
Output: 6 Channels x 5 A by Neutriks Powercon as standard
Panel with various output connection to choose from by request
USB input for PC connection
Electronic Auto protection on each channel with auto reset
Double fuses on each channel
Overload protection, Short circuit protection, Temperature protection

Programmable:
CLS auto DMX start address sense, Preheat on each channel
Maximum value on each channel, Minimum value on each channel
Dimming or Switchpack select on each channel

PC Program:
Program all the settings from a laptop
Program up to 20 Scenes that can be run from the Dimmer *)
Program Crossfade time on each Scene *)
Program Pause time on each Scene *)
View all the Dimmers settings
*) For Stand alone mode

Front in blue anodized aluminium
Subject to change specifications

Because of the noiseless IGBT technology and the special CLS construction, there is no need for heavy chokes and filters used by conventional triac dimming. This takes down the space and weight to a minimum.

Ex: 6 of these DMX65R put together in a rack will give a solution that is extremely compact and light for tourings and installations. 6 Unit high and 36 channels distributed out by 6 Harting, 6 Socapex, Powercons or whatever output the user will request. This will give the control of every lamp in the complete rig and easy flexible assembly at destinations.

CLS are able to customise the equipment according to your specification.

CLS DMX65R Quick user manual:

Knobs at the front panel:
1-6	Select the DMX65R's channels
+	Increase the value/Select On/Off
-	Decrease the value/Select On/Off
Mode	Select the function menues/Save
Esc	Escape from menues without saving

Displays:
At power on: Run Mode - DMX Channel start address or No DMX signal received, and DMX value on each channels.

Press MODE once: DMX start address xxx
Change with +/-
Press MODE to Save.

or

Connect a DMX mixing unit to the DMX65R.
Set a channel on your mixing unit to max.
Press 1 for Auto will select the DMX Start address from the lowest channel at your mixing unit that is on max.
Press MODE to Save.
ESC returns to Run Mode.

Press MODE twice: Autochase On/Off
Start/Stop autochase(Stand alone mode) by pressing +/-
Press MODE to Save.
ESC returns to Run Mode.
NB! The Scenes must be programmed from a PC, connected by USB running the DMX65R program. Max 20 Scenes with different pause/ crossfading time on each Scenes.

Press MODE 3 times: Temperature
Displays the temperature of each side of the DMX65R. At 50 degrees Celsius the fan will start at slow speed and accelerate if the temperature increases. At 80 degrees Celsius the dimmer will turn off that side of the dimmer. There must be some fault or covered ventilations to reach this level.
ESC returns to Run Mode.

Press MODE 4 times: Set each channels Max DMX value.
Select ch. with the number buttons 1-6 and change the Max value by pressing +/-
Repeat for every channels.
Press MODE to Save.
ESC returns to Run Mode.

Press MODE 5 times: Select preheat On/Off
Select ch. with the number buttons 1-6 and change On/Off by pressing +/-
Repeat for every channels.
Press MODE to Save.
ESC returns to Run Mode.

Press MODE 6 times: Set each channels Preheat/Min value.
Select ch. with the number buttons 1-6 and change the pre-heat value by pressing +/-
Repeat for every channels.
If preheat is Off, the value set here will be the Min value instead.
Press MODE to Save.
ESC returns to Run Mode.

Press MODE 7 times: Dimmer / Switch select
Select ch. with the number buttons 1-6 and select dimming or switch by pressing +/-
Repeat for every channels.
If switch is selected, the value will be at Max when the DMX value reach 128(50%) if lower than the 128(50%)the value will be 0. The Preheat/Min/Max settings will be disabled.
Press MODE to Save and return to Run Mode.
ESC returns to Run Mode without Saving.