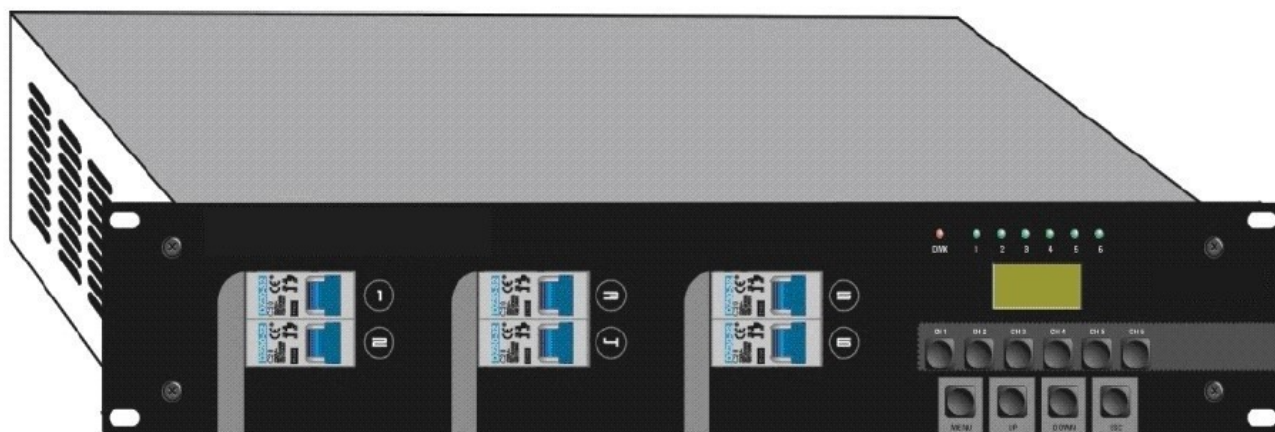


# ***G-L-T*** ***DESIGN*** **4** ***PROFESSIONAL***

Manual



## **DP-6 T Dimmer Pack**

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## 1. Safety instructions



- Read the safety instructions and also this manual carefully.
- Keep the manual.
- Observe all red flags.
- Observe the manual.
- To prevent fire or electric shocks, protect the device against rain and humidity
- Pull the plug before opening the housing.
- To prevent an electric shock you should not remove the cover.
- Do not operate the device in the near of water.
- Use only a dry cloth for cleaning.

### 1.1. FOR SAFE AND EFFICIENT OPERATION

#### **Be careful with heat and extreme temperature**

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 41°F /5°C, or exceeding 95°F /35°C.

#### **To avoid placing on un-stable location**

Select a level and stable location to avoid vibration.

#### **Do not use chemicals or volatile liquids for cleaning**

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt. Pull the plug before cleaning.

#### **If out of work, contact sales agency immediately**

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

#### **Take care with the power cable**

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

#### **Ventilation**

It is not allowed cover fans and air in and outlets.

**Safety**

Do not remove the grounding. It is for your safety. If you remove the grounding it can cause electric shocks.

**Accessory**

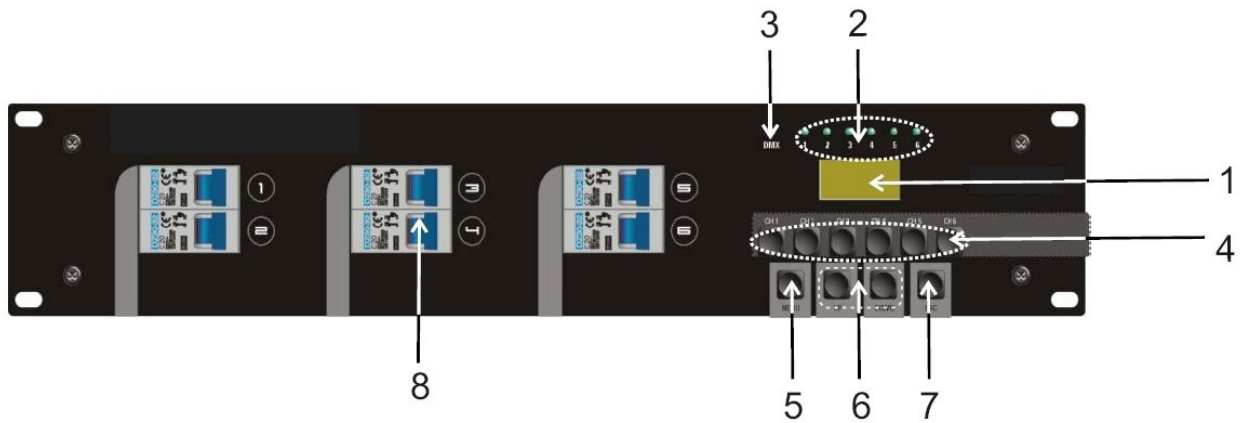
Please use only the accessory which is set by the manufacturer.

**Important**

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

## 2. Overview

### 2.1. Front view



#### 1. LCD Display

#### 2. Channel LED 1-6

#### 3. DMX LED

This LED lights up if a DMX signal is present.

#### 4. Channel buttons 1-6

These buttons are used to change the intensity of corresponding channel.

#### 5. MENU

With this button you can enter the menu.

#### 6. UP/DOWN buttons

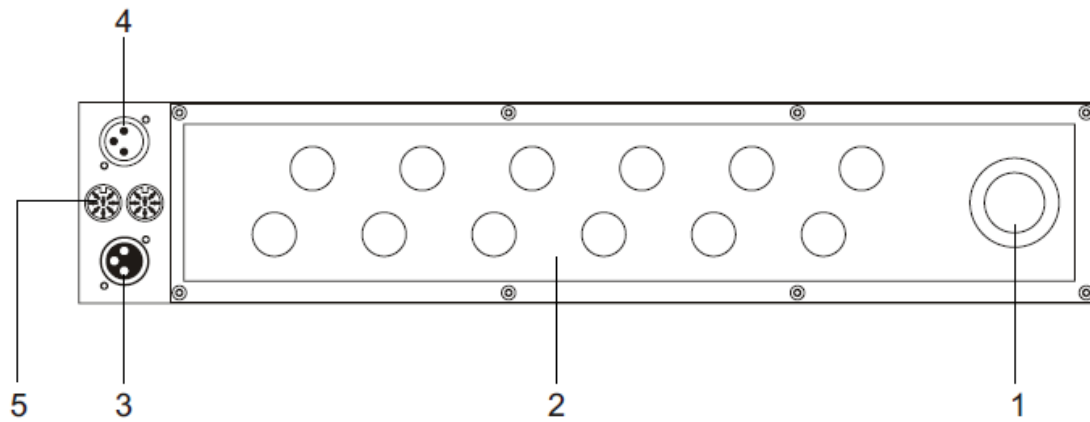
With this buttons you can scroll to the required point of menu or increase/decrease values.

#### 7. ESC Taste

Tap this button to leave menu setting or save setting parameter. In the beginning menu, this button is used to reverse the change direction of channel setting.

#### 8. Circuit Breakers (20 A per channel)

## 2.2. Rear view



### 1. Power input

AC 230 V, 50/60 Hz, 120 A max.

### 2. Terminal

Phase (single): 20 A/channel, Total: 120 A

Three phases: 20 A/channel, Total: 40 A/Phase

### 3. DMX OUT

3pol XLR output female.

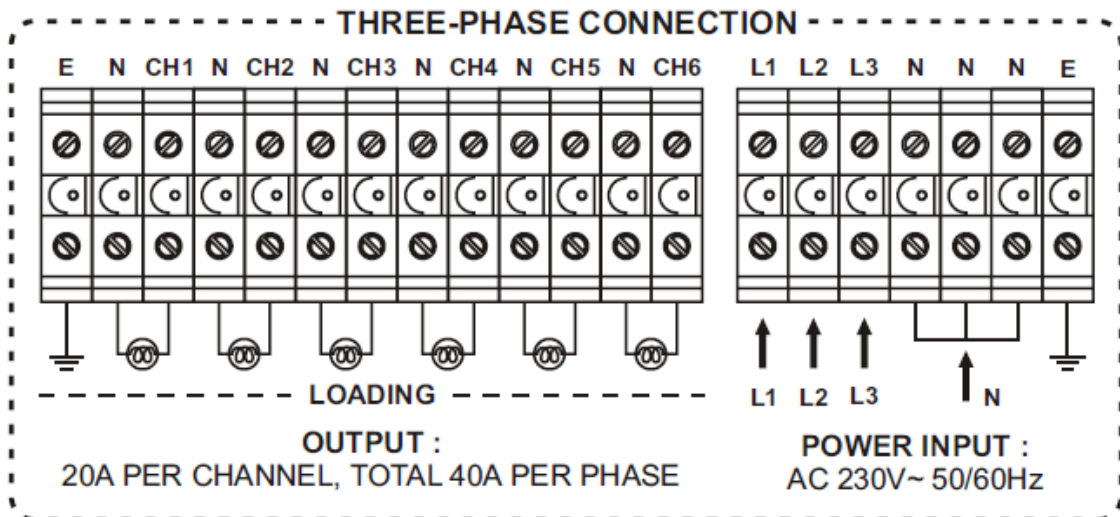
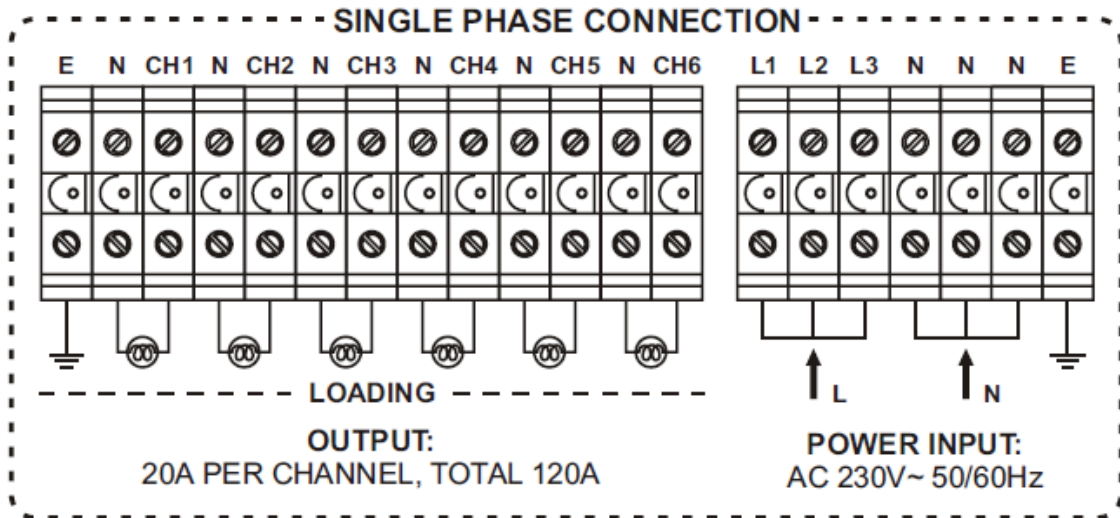
### 4. DMX IN

3pol XLR input male.

### 5. Analogue input

DC 0-10 V pulse signal

## 2.3. Wiring Diagram



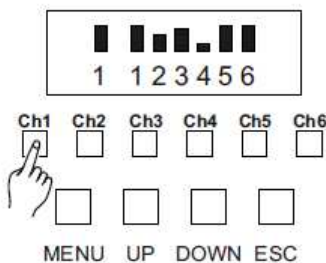
<b>SINGLE PHASE</b>	POWER INPUT: .....AC 230V~ 50-60Hz, 120A MAX OUTPUT: .....20A /CH, Total 120A.	<b>CAUTION</b> Risk of Electric Shock Disconnect Input Power Before Opening N'ouvrez pas..risque de choc électrique Warning :This apparatus must be earthed
<b>THREE PHASE</b>	POWER INPUT: .....AC 230V~ 50-60Hz, 120A MAX OUTPUT: .....20A/CH, Max 40A/Phase.	
<ol style="list-style-type: none"> <li>1. Either three-phase four-wire input or single phase input is allowed.</li> <li>2. When single phase input, L1, L2, L3 must be short-circuited via wires.</li> <li>3. When three phase input, neutral wire must be securely connected.</li> </ol>		

### 3. Control

Apply power to this unit, firstly the LCD reads the revision of software. Then the display shows a row of dynamic images and a row of characters, the first row represents the intensity value, and the second row indicates the channel. .



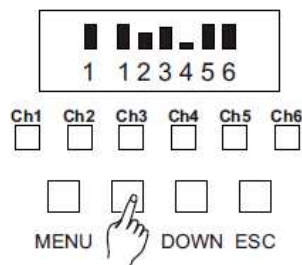
#### 3.1. Adjust channel intensity



Tap the channel button to select the desired channel intensity, each tap will change intensity once.

If you press and hold the button the channel intensity will change quickly. If you tap the ESC button the direction of channel intensity will be reserved.

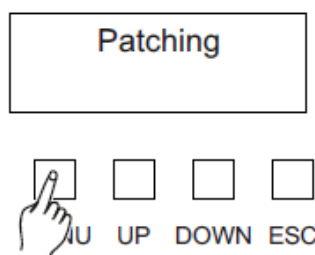
#### 3.2. Adjust whole intensity



Tap the UP/DOWN buttons to increase/decrease the channel intensity. Each tap will change intensity once.

If you press and hold the button the channel intensity will change quickly.

#### 3.3. Structure of the menu



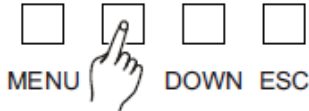
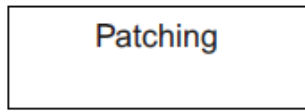
Tap MENU to enter the menu. .

There are 5 points of menu: **Patching**, **DMX Fail**, **MaxLevel**, **MinLevel** and **Curve**.

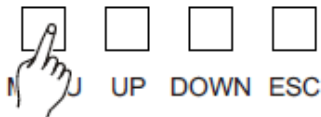
You can use UP/DOWN buttons to scroll through the menu. Tap ESC button to exit the menu.



### 3.3.1. Patching



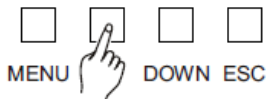
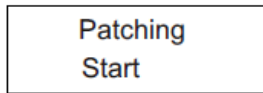
1. Tap UP/DOWN button to scroll to **Patching**.



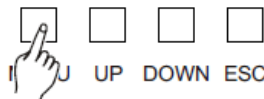
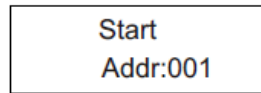
2. Tap MENU button to enter the submenu. You can use UP/DOWN buttons to select between **Start** and **Independent**.

**Start:** The DMX addresses of the individual channels, starting from the selected starting address, are sequentially.

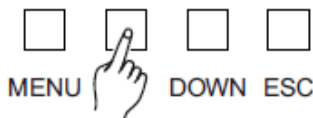
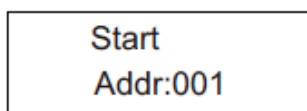
**Independent:** The DMX address of each channel can be independently selected, so also all channels the same DMX address can be assigned.



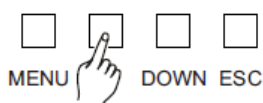
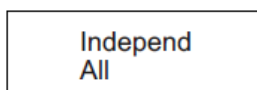
+



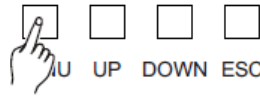
3. Tap UP/DOWN button to scroll to **Start/Independent**. Tap the MENU button to choose the accordingly menu.



4. In **Start**-mode, you can use the UP/DOWN buttons to select the starting address of the 6 channels.

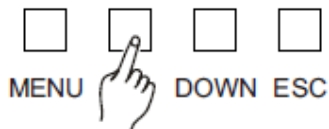


+



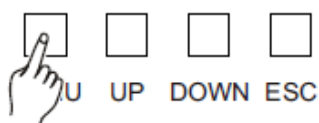
5. In **Independent**-mode you can choose with the UP/DOWN buttons between **All** and **Single**. Confirm by pressing the MENU button.

All  
Addr:001



6. In **All**-mode you can set the DMX address with the UP/DOWN buttons In **All**-mode all channels have the same DMX address.

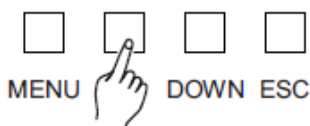
Independ  
Chan[1]



7. In **Single**-mode tap the MENU button, to select between channel and address.

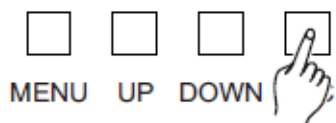
In **Single**-mode the DMX address of each channel can be selected separately.

Chan[1]  
Addr:001



8. If channel is activated, tap the UP/DOWN buttons to choose between the channels 1-6. If address is activated, tap the UP/DOWN buttons to choose the DMX address 1-512.

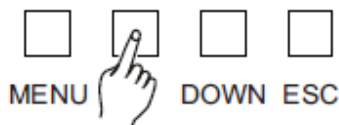
Patching



9. Tap ESC button to save in memory and get back to step 1.

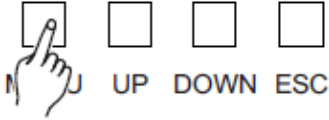
### 3.3.2. DMX Fail

Dmx fail



1. Tap UP/DOWN button to scroll to **DMX Fail**.

Dmx fail  
LastHold



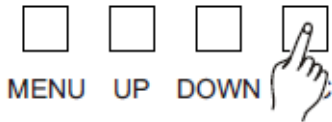
2. Tap MENU button to enter the submenu. You can use UP/DOWN buttons to select between **LastHold**, **Analog** and **Progrm01-12**.

**LastHold**: The DMX signal which was received at last is hold.

**Analog**: The analogue input (0-10 V) is activated.

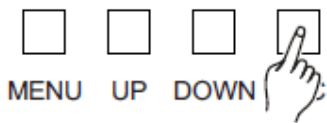
**Progr:01-12**: Starts built-in programs 1-12 automatically.

Dmx fail  
Analog



3. If you have select **LastHold** or **Analog**, you can tap the ESC button to conform your settings.

Velocity  
00.05s



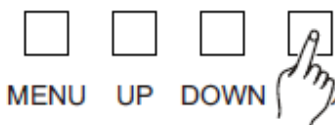
4. If you have select **Progr:01-12**-mode the **Velocity** menu is activated.

Velocity  
00.05s



5. With the UP/DOWN buttons you can select the chasing velocity between 00.005s and 30.00.

Dmx fail

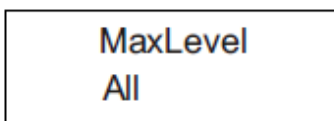
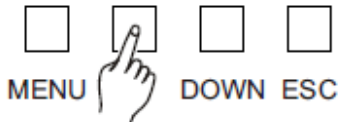


6. Tap ESC button to save in memory and get back to step 1.

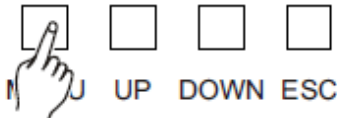
### 3.3.3. MaxLevel



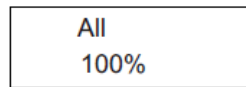
1. Tap UP/DOWN button to scroll to **MaxLevel**.



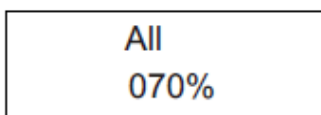
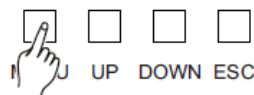
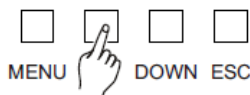
2. Tap MENU button to enter the submenu.



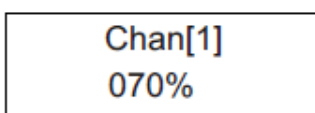
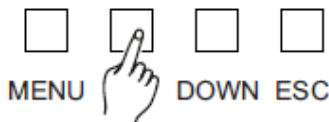
+



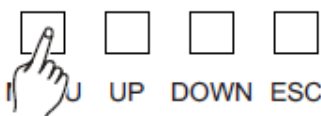
3. You can use UP/Down buttons to select between **All** and **Single**. Tap the MENU button to choose the accordingly menu.

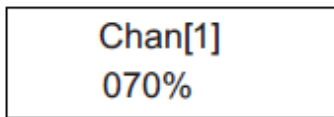


4. In **All** mode you can tap the UP/DOWN buttons between **MaxLevel** 70-100% for all channels.

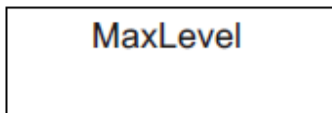
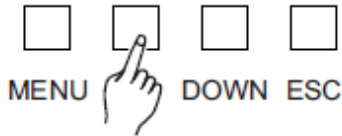


5. Tap the MENU button in **Single**-mode, to choose between the channel and **MaxLevel**.

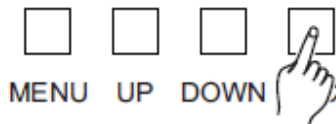




6. If channel is activated, tap the UP/DOWN buttons to choose between the channels 1-6. If level is activated, tap the UP/DOWN buttons to choose the **MaxLevels** 70-100%.



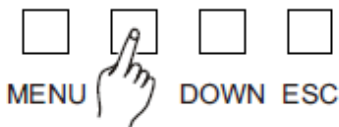
7. Tap ESC button to save in memory and get back to step 1.



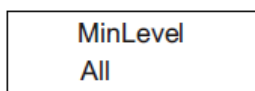
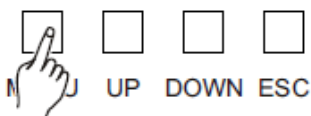
### 3.3.4. MinLevel



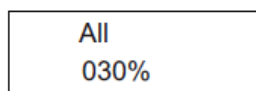
1. Tap UP/DOWN button to scroll to **MinLevel**.



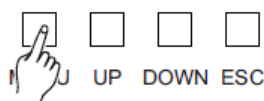
2. Tap MENU button to enter the submenu.

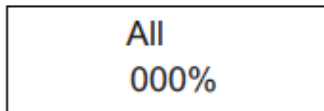


+

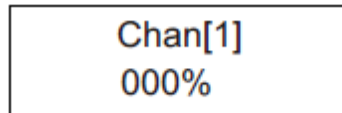
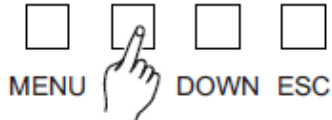


3 You can use UP/Down buttons to select between **All** and **Single**. Tap the MENU button to choose the accordingly menu.

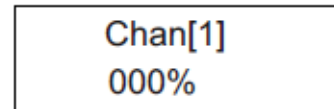
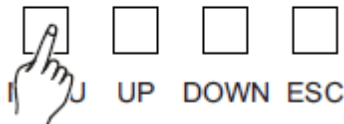




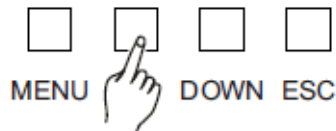
4. In **All** mode you can tap the UP/DOWN buttons to choose between **MinLevel** von 0-30% for all channels.



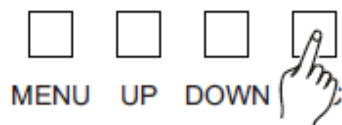
5. Tap the MENU button in **Single**-mode, to choose between the channel and **MinLevel**.



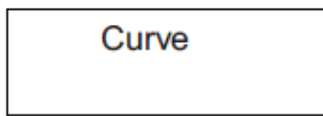
6. If channel is activated, tap the UP/DOWN buttons to choose between the channels 1-6. If level is activated, tap the UP/DOWN buttons to choose the **MinLevels** 0-30%.



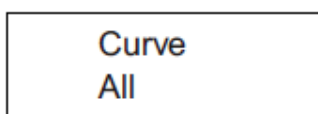
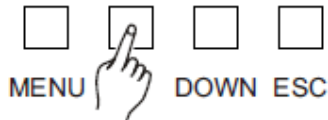
7. Tap ESC button to save in memory and get back to step 1.



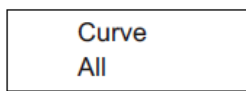
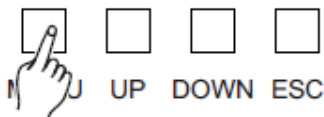
### 3.3.5. Curve



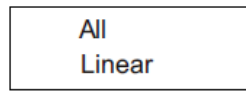
1. Tap UP/DOWN button to scroll to **Curve**.



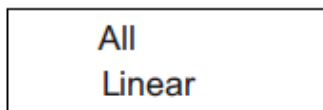
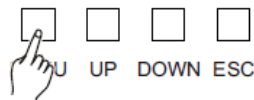
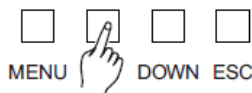
2. Tap MENU button to enter the submenu.



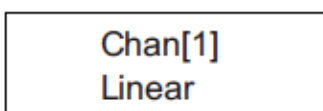
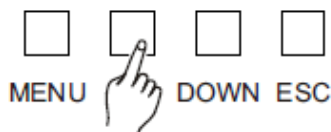
+



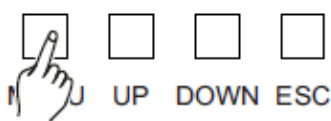
3. You can use UP/Down buttons to select between **All** and **Single**. Tap the MENU button to choose the accordingly menu.



4. In **All** mode you can tap the UP/DOWN buttons to choose between **Linear**, **S-Curve**, **Non Dim** und **Square** for all channels.

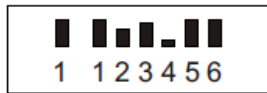
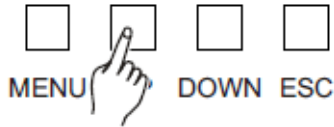


5. . Tap the MENU button in **Single**-mode, to choose between the channel and **Linear**, **S-Curve**, **Non Dim** und **Square**.

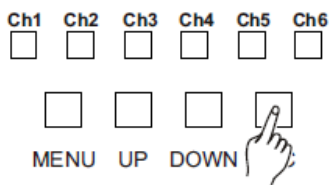


Chan[1]  
Linear

6. If channel is activated, tap the UP/DOWN buttons to choose between the channels 1-6. If curve is activated, tap the UP/DOWN buttons to choose the **Linear, S-Curve, Non Dim und Square**.



7. Tap ESC button to save in memory and get back to the main menu..





## 4. Technical data

Power supply	
Channel Output (3 phases)	20 A/CH; 3x 32 A
Channel Output	20 A/CH; Total 120A
Voltage	32 A, 400 V AC
Connections	
Strom in	Terminal
Strom out	Terminal
XLR in/out	3pol XLR
Controlling	
Dimming curve	Linear
Switch	Switch/Square
Automatic	Yes
DMX512	Yes
Number of canals	6
Dimensions (L/B/H)	482 x 325 x 88 mm
Weight	8 kg

IMPORTER

**B&K LUMITEC**

2 rue Alfred Kastler  
Zone Industrielle  
67850 Herrlisheim - France

+33 (0) 3.88.96.80.90

+33 (0) 3.88.96.48.46

hello@bklumitec.com

www.bklumitec.com

