

PROJECTOR SHUTTER DMX

Projector shutter/dowser is small device which should be used with any type of projector to have TRUE BLACKOUT on projection area. Device is controlled by DMX signal or manual switch thru classic 3pin/5pin DMX cable. DMX is optically isolated and protected by TRANSIL diodes. Device is delivered with mounting straps, protection hook for securing line. Flaps are made from high grade plastics in three size levels.



- **DMX controlled**
- **Switch button controlled on DMX pins 1 / 3**
- **Built in power supply**
- **DMX Thru output**
- **LED indication of DMX line**
- **MIRROR function for using in concurrent operation with two projectors**

Power supply – Adapter (DMX & Analogue output)

DC 15, 100mA – 300mA

DMX 512

USITT DMX 512 (1990) output protected with TRANSIL diodes

Temperature of use

-20...60°C

Housing

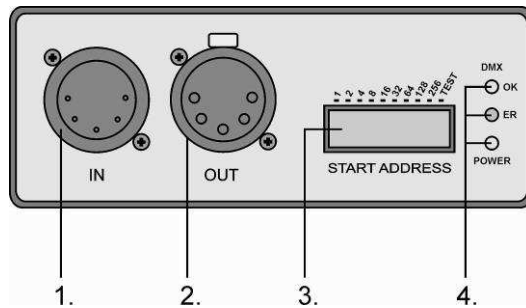
Steel housing with powder coating

110 x 44 x 145 mm

Weight

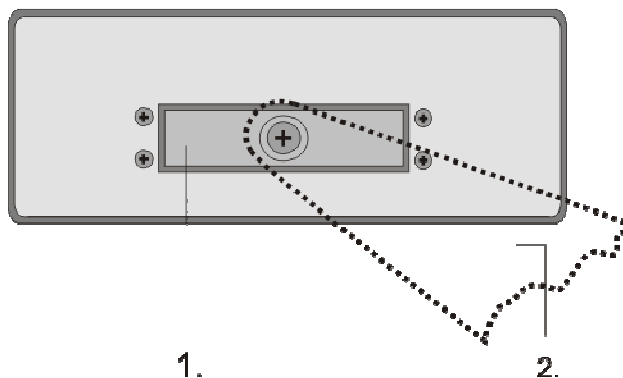
0.8 kg

Front panel description



1. DMX input
2. DMX output
3. Switches of DMX start address (ON-up) – Switch #10 is MIRROR switch
Inverts the zero position of FLAP: DMX512: zero position, DMX0: 90 deg.
4. LED indication of DMX and POWER

Rear panel description



1. Hi-Grade Servo motor
2. Mounted flap sketch

Device functions

DMX address selection: The DMX address is set on the 9 DMX DIP switches. The green LED is light when correct DMX is connected. RED ones lights when DMX signal with inverted polarity is connected. The DMX signal is applied with a standard 5-pole or 3-pole XLR-plug.

Mounting of the blackout flap: The flap is mounted on the servo motor axle. When the desired angle has been found, the flap can be tightened with the small black screw. Always align the flap when device is turn off – your servo motor can be damaged when the movement line is obstructed by other devices.

DMX signal controlled projector shutter: When power adaptor and the DMX line have been connected, the projector shutter is ready for use. By changing the percentage of the chosen DMX address, the motor axle can be made to turn forward and backward following the DMX percentage. The motor axle can turn from 0 to 90 degrees, 0% equaling 0 degrees and 100% being 90 degrees. You can mirror movement of the flap by setting up the #10 switch near the DMX address selector marked as TEST.

Switch controlled projector shutter:

The shutter with DMX interface has an optional SWICH button. By short circuit of DMX lines 1 and 3 on DMX cable you can control the projector shutter. By short circuit of DMX lines become the DMX OK and DMX ERR lights steady light. This signalize that the shutter is closed - it's in 90 degrees position. You can invert the movement by the TEST switch #10.

You can use also our special cable with switch - which is optional accessories.

Pin Connection on the 5 pole XLR plug:

- Pin 1 : GND
- Pin 2 : DMX -
- Pin 3 : DMX +
- Pins 4,5: Not connected

