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Controller, HV DMX 24V/135W

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### **Dear customer,**

thank you for deciding to purchase our product. The product fulfils the requirements of effective European and national guidelines.

To maintain the condition of the product and to ensure safe operation, you - as the user - must observe the product notes and the operation manual! They contain important information for the start-up and handling. It is important, therefore, that these documents are archived carefully for referring to information at a later stage. aufbewahren.

## **1. Safety Instructions**

We are not responsible for any property damage or personal injury caused by failure to observe these productnotes and manual, improper handling or unauthorised modifications.

It can only be installed by a qualified electrician.

Make sure that the item has not been damaged during transport before putting the light into operation. It maynot be operated if there are any damages to electrical parts.

It may only be operated once removed from the packaging.

The type plate must not be removed.

The connection lines in the building must be disconnected before installation and secured against beingswitched back on. For this, trip the corresponding fuse switch in the building installation.

Make sure the electrical specifications for the connection lines correspond with the specifications given on the nameplate of this product.

We recommend that you protect the product with a residual-current-operated protective device. Follow all installation regulations applicable at your location.

Make sure that the cables and plugs are not subject to tension or torsional forces and do not bend the cables. Protect all cables and insulation against possible damages.

Output lines should be laid separately and spaced apart from other lines. The power supply cables and the lamp feeders must not cross each other.

Do not allow the product to come into contact with extreme heat or naked flames.

Use the supplied fastening material only when it is suited for the installation background.

The product must not be covered with objects (decorations) or thermally insulating coverings /similar materials.

Before disposal of the packaging material make sure that all components are removed.

Keep packaging material away from the reach of children and pets. The packaging contains small parts that may be swallowed by children.

## **2. Proper Use**

Use the product only in protected and dry interior rooms.

### 3. Care

Repairs may only be carried out by a qualified electrician.

Disconnect the entire product from the mains first and allow it to cool down before cleaning or maintaining.

Use a dry or slightly moistened cloth for cleaning.

Never use any chemicals, flammable cleaning agents or abrasives. These may cause damage to the surface coating and/or the insulators.

### 4. Faulty Function

Light switched on at the switch?

Transformer mounted and connected properly?

If available; remote control intact? Check the batteries.

Check the connected lines.

Lamp defective?

### 5. Storage and Disposal

Used electronic devices must be brought back to public collection points and must not be disposed of as household waste.

Storage in a dry and clean environment. Do not strain the product mechanically during storage.

### 6. Purchased parts package

- Controller, HV DMX 24V/135W
- 1x User manual

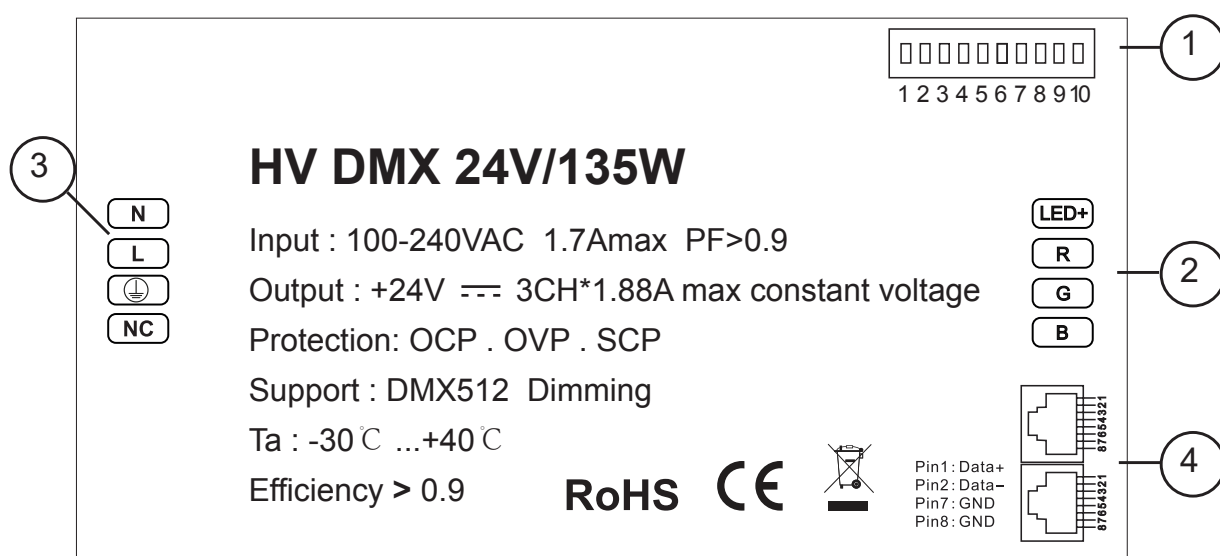
### 7. Technical data

Power supply:	100-240V AC/50-60Hz
Power:	135 W
Protection class:	IP20
Signal:	DMX 512 (1990)
Channel:	3
Output voltage:	24V
Output current:	1,88 A each channel
Working temperature:	-30°C - +40°C
Dimensions (LxBxH):	196 x 75 x 40 mm
Weight:	660 g

## 8. Functions

- DMX512-control
- easy DMX addressing by DIP-switches (side unit on)
- control all LED with common anode (+)
- can be combined with other Kapego DMX drivers

## 9. Interfaces

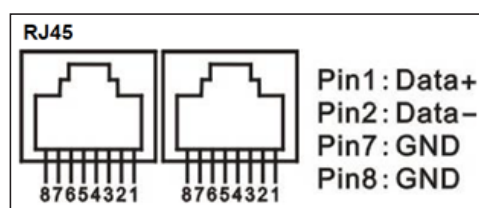


- No. 1: DIP switches addressing
- No. 2: Driver output interface
- No. 3: Input power  
(„N“- blue, „L“- brown,  $\oplus$  - yellow/green, „NC“- no channel)
- No. 4: DMX signal In/Out

Take care that the anode to V + connect to a device and the RGB colors RGB cathode respectively on any Related connections RGB.

If you want to connect multiple individual colors, they must clamp all anodes together on V + and the cathode, respectively to the Associated color.

### DMX Interface



## 10. Operation

### DMX Adressing

DMX addresses can be entered with DIP switches 1-9.  
Each DIP switch represents a binary value.

Dipp-Switch	binär Value
1	1
2	2
3	4
4	8
5	16
6	32
7	64
8	128
9	256
10	3 / 4 CH

A DMX value (address) will be entered by linking (add) the various dip switches. They add up to the desired value set

#### Examples:

DIP Switch 1 & 3	= 1 + 4	= Adress 5
DIP Switch 2 & 4	= 2 + 8	= Adress 10
DIP Switch 1 & 2 & 4 & 5	= 1 + 2 + 8 + 16	= Adress 27