

## State-of-the-Art Laser Show Controller

**Feature** Outstanding control system for laser show and multimedia applications

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2 ILDA output connecting 2 laser projectors

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Specialized computer with proprietary operating system developed for the particular requirements of laser projections

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Allows complete real-time operation

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Extraordinary reliability: It just works under all circumstances !

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Unbeaten color management

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Outstanding picture quality

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Unparalleled interactivity for synchronization of laser beams, graphics, light-, water- and pyro-effects as well as video projections

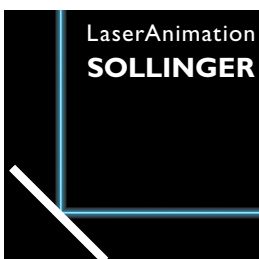
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Exceptional network capabilities: All input / output devices can be shared / used by all DSPs in a network

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Groundbreaking software package, from the *Playback* level to the professional *Mark 2* Production Suite

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MADE  
IN  
GERMANY  
used worldwide



Technical specifications subject to change without prior notice!

## Software Levels

|                        |   |
|------------------------|---|
| <i>Playback</i>        | Playback of Lasergraph DSP laser shows, the shows aren't editable. The Lasergraph DSP with Playback level is a low cost controller which especially makes setups with several Lasergraph DSPs more affordable.  |
| <i>Mark 2</i>          | Production Suite  |
| <i>Mark 2 Licensor</i> | Production Suite additional with Licensing Function<br>This function allows temporary editing for connected Lasergraph DSP <i>Playback</i> in a network. The Lasergraph DSP <i>Playback</i> becomes a fully editable Lasergraph DSP as long as the network connection exists. |

Software Package  
Mark 2 Production Suite

|                   |  |
|-------------------|--|
| LGRremote         | Terminal software for programming and editing of laser shows for Windows as well as Mac OS X |
| ShowLine          | Timeline application for synchronization of laser with music and video                       |
| proTize converter | Conversion tool for vector images and bitmaps  |
| proTize max       | Plug-in for 3ds max  |
| Lpv Creator       | Recording program for a DSP laser show   |
| Lpv Player        | Media player for playing back Lpv files on a PC  |
| jr. Live!         | Playback and live user interface   |
| DeeMagiX          | DMX application for controlling laser effects using DMX lighting console                     |

Versatile  
Connectivity

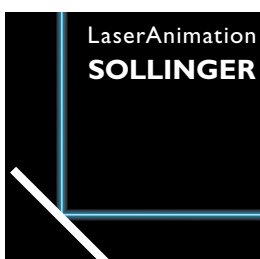
|                    |   |
|--------------------|---|
| ILDA Out (2x)      | Connection for <b>two laser projectors</b> according to ILDA standard                           |
| LAN                | Ethernet  |
| RS232 (2x)         | Connection for media controller ...   |
| RS485 (Fader)      | Connection of a faderboard unit   |
| DMX In/Out         | To connect DMX lighting console, dimmer (fog machine) etc.                                      |
| SMPTE (LTC) In/Out | Standard timecode interface for connection of e. g. audio or video devices using SMPTE timecode |
| Midi In/Out        | To connect Midi keyboard or Midi controller "Ohm 64"  |
| Sync In            | Synchronization of laser output with video signals or shutter glasses                           |
| AC power input     | Mains voltages 100 - 240 VAC  |

Supported  
Network  
Protocols

- TCP/IP
- UDP
- Art-Net (TCP/IP based Ethernet protocol for DMX512 transfer)
- OSC (Open Sound Control)

Supported  
Visualization  
Software

- wysiwyg
- Realizzer 3D
- Capture Atlas
- Depence V:3D Visualizer
- Lightconverse



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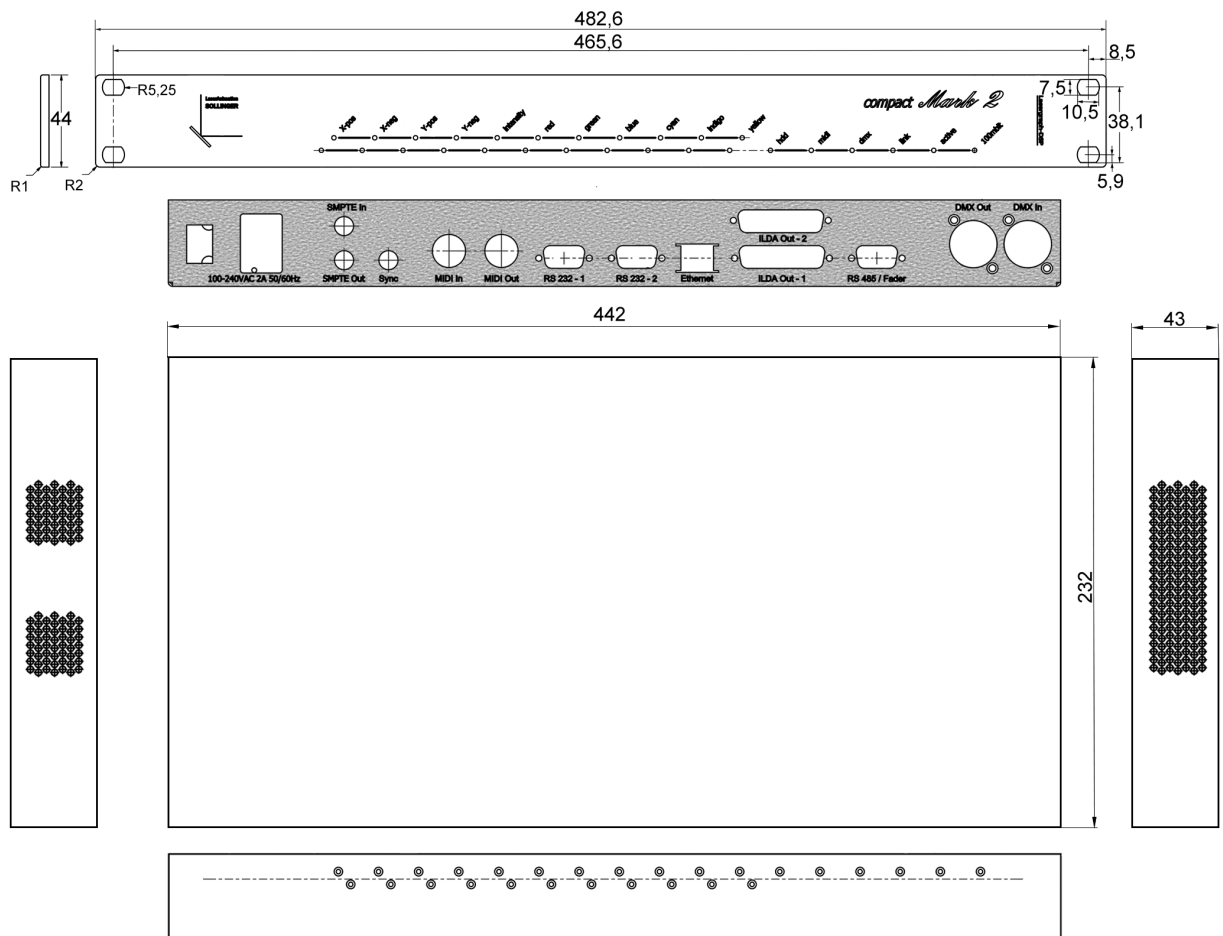
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**Included Extras**

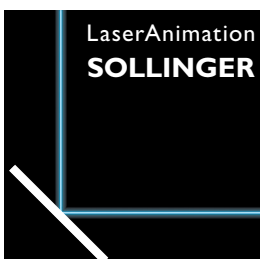
- More than 30 outstanding laser shows as well as interactive games
- More than 40 font files
- Comprehensive library with animations containing more than 11.000 frames
- Collection of demo files for essential commands
- Detailed user guide
- Basic training with a professional tutor
- Software update free of charge - valid 12 months after purchasing

**Physical**

- 19" rack mount
- 1 unit height
- Depth: 235 mm
- Weight: 4.3 kg

**Compliance  
Warranty**

CE  
24 months after delivery



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