



Portable DMX Relay Switch Instruction Manual

Models:

DMX1SW, DMX2SW

version 1.0 since 3 February 2020

ATTENTION!

This instruction manual contains important information about the installation and the use of the equipment. Please read and follow these instructions carefully.

Always ensure that the power to the equipment is disconnected before opening the equipment or commencing any maintenance work.

IMPORTANT SAFETY INFORMATION

The following general safety precautions have to be observed during all phases of operation, service, and the repair of this equipment. Failure to comply with these precautions or with specific warnings in this manual violates safety standards of design, manufacture, and the intended use of this equipment.

Do not operate in an explosive atmosphere!

Do not operate this equipment in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

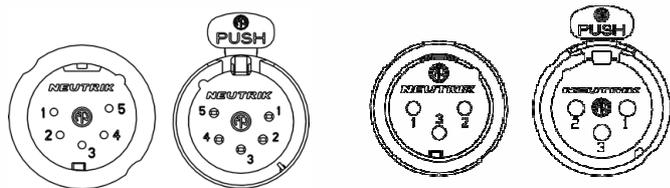
Water, moisture, heat and humidity

Do not operate this equipment near water or in areas with wet floors or in high humidity atmosphere where condensation forms on the equipment. It should never be placed near or over a heat register or other source of heated air and it should not be installed or operated without proper ventilation.

DMX connections

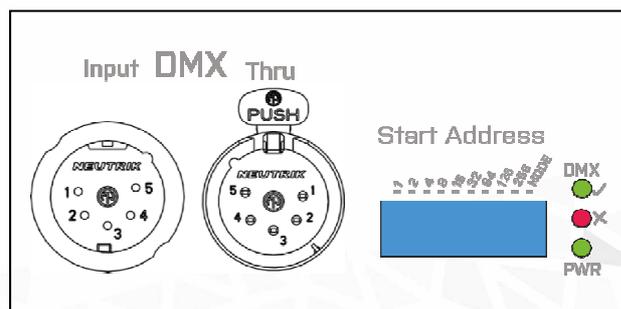
DMX IN and THRU connectors are located on the front panel of the Relay Switch. They are optically isolated. Switching control value for ON state is in range 128-255. 0-127 is the output in OFF state. There is no hysteresis present on switching value. For custom control values, please contact us on sales@srs-group.com

Pin 1	Ground / Common
Pin 2	Data -
Pin 3	Data +



Device Design

Front panel:

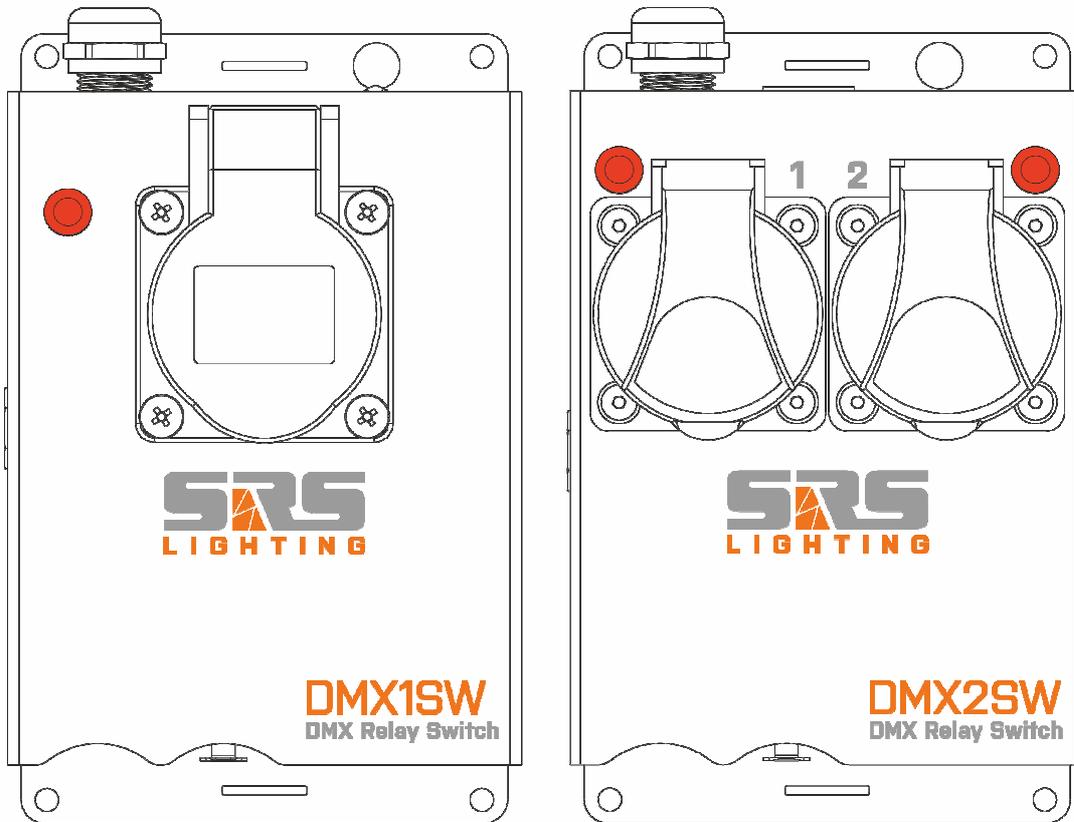


Controls and indication

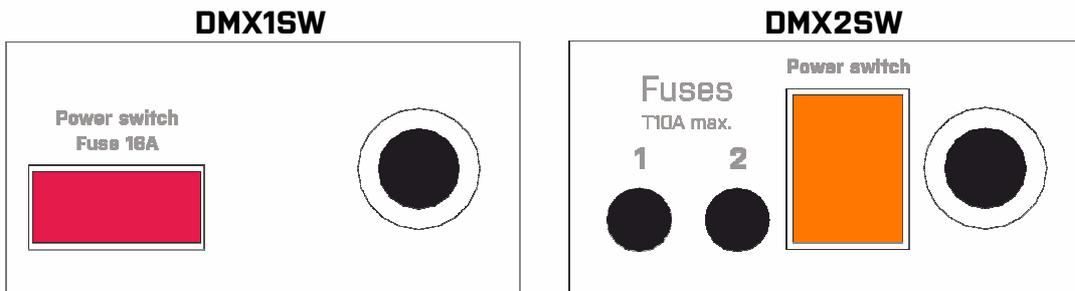
DMX OK – if ON, DMX is working properly
 DMX ERR – error on the DMX line
 PWR – LED signalizes unit powered ON

Device Design

Top panel:



Rear panel:



Device use/servicing:

The Power LED indicator indicates the device is on the main power. All other DATA indication LEDs being OFF mean no incoming signal.

When the DMX cable is connected to the device, all LEDs marked with symbols D+/D- or the sign of signal polarity go ON. This indicates that the Relay Switch is functioning properly and is retransmitting the input to the outputs. If any of LEDs is OFF, check the cable first – short circuit on a line causes the respective LED is OFF.

Device is upgradeable via USB to DMX cable. Ask on sales@srs-group.com for more details.

Technical data

Main:

AC 230V / 50Hz, 16A

Input/ Output:

USITT DMX512

Control values:

Switch OFF: 0-127

Switch ON: 128-255

Switch device:

2x relay per PHASE and NEUTRAL

16A capacity + 100A in-rush protection

Size:

110 x 44 x 145mm

Weight:

1.0 kg

Package consists of:

- DMX SW unit
- Printed manual

Warranty:

2-year warranty

DECLARATION OF CONFORMITY

According to the guidelines 89/336 EEC and 92/31 EEC:

Name of producer: SRS Group s.r.o.

Address of producer: Rybnicna 36/D, 83107 Bratislava, Slovak Republic

Declares that the product

Name of product: Portable DMX Relay Switch

Type: DMX1SW, DMX2SW

Corresponds to the following product specifications:

Safety: EN60065, resp. EN 60950

EMC: EN55103-1, resp. EN55103-2

Additional information:

Unit and all connected apparatuses must be earthed via main cable.

Bratislava, 22 November 2014



Robert Sloboda

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