

# PHOENIX 3 - PREMIUM EDITION

## professional lasershow software



PHOENIX 3 PREMIUM EDITION is a lasershow software for beginners and professional users! The multiple program features in combination with the easy and intuitive handling make the software a professional solution for every kind of use.



**For professional lasershows,  
can be combined with DMX fixtures**

**For easy live handling by DJ, LJ or VJ**

### Programming shows:

- music synchronized by timeline of lighting fixtures, laser projectors and video
- over 170 free shows included
- over 50.000 preset pictures and animations
- photo-realistic 3D visualizer preview
- many professional features
- easy import of pictures and logos
- up to 32 laser projectors & 32 DMX-universes

### Live operation:

- basic live operation functionalities through DMX / MIDI / Keyboard
- start shows through DMX / MIDI / showplayer

### DMX-features:

- up to 32 DMX-512-out universes
- DMX fixture library
- unlimited scenes and sequences programmable
- DMX-in for remote control from existing DMX controllers

### Live operation:

- extensive LIVE-features like running text & FX
- small shows of effects programmable on timeline
- over 900 preset animations
- easy activation of preset scenes over large buttons
- adjusting of each laser projector during operation
- very easy and intuitive use, even over touchscreen, MIDI-Keyboard or DMX-consoles
- sound-to-laser and many more professional features like SMS4Laser, Cross-Over-FX, Multitouch
- interactive effect-sliders for direct operation

### DMX-features:

- up to 8 DMX-512-out channels controllable
- fog button with specific DMX-channels
- generation of unlimited scenes
- DMX-in for remote control from existing DMX controllers

### Simple Media Converter

- fast and easy conversion of colorful logos and graphics

... and many more features! You find the most important on the next page.

### PHOENIX 3 PREMIUM EDITION - therefore you should get it:

- intuitive handling, convincing layout, highest compatibility
- suitable for beginners and professional users
- only USB- or network port necessary (depending on the laser projector used)
- **quick and professional support by the software developers**

Download test version for free:

<http://www.phoenix-showcontroller.com>

# PHOENIX 3 - features



## Phoenix PRO

## Phoenix Live

<b>Hardware integration:</b>		
Number of controllable laser projectors	PRO: 1 - for multi projector control PHOENIX PRO+: 32	8
ILDA standard, network capability	Yes / Yes	Yes / Yes
DMX 512 capable	Max. 1 x DMX-in, PRO / PRO+ max. 1x / 32 x DMX-out	Max. 1 x DMX-in, max. 8 x DMX-out
Supported interfaces	USB, LAN, DMX, MIDI, SMPTE, Keyboard, touchscreen	USB, LAN, DMX, MIDI-in/out (Motorfader feedback), Keyboard, Touchscreen
Supported operation systems	Windows XP, Vista, 7 (32 and 64 Bit!)	Windows XP, Vista, 7 (32 and 64 bit!)
Can be run on notebooks	Yes	Yes
Multi-Screen support	Yes, but only one screen necessary	Yes, but only one screen necessary
Hotplug capable	Yes	Yes
Video output	Yes (on second monitor port)	-
PDA control	-	Yes, Windows Mobile (optional), iPhone (coming soon)
Individual scanner settings for each projector	Yes	Yes
<b>Live-operation features:</b>		
Live operation possible	Yes	Yes, extensive
Running texts	Yes	Yes
DMX operation in live mode	Yes, very extensive features	Yes, max. 8x512 DMX-channels (with 8 interfaces)
Preset effects	„Unlimited“ respectively 170 preset lasershows	Over 900
Chaser feature for laser in live mode	-	Yes
Quick-programming	Yes - with record-programming	Yes, Quick access buttons
Sound-to-laser	-	Yes, with BPM synchronization
Effects adaption during laser operation	Yes - interactive and real time	10 Slider
Crossover effects	Miscellaneous programmable	Yes
Multi-effect	In programming-mode	Yes (up to 8)
<b>General programming features:</b>		
Timeline programming	Complete shows: Laser, DMX, video	Single effect patterns
Programming features	Audio- and video synchronized on unlimited tracks	Small shows with up to 960 effects/animations
2D visualization	Yes	Yes
3D visualization	Yes, Phoenix 3D-Visualizer	Yes, REALTIME 3D-visualization
Color selection tool	Rainbow color-wizard	Rainbow color-wizard
Video integration possible	Yes	-
Beat indicator for programming	Yes, precise frame-by-frame	Yes
Remote controll through external DMX-controller	Yes	Yes
Fog machine control	Yes	Yes
<b>3D visualization (in Realtime):</b>		
Realtime-3D-visualization	Yes, high resolution	Yes, high resolution
Simulation of laser, furniture and truss	Yes	Yes
Simulation of video, fire and movingheads	Yes	-
Gobo-integration	Yes (from custom .bmp)	-
Display of shades and light	Real time rendering (DirectX engine)	-
Presets	Over 2000 textures, over 300 3D-elements	Over 2000 textures, over 300 3D-elements
Import interfaces	3D Studio Max	3D Studio Max
Custom 3D objects	Extensive editor included	Extensive editor included
Customization of objects	Individual colors, textures and transparency	Individual colors, textures and transparency
<b>Laser programming features:</b>		
Running texts	Yes	Yes
Preset running texts effects (2D and 3D)	-	Yes
Safety zones	16	2
Color morphing, picture morphing, soft color	Yes	Yes
Depth cueing	Yes	Yes
Soft blanking, hidden line	Yes	Yes
Sparkling, strobe effects	Yes	Yes
Multi-layer effects, masking	Yes	Yes
Geometrical adjustments	Yes, many different options	Yes, many different options
SMS-4-laser	Yes	Yes
Custom graphics	2D/3D graphics editor with import option	2D/3D graphics editor with import option
Effect options	190 (+ reams of possible combinations)	Over 900 presets
<b>DMX programming features:</b>		
Possible DMX universes	32	8
DMX fixture library	ca. 2.000 units	-
Implementation of custom DMX units	Yes, versatile fixture editor	Yes
Number of fixture groups, scenes and sequences	Unlimited	-
Signal input for show start	DMX, MIDI and SMPTE	DMX, MIDI
Pan/Tilt control	Standard and invertible	-
Move-in-black feature	Yes	-
Copy/paste during programming	Yes, extensive	Yes
Operation in live mode	Yes, very extensive features	Yes
Compatibility	Fully compatible with DMX512 standard protocol	Fully compatible with DMX512 standard protocol
<b>Other:</b>		
Real time output on laser	Max.32 with matrix	Max. 8 with matrix
Single beam power	Nearly 100%	Nearly 100%
Individual beam tables	Max. 50 per projector	Max. 50 overall
Rasterframe output formats	JPG, BMP, GIF	-
<b>Showplayer:</b>		
Showplayer included	Yes	-
Scheduled show play	Yes	-
Playlist programmable	Yes, unlimited	-
<b>Features for professional users:</b>		
Projector control	Matrix-mapping 1-32 individual projectors	Matrix-mapping 1-8 individual projectors
Effect adaption	Flexible with curve-animator	Flexible with curve-animator
BSpline curves	Yes	Yes
3D Lissajus generator	Yes	-
Net transformations	Yes	-
Color morphing	Yes	Yes
<b>Media support:</b>		
Audio, Video	MP3, WAV, CD, WinAmp, AVI, MPG	-
Graphics import (included)	JPG, BMP, PNG, EPD, PLT	JPG, BMP, PNG, EPD, PLT
<b>Additional features:</b>		
Software update	Automated updates	Automated updates
Preset shows	170 Shows	900 Patterns
<b>Optional modules:</b>		
Laser-video-cutting	Yes, one output projector	-
Mobile-option	-	Yes, for Windows Mobile
Media converter	All picture formats, Flash, SVG, AVI, MPEG	All picture formats, Flash, SVG, AVI, MPEG