

# L406MA02T4A01

Four channel constant voltage dimmer DMX/PUSH/DALI/POT/0-10V/BLE

4 channels Dimmers with Output Voltage PWM.

Input Range: 8-53V DC.

Output Voltage PWM 8-53V DC with current from 0A to 8A (384W at 48V DC) for single channel.

In single channel mode current from 0A to 32A (1536W at 48V).

Parallelisable output channels.

Controllable with Android/iOS app Newlab Go with different working modes:

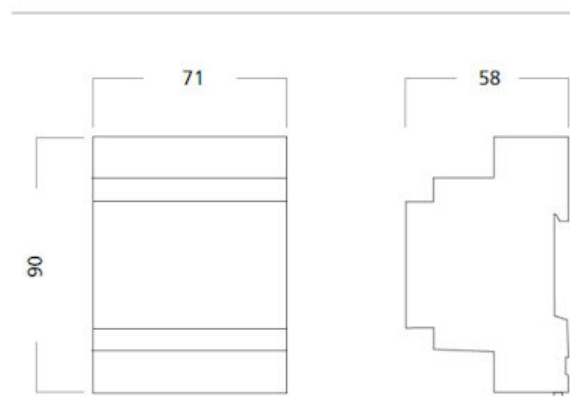
Single Channel, RGB, RGB + White, White tunable.

*In order to set working modes you will need the L392MA00N0A01 interface sold separately.*



| Input Controls            |     |
|---------------------------|-----|
| Type                      | Qty |
| DMX512 RDM                | 1   |
| Insulated Push button     | 1   |
| Not insulated Push button | 4   |
| DALI                      | 1   |
| Linear Potentiometer 100K | 4   |
| 0-10V Passive             | 4   |
| 1-10V Passive             | 4   |
| Bluetooth LE              | 1   |

| Output Sync |     |
|-------------|-----|
| Type        | Qty |
| DMX512      | 1   |
| PWM         | 4   |



## TECHNICAL NOTES

- 4 channels Dimmers with Output Voltage PWM.
- Input Range: 8-53V DC.
- Output Voltage PWM 8-53V DC with current from 0A to 8A (384W at 48V DC) for single channel.
- In single channel mode current from 0A to 32A (1536W at 48V).
- Parallelisable output channels.
- MASTER/SLAVE configuration for digital syncro with other Newlab Dimmer or DMX512A compatible device.
- Default Configuration: SLAVE DMX512A 4 Channel.
- L392MA00N0A01 interface (optional) is required to change operating mode.
- Controllable with Android/iOS app Newlab Go with different working modes: Single Channel, RGB, RGB + White, White tunable.
- Input Controls: DMX512 RDM x1, Insulated Push button x1, Not insulated Push button x4, DALI x1, Linear Potentiometer 100K x4, 0-10V Passive x4, 1-10V Passive x4, Bluetooth LE x1.
- Output Sync: DMX512 x1, PWM x4.
- Notice on 0-10V (1-10V): this control circuits is not insulated, use only insulated 0-10V(1-10V) source generator.
- PWM Frequency: 390 Hz.
- Converter DALI to DMX.
- Printed Circuit UL.
- Protection Class: IP20.
- Standard Dimension 90x70x58 mm.
- Reverse polarity protection.
- Open circuit protection.

- Surge voltage protection.
- Over temperature protection.
- Short circuit protection.
- If the control voltage of the PUSH input is higher than the SELV voltage it is necessary to use the OPTIONAL terminal / cable cover to keep the product in CLASS II.
- Use only in dry conditions.



| CODE          | INPUT<br>VOLTAGE | (MAX) OUTPUT<br>CURRENT     | N. OUTPUT<br>CHANNELS | MAX OUTPUT<br>POWER                                              | CONTROL<br>INPUTS                                                                                                                                                               | CASE | DIMENSION<br>mm |
|---------------|------------------|-----------------------------|-----------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------|
| L406MA02T4A01 | 8-53V DC         | 8A<br>for single<br>channel | 4                     | 384W at 48V DC<br>for single channel<br>1536W at 48V DC<br>total | DMX512 RDM x1<br>Insulated Push button x1<br>Not insulated Push button x4<br>DALI x1<br>Linear Potentiometer 100K x4<br>0-10V Passive x4<br>1-10V Passive x4<br>Bluetooth LE x1 | YES  | 90x70<br>h 58   |