

CLS

DMX4000

4 Channels DMX Dimmer



User Manual

2005 V2

Adjusting the DMX Start address:

Do all the connections between the DMX4000 dimmers, a DMX console and the mains power. The Power LED will light up. When the DMX connections is OK, the DMX signal LED will light up.

Set the desire ch. to max. on the DMX console. (If your console has a master fader, this should also be on max.) Press in and hold the memory knob of the DMX4000 for 5 sec. The power LED will flash for 5 sec. and then stop flashing. This will store the new DMX start address. (Ex.: If you set the fader no. 5 to max, the DMX4000 will start at ch. 5, and will use ch. 5,6,7,8.)

To select the 10% down mode: Set the 2. fader to max. together with the ch. select fader on your lighting desk. (Ex.: If you set the fader 5 + 6 to max. value, the DMX4000 will use ch. 5 as a start address, and all the ch. will be dimmed down 10%) The use of this is to prevent blowing the 16A fuse at the outlet where the DMX4000 is connected, when 4 x 1000W lamps is connected to the DMX4000. The "Down 10%" LED will light up.

To select the Switchpack mode: Set the 3. fader to max. together with the ch. select fader. (Ex.: If you set the fader 5 + 7 to max. value, the DMX4000 will use ch. 5 as a start address, and all the ch. at the DMX4000 will be only On or Off. No dimming) The Switch LED will light up.

WARNING !

**Do never connect more than 1000W on each channel.
Only connect to a max. 230V/50Hz 16A fused outlet.**

Designed and manufactured in Norway by Compact Light System Norway AS
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The CLS DMX4000 - 4 Channel DMX Dimmer

Specifications:

DMX 512(1990) standard protocol

4x1000W-Total max load: 16A

Noiseless on PA

Mounting in the truss/lightstands etc. together with the lamps

DMX in/out by Neutriks 5-pin XLR

Settings for:

512 DMX addresses

Dimmer/switchpack mode

10% Down mode for use of 4x1000W lamps on 16A

Power outlets: 4 x chucko contacts

Power input: 0,8m rubber cable (3x1,5-N-L-G)(Supplied without connector)

Mounting detail: 8 mm bolt (M8) (optional clips for stand mounting)

Ultra compact only: 19x12x7cm-1,5kg.

How to start:

First of all - You have to connect a power plug at the DMX4000 power inlet cable, that fits to your 16A outlets powersource.

The CLS DMX4000 has a special function:

It is possible to use 4 x 1000W connected to the DMX4000, but if you try to use all these on max light output you will blow the 16A fuse at your wall outlet. If you select the 10% Down mode, you will reduce the max output with 10% and this will prevent the fuse to blow.

Important:

DO NEVER CONNECT MORE THAN 1000W ON EACH CHANNEL OUTPUTS, EVEN IF YOU DON'T USE IT ON FULL POWER.

THE UNIT WILL BE DAMAGED !!!

Connection: Blue:N - Brown:L - Green/Yellow:Ground

ALWAYS MAKE ALL THE CONNECTIONS BEFORE CONNECTING THE POWER !

Directions for use:

The CLS DMX 4000 - 4 Channel Dimmer is a high class quality product, and it is constructed solid to be used "on the road" for years. It looks very small to be used professional in theatres and big stages, but that's just the look. It could be used in near every situations that are in the need of dimmers or switchpacks, or combinations of it.

A band, schooltheatre, disco, rent out systems, small stages, small theatre, big stages, big theatre, installations, rock'n roll bands, shows of everything that need dimmers, exebitions, shop windows etc..... It is the same units in a small setup as in a big. Just add more units in a big setup!

Let's give some examples of setup with CLS Systems:

Hotel bands: 1 CLS DMX 16 Mixer 2 - 4 CLS Dimmers 8 - 16 Par 56 Light stands

Rock bands: 1 CLS DMX 16 Mixer 2 - 4 CLS Dimmers 8 - 16 Par 64 Light stands

Artists with bands: 1 CLS DMX 144 Mixer 6 - 12 CLS Dimmers 24 - 48 Par 64 Trusses

Big Artists with bands: 1 CLS DMX 144 Mixer 12 - 24 CLS Dimmers 48 - 96 Par 64 Trusses

Small theatre: 1 CLS DMX 144 Mixer 6 - 12 CLS Dimmers 12 - 24 Fresnell/Profiles 12 - 24 Parcans

Big Theatre: 1 CLS DMX PC Program 12 - 24 CLS Dimmers 48 - 96 Fresnell/Profiles Scanners/Movingheads

School theatre: 1 CLS DMX DMX16/144 2 - 4 CLS Dimmers 8 - 16 Parcans/Fresnell/Profiles

DMX4000 is manufactured in accordance with EN50081-1:1992 / EN50082-1:1992 standard directives and EMC 89/336/EEC, and is marked with CE.

To check out other products from CLS Norway AS, please visit the website: www.cls.no

Manufacturer reserves the right to change specifications without prior notice