

Dimmer DM-PRO I-10V was designed to cover the needs of professional stores on basic sections of lighting. The modern design combined with the advantages of technology I-10V, which is widening in the field of professional lighting, makes it unique. It is an absolutely safe to use and reliable product as it is constructed with special integrated circuits and tough plastic so it can function under adverse conditions.

Control: DM-PRO I-10V is controlled by a rotary potentiometer which controls the current and the power consumption to the desired level from 1% to 100%. The is also an embedded switch in the potentiometer (press switch) to activate and deactivate the device.

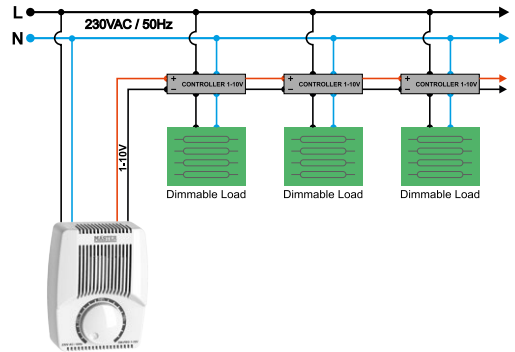
Lower level setting: DM-PRO I-10V gives us the ability to pre-configure the minimum lamp brightness point if required. This process is accomplished by adjusting a potentiometer (trimmer) located inside the device.

- **STEP 1:** Set the main potentiometer at lowest setting.
- **STEP 2:** Meanwhile, remove the mask of the device (DM-PRO I-10V) and then set the potentiometer which is inside the dimmer (ADJ) to the lowest allowed desired limit.
- **STEP 3:** Repeat the same procedure in order to reset the lowest limit.

Note: a) Highest setting of lowest limit is 50%. b) After the procedure's completion (lowest limit setting) dimmer forbids us to reduce the power of electric load more than the pre-setting. However it allows us to increase it up to 100%.



DRAFT OF ELECTRICAL INSTALLATION



Installation instructions

- 1) To prevent fire or electrical shock, the installation must be done by qualified personnel. Any error during installation or wrong use may cause severe accident.
- 2) Install the product according to the draft of electrical installation.
- 3) Do not install different type of loads (Capacitive - Inductive). Especially for LED lamps is recommended to use the same type.

Safe Operating Instructions

- In case of overheating or overload, the available load is automatically reduced. In order to avoid this situation:
 - Go from Leading Edge (pre-setting) to Trailing Edge as described in Function Selection.
 - Reduce the number of connected loads at the output of the product.
- In case of using the product with electronic transformer, they must have indication of compatibility with semiconductor switching devices (dimmer).

TECHNICAL SPECIFICATIONS

DIMMER	Electronic I-10V
FUNCTION	Soft Start
OPERATING VOLTAGE	230VAC
POWER LINE FREQUENCY	50Hz
OUTPUT SIGNAL	I-10V / 50mA
ENVIRONMENTAL CONDITIONS	Operating temperature -20 ° C to + 50 ° C Storage temperature -20 ° C to + 60 ° C
WIRE SIZE	Flexible capacity Ø 0.5mm ² to 3.5mm ² Rigid capacity Ø 0.5mm ² to 3.5mm ²
MOUNTING	Surface Mount
CONTROL	Rotary Potentiometer (Local)
LOWER LIMIT SETTING	Internal Potentiometer (trimmer)
CONTROL LOADS	Drivers - Controllers - Electronic Ballasts with I-10V protocol

R	L	C / L			
RESISTIVE	INDUCTIVE	CAPACITIVE / INDUCTIVE / FILAMENT			
2500 W	2500VA	2500VA	2500 W	2500 W	2500 W
1W	1VA	1VA	1W	1W	1W



When the product is placed out of service, it must withdraw according to the national legislation and environmental protection requirements.