



Manual

Laserworld Showrouter

Please read this manual carefully prior to product operation!



Legal notice:

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This manual and its information have been made with due care. Laserworld AG cannot, however, take any responsibility for errata, bugs, or the resulting damages.

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1. Scope of delivery & details

Please check if all listed parts are included and undamaged. Included in delivery:

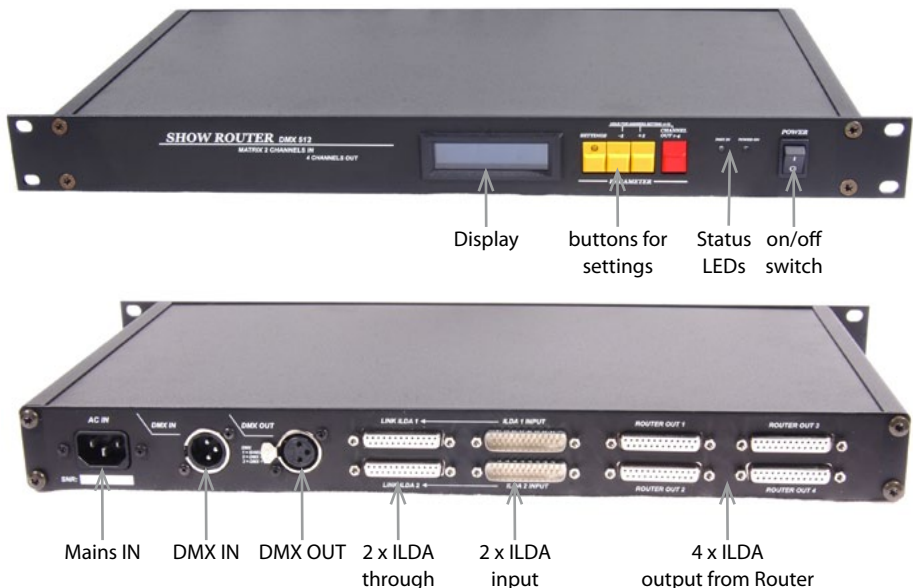
- 1 x Showrouter 19"
- 1 x power cable
- 1 x manual

2. Preliminary warning notices

1. Please use this device only **according to these operating instructions**.
2. Do not use the device if there are any **visible damages** on housing, connector panels, power supplies or power cords.
3. **Do not operate the device at a high humidity, in rain or in dusty environments.**
5. **Protect device against dripping or splashing water.** Do not place any liquid filled containers at the device.

Warranty claim expires with removal of warranty label.

3. Device connections



4. Operation

1. Stand alone operation (without DMX connection)

Select the respective output channel that shall be adapted by using the red button. The actually selected output channel is shown in the upper right corner of the display. The settings for the very output channel can then easily be selected with the yellow buttons.

For single color projectors please select „white“ in menu point 8.

2. DMX operation

To control the Showrouter through an external DMX512 signal, switch the unit to „DMX external“ in the menu by using the setting buttons. A new menu point shows up providing options for DMX address setup. Please set the address according to your needs (see below)

Output line	Channel	Value	Option
1	Channel 1	0-126	Input 1
1	Channel 1	127-255	Input 2
1	Channel 2	0-255	Rotation
1	Channel 3	0-255	X, Y flip
1	Channel 4	0-255	Size X
1	Channel 5	0-255	Size Y
1	Channel 6	0-255	Offset X
1	Channel 7	0-255	Offset Y
1	Channel 8	0-126	Color
1	Channel 8	127-255	White
1	Channel 9	0-255	Fader red
1	Channel 10	0-255	Fader green
1	Channel 11	0-255	Fader blue
1	Channel 12	0-255	Master
2	Channel 13	0-126	Input 1
2	Channel 13	127-255	Input 2
2	Channel 14	0-255	Rotation
2	Channel 15	0-255	X, Y flip
2	Channel 16	0-255	Size X
2	Channel 17	0-255	Size Y
2	Channel 18	0-255	Offset X
2	Channel 19	0-255	Offset Y
2	Channel 20	0-126	Color
2	Channel 20	127-255	White
2	Channel 21	0-255	Fader red
2	Channel 22	0-255	Fader green
2	Channel 23	0-255	Fader blue
2	Channel 24	0-255	Master

Output line	Channel	Value	Option
3	Channel 25	0-126	Input 1
3	Channel 25	127-255	Input 2
3	Channel 26	0-255	Rotation
3	Channel 27	0-255	X, Y flip
3	Channel 28	0-255	Size X
3	Channel 29	0-255	Size Y
3	Channel 30	0-255	Offset X
3	Channel 31	0-255	Offset Y
3	Channel 32	0-126	Color
3	Channel 32	127-255	White
3	Channel 33	0-255	Fader red
3	Channel 34	0-255	Fader green
3	Channel 35	0-255	Fader blue
3	Channel 36	0-255	Master
4	Channel 37	0-126	Input 1
4	Channel 37	127-255	Input 2
4	Channel 38	0-255	Rotation
4	Channel 39	0-255	X, Y flip
4	Channel 40	0-255	Size X
4	Channel 41	0-255	Size Y
4	Channel 42	0-255	Offset X
4	Channel 43	0-255	Offset Y
4	Channel 44	0-126	Color
4	Channel 44	127-255	White
4	Channel 45	0-255	Fader red
4	Channel 46	0-255	Fader green
4	Channel 47	0-255	Fader blue
4	Channel 48	0-255	Master

3. Reset to factory default

For reset, set the Showrouter to „DMX external“. Use the „minus“ (down) button to switch to „internal“ and keep the button pressed and press the red selection button.

Now all settings for internal control are reset to factory default.

4. Initialization, saving

All settings are automatically saved after 40seconds of inactivity. This is shown by the yellow LED that is integrated in the menu button switching off. The system reinitializes and automatically returns to the main menu.

5. Initial operation, safety instructions

1. Make sure to use **correct voltage**; see information on device & in this manual.
2. The device should be firmly mounted to a 19" rack. Table top operation is not recommended.
3. If the device has been exposed to **great temperature changes**, do not switch it on immediately. Condensation water may damage device.
4. Never use dimmer, RC or other electronically switched sockets. Whenever possible, do not use the device together with large appliances (especially fog machines) on the same mains!
5. Ensure **sufficient ventilation** and do not place the device on any warm or heat radiating surface. Ensure that device does **not get overheated**. Make sure that the device is not exposed to spotlights (especially moving heads).

Final statement

Product and package leaving warehouse without faults. Users have to follow the local safety regulations and warnings of this manual. Damages through inappropriate use do not underlie the sphere of influence of manufacturer or dealer. Therefore no liability or warranty will be taken over. We cannot inform you in case of changes of this manual. If you have any questions, please contact your dealer.

For service please contact your dealer or Laserworld. Please use only spare parts of Laserworld. Subject to change without notice. Because of the vast amount of data we cannot guarantee any correctness of given information.

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Technical data

Housing:	19", 1 HU
Input:	2 x ILDA standard inout, 25pin connector
Output:	4 x ILDA standard output, 25pin connector
Through:	2 x ILDA standard through
DMX control:	48 channels standard DMX512
Beam:	PS-29.000RGB CT: ca. 5.5mm / <4mrad (full angle divergence) PL-20.000RGB CT: ca. 5.5mm / <2mrad (full angle divergence) PL-42.000RGB CT: ca. 5.5mm / <2mrad (full angle divergence) PL-20.000G CT: ca. 5.5mm / <2mrad (full angle divergence)
Power supply:	85-250V, 50Hz (+/- 5%)
Power consumption:	max. 40W
Operating temperature:	+10° to +35°C