

## MANUAL FOR FLUORESCENT LAMPS TYPE DLxxx

There are two types of fluorescent lamps produced, dependently on the number of fluorescent pipes. DL100 are units with two pipes (Pic.1)but DL200 are bigger ones and they are equipped with four pipes (Pic.2).

Each of unit can be equipped with silver or black barndoors. Both units are controlled in the same way and it is based on DMX 512 standard. Each unit has own independent regulator of brightness(Pic.3). Units can be delivered with fluorescent pipes with colour temperature 3400° K or 5400° K



Pic. 1 Fluorescent lamps DL100



Pic.2 Fluorescent lamps DL200



Pic. 3 Control panel



Pic. 4 Power supply sockets with main switch and DMX 512 plugs

### In order to link up the unit and get ready to operate.

The lamp must be supplied with voltage 230V/50Hz to integrated power socket by means of power cable included, (Pic4). There are main switch and the fuse inside his socket (6,3A). On the left there is outer power socket that enables the lamps to be supplied serially.

There are controlling outlets placed above the power sockets DMX 512.

There are two modes of lamp operation available.

**-independent mode** (first position on display is „u”)

Each unit is controlled independently. Brightness can be controlled by means of buttons above up and down arrows as shown on Pic.3. If the button with up arrow is being pressed, brightness will be being increased and displayed value will be also higher.If we press down arrow there will be inverted situation obtained.The range of control is from 1 to 10 displayed.

- **DMX 512 mode** (there is assigned number of units displayed and when the control is turned on there is „running dot” at the bottom)

If we want the unit or more units to be controlled remotely, we must make a serial network connection using the wire with plugs type XLR. The farthest unit, taking into account the distance from operation center (ex. computer), must have terminator fastened. Each unit must have set its unique identification number (DMX address), from range 1 to 512. After the unit is switched on DMX 512 mode it is possible to set the address. When the range of assigning numbers is being exceeded there is Err information displayed shortly.

#### **Mode of unit operation to be set.**

In order to change operation mode there must be pressed SET button when the power is off (Pic.3), and turn on the power ( in an integrated socket switch Pic4) keeping pressed SET button. If unit had the independent mode set and we want it to have DMX mode, there three „zero” would appear on display. Last position zero will be flashing to be changed. There should be set each position separately by means of arrows..Change of position we can get by pressing SET button .When the appropriate address for unit is fixed, it must be locked by holding down the SET button within approx. 5 sec (till displayed number shines permanently). In order to be back to independent mode, it must be the same procedure executed but it is required the three zero address to be set. Next, it is needed the SET button to be held down until lately used brightness appears on display.

#### **Controlling signals of DMX512 system compatible with XLR sockets description**

- 1 -Com
- 2 -DATA -
- 3 -Data +

#### **Fastening**

There is standard protected 5/8" muff for lamps to be attached to stands or ceiling systems. The muff with protection bolt is shown on Pic. 5

Pic. 5. Unit to be attached.



#### **Technical data**

Lp.	Parametres	DL100	DL200
1	Power	110W	220W
2	Control (manually/DMX 512)	3-100%	3-100%
3	Supply	230V/50Hz	230V/50Hz
4	Weight	5,3kg	7,9kg
5	Dimensions	210x640x110mm	395x640x110

#### **PRODUCER:**

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