BOTEX
STAGE TECHNOLOGY

# LED X-Dimmer 3 Pro

## User manual

This manual contains important information on the safe operation of the product. Read and follow the safety advices and instructions given. Retain the manual for future reference. If you pass the product on to others please include this manual.

## Safety instructions

### Intended use

This device is intended to be used as a professional RGB dimmer with DMX and manual control. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

### Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts from the product. They could swallow the pieces and choke! Never let children unattended use electrical devices.

### Where to use the product

Never use the product

- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet

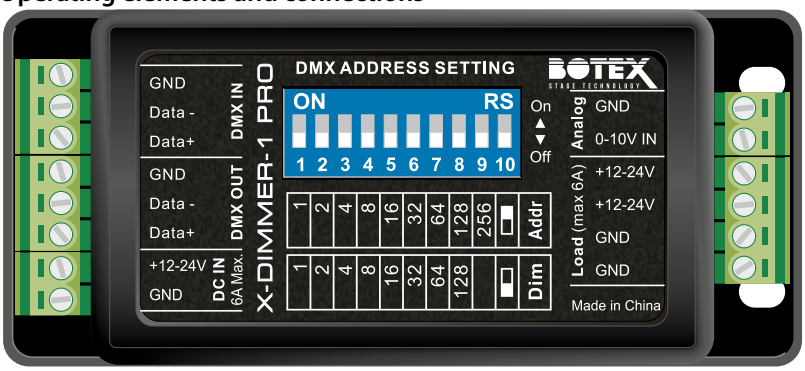
### General handling

- To prevent damage, never use force when handling the product.
- Never immerse the product in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

## Features

- Up to 60 W @ 12 V and 96 W @ 24 V
- DMX control, manual programme selection via DIP switches
- Also usable for X-Chip system
- TV capable

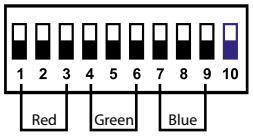
## Operating elements and connections




### Slave mode


1 = ON
0= OFF

### Master mode



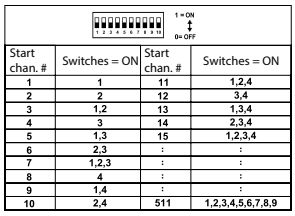

1 = ON
0= OFF

## Using the product

### Operating mode 'DMX' (Slave mode)

For this operating mode, set DIP switch 10 to the ON position. The DMX address can be set and the intensity of the LED is controlled. Channel 1 controls the colour red, channel 2 controls green, and channel 3 controls blue.

Each DIP switch represents a binary value:
DIP switch 1 stands for the address value 1
DIP switch 2 stands for the address value 2
DIP switch 3 stands for the address value 4
DIP switch 4 stands for the address value 8
DIP switch 5 stands for the address value 16
DIP switch 6 stands for the address value 32
DIP switch 7 stands for the address value 64
DIP switch 8 stands for the address value 128
DIP switch 9 stands for the address value 256




| Start chan. # | Switches = ON | Start chan. # | Switches = ON |
|---|---|---|---|
| 1 | 1 | 11 | 1,2,4 |
| 2 | 2 | 12 | 3,4 |
| 3 | 1,2 | 13 | 1,3,4 |
| 4 | 3 | 14 | 2,3,4 |
| 5 | 1,3 | 15 | 1,2,3,4 |
| 6 | 2,3 | : | : |
| 7 | 1,2,3 | : | : |
| 8 | 4 | : | : |
| 9 | 1,4 | : | : |
| 10 | 2,4 | 511 | 1,2,3,4,5,6,7,8,9 |

Any address between 1 and 511 can be set via the DIP switches:

Example 1, address 21:
Set DIP switches 1, 3 & 5 to the ON position, so their values 1 + 4 + 16 add up to 21.

Example 2, address 201:
Set DIP switches 1, 4, 7 & 8 to the ON position, so their values 1 + 8 + 64 + 128 add up to 201.

An optionally available power supply is required to operate the device.

### Operating mode 'Manual' (Master mode)

For this operating mode, set DIP switch 10 to the OFF position. Use DIP switches 1 – 3 to adjust the intensity for the red LEDs, use DIP switches 4 – 6 to adjust the green LEDs, and DIP switches 7 – 9 to adjust the blue LEDs. Please refer to the following table:

| *Intensity* | *Red (DIP 1-3)* | *Green (DIP 4-6)* | *Blue (DIP 7-9)* |
|---|---|---|---|
| *0* | *000* | *000* | *000* |
| *14%* | *100* | *100* | *100* |
| *28%* | *010* | *010* | *010* |
| *43%* | *110* | *110* | *110* |
| *57%* | *001* | *001* | *001* |
| *71%* | *101* | *101* | *101* |
| *86%* | *011* | *011* | *011* |
| *100%* | *111* | *111* | *111* |

In online mode, only one Botex LED X-Dimmer 3 Pro is allowed per link. The master controls one or more Slave X-Dimmer 3 Pro. A maximum of 32 devices can be controlled this way.

## Technical specifications

| | |
|---|---|
| Supported protocol: | DMX 512 |
| Number of DMX channels: | 3 (RGB) |
| Voltage supply: | 12 / 24 V ⎓, power adapter (not suplied) |
| Output current: | 60 / 96 W, max. 5 A |
| Dimensions (W × H × D): | 90 mm × 20 mm × 40 mm |
| Weight: | 0.06 kg |

For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.