

# DMX1SW – Single Channel DMX Switch

DMX1SW device allows controlling of 230V/50Hz 16A electrical devices from theatrical light desk via the DMX line. Switching of the output is done via the relays for phase and neutral lines. The DMX1SW device is equipped with a socket according to customer's needs.



- **1-channel switching Phase and Neutral**
  - **Relay protection for 100A spike**
  - **Overvoltage protection of DMX input**
  - **LED indication of DMX line**
  - **DIP switch for DMX address setting**
  - **Neutrik 3- or 5-pin on request**
- **Sockets:**
    - **Schuko**
    - **French Schuko**
    - **Swiss**
    - **CEE16/3p**
    - **Danish**

## DMX input with TRUE output

USITT DMX 512 (1990)

## Switching output

1 switching output 230V – 16A, fused with 16A FUSE and optical signalization of active output channel on the top panel by a glow lamp.

## Power supply

AC 230V/ 50Hz, 16A

## Temperature of use

-20...+60°C

## Housing

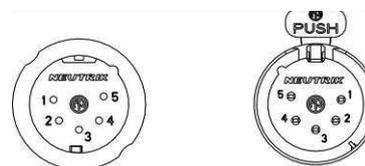
Steel housing with powder coating  
110 x 44 x 145 mm

## Weight

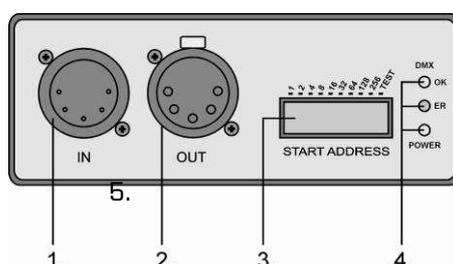
1.0 kg

## XLR 3- or 5- pin connector [Neutrik<sup>®</sup>]

Pin 1	Data CMN
Pin 2	Data -
Pin 3	Data +
Pin 4, 5	not connected



## Front panel description



1. DMX input connector
2. DMX output connector
3. DMX start address selector
4. DMX and POWER status LEDs

**Device control:**

Device is controlled by single DMX channel. There is threshold of 50% of 255 to activate the output. All that is below of 50% means that output is turned off. All that is higher than 50% means that output is activated.

Activation of output is also signalised on the light indication mounted close to the output socket.

**Device use:**

Device rating is AC230, 16A. Never exceed the maximum rating of device

**Other functions:**

Device can be updated with custom firmware. This firmware can have more functions like blocking of one output when other is activated or safety channel functions required mostly by SFX companies. Ask manufacturer at [sales@srslight.com](mailto:sales@srslight.com) for more details.

**Connectors:**

Device can be assembled with any kind of power or signal connector. Consult at [sales@srslight.com](mailto:sales@srslight.com) for more details.

## Declaration of conformity



We hereby declare that the equipment described below conforms to its design, type and version introduced by us to the fundamental safety and health requirements of the EU Guidelines Machines.

Manufacturer:

SRS Light Design  
Rybničná 36/D  
83106 Bratislava  
Slovakia

Declares the product

Name of product: Digital switch pack  
Type/version: **DMX1SW, DMX2SW**

Correspond to the specification:

EN 60-950-1:2003  
EN 55103-1:2000  
EN 55103-2:2000  
EN 60-598-2-17 1989 including amendments 1/2  
EN 60-598-1 1992 including amendment 1

CE marking directive 93/68 EEC  
Low voltage directive [2006/95/EG]  
EMC directive [2004/108/EWG]

Bratislava, April 29, 2012



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