DMX2SW – Dual Channel DMX Switch

DMX2SW device allows controlling of 16A devices which can be 2x 230V/50Hz 8A or similar from theatrical light desk via the DMX line. Switching of the outputs is done via the relays for phase and neutral lines. The DMX2SW device is equipped with sockets according to customer's needs.

- **2-channel switching Phase and Neutral**
- **Relays 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
2 switching outputs 230V – 8A each, fused with 8A FUSE and optical signalization of active output channel on the top panel by glow lamps.

Power supply
AC 230V/16A, 50Hz main

Housing
Steel housing with powder coating
110 x 44 x 145 mm

XLR 3- or 5- pin connector (Neutrik®)

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

Temperature of use
-20...+60°C

### Weight
1.0 kg
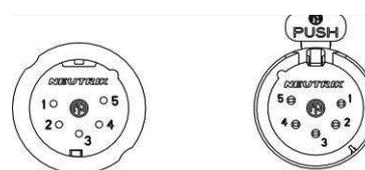
Front panel description
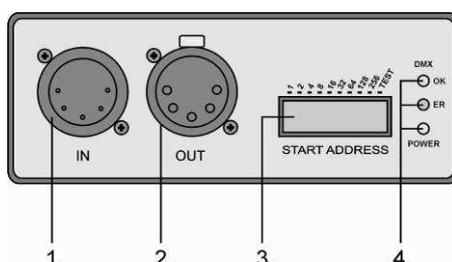
1. DMX input connector
2. DMX output connector
3. DMX start address selector
4. DMX and POWER status LEDs

Device control:

Device is controlled by two DMX channels. Each channel controls single socket. 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. IF you need to switch two 16A circuits use two devices or use a DMX1SW which has capacity of 16A per single socket

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 for more details.

Connectors:

Device can be assembled with any kind of power or signal connector. Consult at 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

Robert Sloboda

plasa
member