



PHOENIX⁴

THE PROFESSIONAL SHOWCONTROLLER



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尊敬的客户

我们很高兴您决定购买PHOENIX⁴。

运用PHOENIX⁴这个强大的激光软件包，可以让你尽情发挥你的无限创意。

你只需要调用预置的素材，即可现场即兴编辑各种震撼的激光效果。

全新的PHOENIX⁴ CAD和PHOENIX⁴ MEDIACONVERTER可以让你把大部分图形，视频，Flash或矢量文件转换成激光表演素材。

简化后的硬件设置步骤更加人性化。

包括三维可视化软件的优势，让你的节目可以在三维实景中模拟出来。

新版本更加直观，更加人性化，大大降低培训所需的时间甚至不需要培训即可使用。

Dear Customer,

We are pleased that you decided to purchase PHOENIX⁴.

With PHOENIX⁴, you have a powerful laser software package with which you can let your creativity run wild with endless show capabilities.

You take the role of a show programmer, a live performer or just use the software to impress your audience with the incredible inbuilt shows.

Use your own creativity with advanced detail of design work with PHOENIX⁴ CAD, or let the optional PHOENIX⁴ MEDIACONVERTER do the laser optimized conversion for most parts of the graphics, video, flash or vector files.

Flexible hardware and with the easily configured software, adjustments are done with very little effort in a live event situation.

Take advantage of the included 3D visualisation software to allow pre-presentation of your show.

The possibilities and intuitive software will take you into the circle of professional users with a minimum of training time required.

Installation Software

注意：请在安装软件之后连接控制盒

Note: Connect the interface with the PC only after a successful installation of software.

1. 插入安装CD或从网络下载最新版的PHOENIX软件:

<http://www.phoenix-live.cn/download>

Insert the bundled CD into your CD-Rom drive or download the latest version from the website at: <http://www.phoenix-showcontroller.de/en/support-en/updates-downloads>

2. 在CD中找到setup.exe并运行他

Run the file "Setup.exe" from CD.

3. 安装期间需要遵循默认值安装和接受软件授权。

Install the software with the default settings and confirm the license agreement to continue.

4. 把USB控制盒链接到你的电脑上。

Connect the included USB cable to the interface and your PC.

5. WINDOWS自动找到硬件。

The Windows Installer window opens.

6. 选择不从WINDOWS UPDATE获得驱动程序，然后点下一步。

Answer the question "Should a connection be made to Windows Update to search for software", by selecting "No, not this time" and click "Next>".

7. 选择手动安装驱动程序（高级），然后点下一步

The next question "How do you want to..." reply with the option of selecting "Install from a list or specific location (Advanced)" and click "Next>"

8. 指定驱动程序的路径为 c:\Program Files\Phoenix Showcontroller\Interface Drivers\Live_USBProDriver 点击下一步

Now activate the check box in "Include this location in the search" and click on the "Browse" button. In the window that opens, navigate to the directory "... \Program Files Phoenix Showcontroller\Interface Drivers\Live_USBProDriver" and click open. Then click "Next>"

9. 当上面的步骤完成之后，你就可以直接使用PHOENIX了。

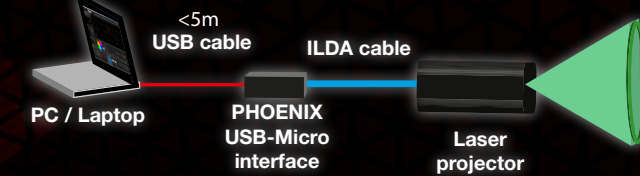
The driver software is now installed and you can now use the interface.

注意：最新版的PHONEIX⁴是会自动在打开的时候会自动搜索是否有升级的，若你想执行升级程序，请点击升级按钮，并关闭除升级窗口外的所有PHOENIX程序。

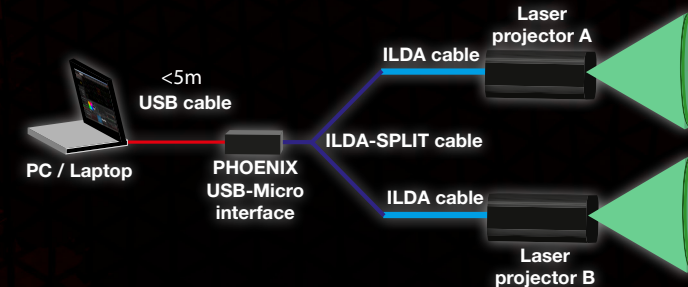
Note: PHOENIX⁴ searches automatically for updates for the installed version at program start when an internet connection is active. To apply the update after downloading please close all PHOENIX⁴ windows - except the updater window.

Installation der Hardware

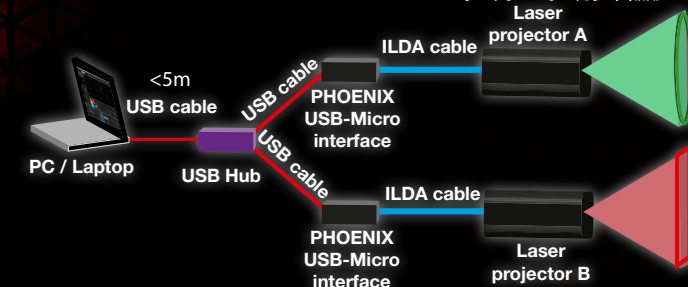
Connection of 1 laser to 1 Micro-USB interface 一个控盒控制一台激光



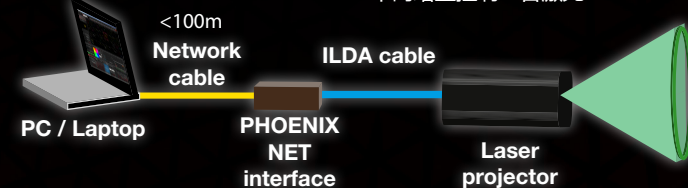
Connection of >1 laser to 1 Micro-USB interface 一个控盒控制多台激光



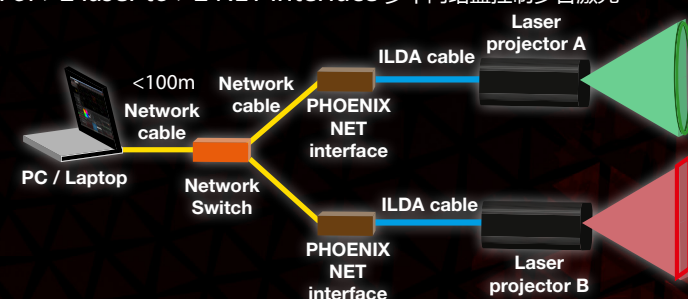
Connection of >2 laser to >2 Micro-USB interface 多个控盒控制多台激光



Connection of 1 laser to 1 NET interface 一个网络盒控制一台激光



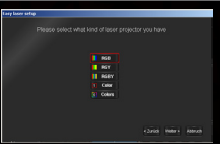
Connection of >2 laser to >2 NET interface 多个网络盒控制多台激光



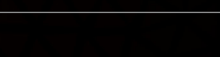
PHOENIX⁴ LIVE



1. 在开始图标中打开PHOENIX⁴ LIVE
Open of PHOENIX⁴ LIVE from the program starter.
2. 设置PHOENIX⁴ LIVE 的硬件链接，你只需要点击automatic按钮然后点击OK
Connect to your interface with the „Remapp Interface“ function to PHOENIX⁴ LIVE by clicking on „Automatic“.



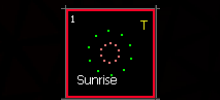
3. 这一步是PHOENIX⁴ 快速设置菜单
Follow the instructions of PHOENIX⁴ Quick-Setup.



4. 打开激光灯.
Turn on your laser.



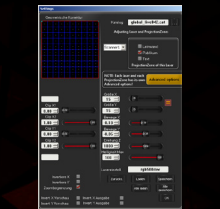
5. 打开程序中的紧急开关.
Turn on laser output in the software.



6. 点击选择你所需要的你的激光场景.
Click on the animated tiles to output a animation.



7. 进入激光设置菜单.
Open the projection zone settings via „Settings> Laser Settings“.



8. 这里你可以设置大小，变型，梯形校正等参数（屏幕，动画，文字
三个参数数各自独立的）.
Set the size and location of output for each laser and each projection zone (screen, audience, text).



进入高级设置可以设置更多扫描参数，如果你对激光的工作原理不了解，我们建议你使用默认值。
With the „Advanced Settings“ you can customize adjustments the setup made by the automatic setting . Read more details about this in the manual.

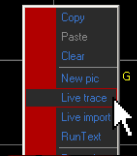
Import von Logo's, Lauftext, Animationen 导入

Mit PHOENIX⁴ LIVE 可以通过简单的操作，导入你所需要的标志，文字等素材。
With of PHOENIX⁴ LIVE you import your own logos with a few clicks, create word and letter-animated runtext (in no time at all!) and import laser animations.

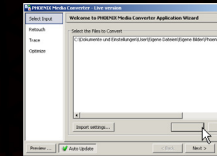
Logos importieren (Bilder konvertieren)实时转换图片

1. 点击右键

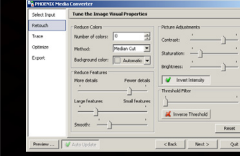
Live Trace,
Right-click
„Live Trace,“



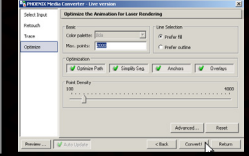
2. 打开图片文件 /
Open image



3. 参数设置 /
Adjust settings



4. 点击转换按钮完成转换
Convert

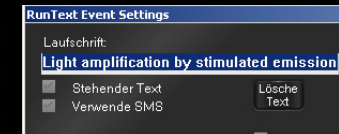


Lauftexte erstellen即时文字

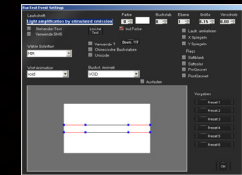
1. 右键点击
„RunText,“ /
Right-click
„RunText,“



2. 输入文字 /
Input text



3. 设置动画效果 /
Adjust animation settings

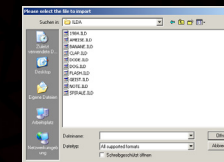


Animationen importieren即时导入

1. 右键点击
„Live Import,“ /
Right-click
„Live Import,“



2. 选择导入的文件
Import supported file



PHOENIX⁴ PRO

1. 点击PHOENIX PRO按钮.
Start PHOENIX PRO.
2. 点击 “Start” 按钮.
Press „Start“.
3. 选择一个节目.
Select show.
4. 节目开始自动播放.
Show starts automatically (If you dont have the music, shows will start in TIME-Mode).
5. 点击停止.
Press Stop.
6. 点击设置按钮
Press Settings.
7. 选择一个测试图形并点击输出测试图形选项.
Check „Show Testpicture“ and select a Testpicture.
8. 点击菜单切换到 „World“.
Switch to the Tab „World“.
9. 调整输出的尺寸.
Adjust the Size, Position and Invertations.
10. 点击菜单 „ScanParameter“.
Switch to „ScanParameter“.
11. 调整输出的参数.
Adjust the „PointRate“ to get a good looking output.
12. 点击菜单 „Color settings“.
Switch to „Color Settings“.
13. 调整颜色设置.
Adjust the colors according to your laser.
14. 点击菜单 „Safety Zones“
Switch to the tab „Safety Zones“.
15. 设置安全区域.
Add a safety-zone by „Add zone“ and adjust it according to your location.
16. 点击 „Close “ 关闭设置窗口
Press „Close“.
17. 点击菜单 „Audio“ > „Einstellung“设置同步模式.
For selection of the Music – go to „Audio“ > Settings“.

Hinweise zum Aufbau einer Show im PHOENIX

- Eine Show besteht aus Figuren und Animationen aus der Bibliothek und darauf angewendete Effekte. Alle diese Elemente werden beim Abspeichern in der Lasershow Datei hinterlegt.



-可以设置多种同步模式，支持MP3 WAV SMPTE等
Zur Synchronisation der Show kann wahlweise eine Audiodatei z.B. MP3, WAV oder die interne Zeitenbasis verwendet werden. Die Einstellungen werden in den „Audio Settings“ vorgenommen und u.A. im Auswahl-Feld auf der Oberfläche angezeigt.

-最多可以同时编辑32个ILDA信号
Es können bis zu 32 individuelle Laser programmiert werden. Der aktuell zu BEARBEITENDE Laser wird im oberen-mittleren Auswahlfeld auf der Oberfläche angezeigt und ausgewählt. Zusätzlich kann ein weiterer Laser im „HINTERGRUND“ - ausgewählt durch das rechte Auswahlfeld - angezeigt werden, wobei dessen Events NICHT verändert / bewegt werden können.

Schnellstart PHOENIX⁴ SHOWPLAYER

可以定制运行专业版和豪华版的节目. / Exclusively included in PHOENIX⁴ PRO / PROPLUS.

设置定时播放之前请确保音频文件能够正常读取。
Ensure BEFORE starting the shows that the audio files are assigned correctly.

Live mode

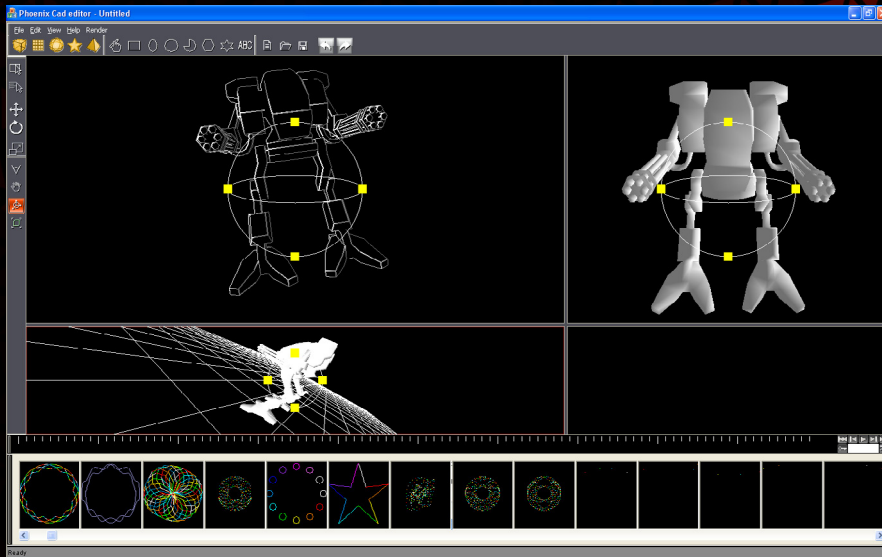
1. 在开始页面中打开ShowPLAYER.
Open the „SHOWPLAYER“ from the program launcher.
2. 点击读取节目.
Click on Load Show.
3. 选择节目所在文件夹
„...\\Programme\\Phoenix Showcontroller\\Shows“, aus.
Choose a show from the directory
„...\\Program Files\\Phoenix Showcontroller\\Shows“ .
4. 重复上述步骤添加几个节目.
Repeat steps 2-3 to load further shows.
5. 选择播放列表.
Select the Show entry in the list.
6. 点击播放按钮系统会自动读取并播放节目.
Click on the Play button. The show will be loaded and played.
7. 点击Pre Load Show按钮可以提前加载节目
To play the show right at your fingertips - without loading it first - highlight the show during all shows are stopped and click on the „Load Pre Show.“,
8. 当你点击播放按钮的时候，节目就可以无需等待加载直接播放了.
The show will then run directly by clicking the play button.

定时模式 Timer mode

1. 在开始页面中打开ShowPLAYER.
Open the „SHOWPLAYER“ from the launcher.
2. 点击Timer按钮.
Click the „Timer“ button.
3. 点击 „Add Entry,“.
Click on „Add Entry“.
4. 选择(typischerweise „Show“), 然后点击 „Add,“.
Select the entry type (typically „show“) and click on „Add“.
5. 添加一个或多个节目到列表中.
Add one or more shows in succession.
6. 选择需要播放的时间段.
Select the date and time of the shows to be played in this container.
7. 点击 „Commit,“.
Click on „Commit“.
8. 填写一个标签.
Specify a descriptive name for the show container.
9. 重复上述步骤添加多个列表
Add more show container this way (steps 3-8).
10. 点击Enable打开定时播放功能.
Enable the timer by clicking „Enable“. The container will be played now at the programmed date and time automatically.



PHOENIX4 CAD



CAD

最新的激光画图工具，你可以编辑动画的关键帧。
可以通过多种预置的工具以及曲线编辑器来完成动画的编辑
可以导入其他3D动画文件，你可以十分轻松地制作出专业的激光动画节目

Draw new laser figures as easy as using your vector - drawing program. A wide range of tools for modifying the object properties over time (keyframe-based) is available from the user interface.

Bring your figures to life with subtle animations and create stunning graphics shows. Thanks to the clearly designed interface, the learning curve is very fast and allows you to utilise your creativity with your own figures and animations in no time.

The variety of formats for import allows you to import existing files from other major 3D animation programs into the application and to seamlessly continue working on them.
This is a revolutionary tool for 3D laser shows and animation creation. You will be pleased with the time saved to produce a professional graphic lasershow!

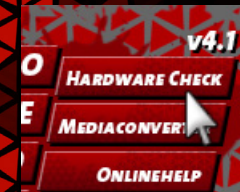
Unterstützende Programme

Hardware Check

硬件检测

The HardwareCheck is to check the laser hardware to get output.

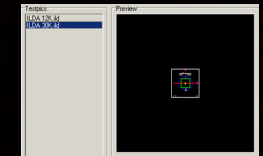
1. 打开
HardwareChecks /
Open the HardwareCheck



- 你可以看到已连接的控制盒 /
Ensure that the interface is correctly installed

Device List	Status
PhoenixLive 5362609C8BDC	Connected to: PhoenixLive 5362609C8BDC Max. Speed: 50000 Handle: 0 Color Channels: 4 DMX Channels: 512 No TTL Lines

- 输出测试图形 /
Proove Color-Laser-Out-put with ILDA Test picture

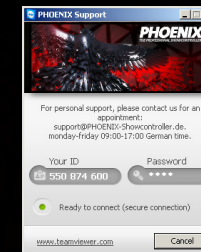
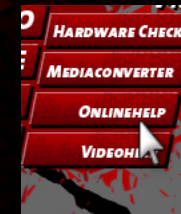


Online Help

非常简单的在线帮助功能（英语、德语用户）。

To solve problems quick and easy, we can connect to your PC after we make an appointment to do this.

1. 点击在线帮助
/ Open the
„OnlineHelp„
2. 提供你的ID给我们为你提供
远程帮助， /
Tell us your ID by Email or
Telephone



3. 我们可以在线直接操作你的
软件 /
The password is known to us
and we are ready to help you
after a successful login.

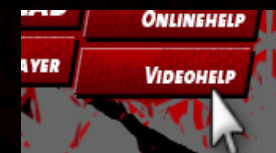


Video Tutorials 视频教学

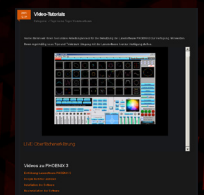
你可以 通过视频教学的按钮来观看高清视频教学。

With our extensive video tutorials, we supplement the manual clearly in images and audio.
Navigate comfortably with your browser, in your particular field of interest, sorted by categories.

1. 点击视频教学
按钮 /
Open the Video-
tutorials



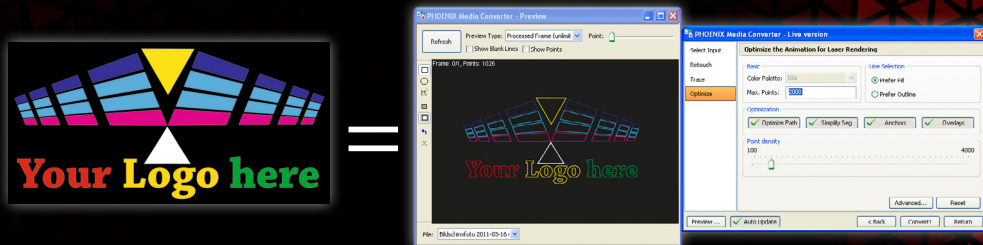
2. 选择不同的片段
Watch the videos
with your browser



Unterstützende Programme

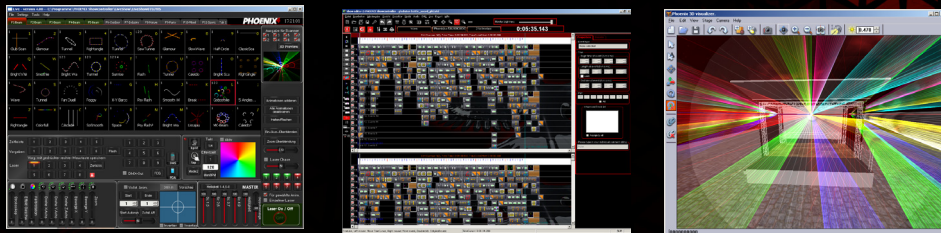
Media Converter

PHOENIX⁴ MEDIA CONVERTER 可以快速地把你所需要的东西转换成激光图形
The PHOENIX⁴ MEDIA CONVERTER helps you to quickly and easily convert your images (like logos), video, flash animation and vector files into laser optimised figures.



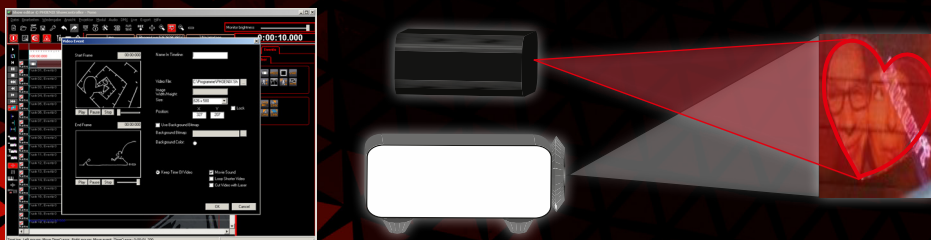
3D Visualizer

PHOENIX⁴ 3D VISUALIZER 可以真实地模拟出现场效果。
The PHOENIX⁴ 3D VISUALIZER enables you to show your lasershow in realtime in a 3D environment to your customers without the need to arrange a time-expensive build-up.



Video Laser Cutting

PHOENIX⁴ VIDEO-LASER-CUTTING 让你可以实现视频与激光之间的互动功能。
With the PHOENIX⁴ VIDEO-LASER-CUTTING it is possible to cut visible parts of a displayed picture or video by animated laser figure, by PHOENIX⁴ PRO in realtime and present the template as you like.



Hardware Zubehör

Micro-USB Interface



- ILDA-Anbindung / ILDA-Connector
- 3+1 Farben, 8 Bit / 3+1 Colors, 8 Bit
- 12 Bit XY-Signale / 12 Bit XY-Signals
- DMX-in, DMX-out / DMX-in, DMX-out
- Max. 50.000pps Scangeschwindigkeit / Max. 50.000pps Scanspeed
- Stromversorgung über USB / USB-Powered

Netzwerk Interface (Desktop, 19", OEM)



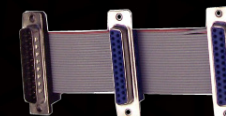
- ILDA-Anbindung / ILDA-Connector
- 5+1 Farben, 8 Bit / 5+1 Colors, 8 Bit
- 14 Bit XY-Signale / 14 Bit XY-Signals
- Optisch isolierter DMX-in, DMX-out mit Neutrik-Verbindern / Optical isolated DMX-in, DMX-out with Neutrik Connectors
- Max. 200.000pps Scangeschwindigkeit / Max. 200.000pps Scanspeed
- Stand-Alone SD-Card Player
Zum Abspielen von ILDA und PHO-Dateien / Stand-Alone SD-Card Player (For playing ILDA and PHO-Files)
- Für 2-8 DMX-Channel Controller / For 2-8 DMX-Channel Controller
- Für max. 256 Animationen / Effekte
For max. 256 Animations / Effects
- Inkl. 1 GB Memory-Card / Incl. 1 GB Memory-Card
- Programmierbar über Web-Schnittstelle (Änderbare / Automatische IP-Adresse)
Programmable via Web-Interface (Changeable / Auto IP-Address)
- Geometrische Korrekturen (Trapez, Shares, Trapezverzerrung, Drehungen)
Geometrical correction (Trapez, Shares, Keystones, Rotations)
- 16 x TTL out, 5V / 500mW / 16 x TTL out, 5V / 500mW
- 110/220V Netzteil mit Neutrik-Verbindern / 110/220V Powerconnector with Neutrik-Connector

ILDA DMX Adapter



- DMX512-in und DMX512-out / DMX512 -in and DMX512 -out
- Zur Verwendung von ILDA und DMX am PHOENIX Micro-USB Interface / For ILDA and DMX usage at PHOENIX Micro-USB Interface

ILDA Split Y-Adapter



ILDA Kabel



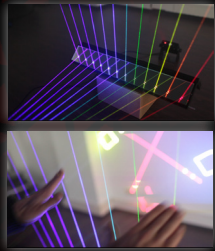
USB MIDI Schnittstelle



- MIDI-in und MIDI-out / MIDI -in and MIDI -out
- Zur Verwendung von Geräten mit 5-pol MIDI Schnittstelle am USB Anschluss / For usage of MIDI devices with 5-pol MIDI interface at USB port

Hardware Specials

LaserHarfe



PHOENIX⁴ LIVE全新的激光竖琴模块，你可以直接在激光束上弹奏你的乐曲。
With ProLight laser harp you perform your PHOENIX⁴ LIVE laser show by the magic play with laser-generated harp strings. A specially adapted surface in PHOENIX⁴ gives you a competent overview to inspire your audience.

AKAI APC 40



AKAI APC40可以和PHOENIX⁴ LIVE完美对接。
Using the AKAI APC40, you will have a hardware controller which is perfectly matched to the functions of PHOENIX⁴ LIVE. Control and manipulate animations quickly and precisely on different lasers and react in a split second to tempo changes in music.

MIDI Controller



可以使用USB- MIDI 键盘或其他MIDI设备来控制⁴ LIVE。
You can also control the functions of PHOENIX⁴ LIVE easily and conveniently with your familiar USB MIDI keyboard or USB MIDI Controller. Due to the clear configuration , it is very quick to configure a USB keyboard or controller.

DMX Controller



你可以使用DMX-512来控制你的激光灯。
Extend your traditional lighting control and make it possible to access and manipulate laser animation. Use the 512-channel DMX protocol to assign the laser control functions to your DMX console.

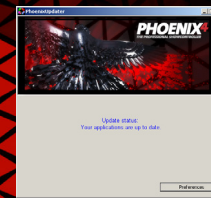
TouchScreen



你可以通过触摸屏来实时控制你的PHOENIX⁴ LIVE。
Take advantage of touch screen control to present your live show precisely and with great flexibility with PHOENIX⁴ LIVE. With touch optimized controls it is not necessary to re-learn the software.

Updates, Upgrade & Problemlösungen

Updates



当你打开PHOENIX⁴ 的时候，程序会自动检测是否需要更新，这个过程，需要连接。

Program updates for all PHOENIX⁴ products are introduced irregularly. The PHOENIX⁴ Updater automatically ensures that your products are always up to date - existing online connection assumed.

Upgrades

PHOENIX⁴ 允许你从一个低版本升级到更高的版本，你只需要把加密狗的序列号通过邮件形式发送给我们，并完成付款既可以完成升级过程

With PHOENIX⁴ you always have the possibility to upgrade to a higher version, or purchase a further program. You do not even need to send us your orange USB dongle license. After purchasing a license for another product we do the PHOENIX⁴ licensing for you via Email. Links to the PHOENIX⁴ Webshop and dealer area are on end of the page.

Problemlösungen / Troubleshooting

- 硬件列表中没有控制盒 (没有安装驱动或者没有连接).
The interface is not displayed at hardware check (no device).
- 检查你的电脑和控制盒的连接是否正常.
Check that all connections are made correctly from the PC to the interface (laser) and all connections are in place.
- 在设备管理器中查看设备是否已正确安装驱动
Check at the "Device control" if the driver is installed correctly for the interface (if applicable update driver - see section 5-9)
- 在hardware中能够找到控制盒并输出.
An interface appears at hardware check, but the software has no output.

PHOENIX⁴ LIVE:

- 在PHOENIX⁴菜单中打开打开PHOENIX⁴ LIVE
Open PHOENIX⁴ LIVE at the PHOENIX⁴ program launcher.
- 在设置菜单中打开打开 "Laser remap" 然后点击 "Automatic" 再点击 "ok"
Open the "laser remap" windows at the upper menu at "Settings> Laser Settings".
- Klicken Sie auf die Schaltfläche „Automatic“, unten rechts und schließen Sie das Fenster mit „OK“,
Click on the "Automatic" button at bottom right and close the window with "OK".

PHOENIX⁴ PRO:

- 在PHOENIX⁴菜单中打开打开PHOENIX⁴ PRO .
Open PHOENIX⁴ PRO at the PHOENIX⁴ program launcher.
- 在菜单中找到Projector下面的Remap Interfaces...
Open the "Remap interfaces ..." window at the top menu with "Projector> Remap interface ...".
- 然后点击 "Automatic" 再点击 "ok"
Click on the "Automatic" button at the bottom right and close the window with "OK".

PHOENIX⁴

THE PROFESSIONAL SHOWCONTROLLER

更多问题 ...?
More questions ...?

请登陆www.phoenix-live.cn你将可以获得更多关于PHOENIX⁴的最新资讯，包括视频教程，升级包，技术参数等。

Please visit our website at www.phoenix-showcontroller.de.

You will get further support, with helpful information and answers about all PHOENIX⁴ products.

You will also find our contact information, updates & downloads, intuitive video tutorials and our update newsletter.

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Packungsinhalt / Package content
套件清单

1x Phoenix Micro-USB Interface

1x 2m USB Cable

1x USB Dongle

1x Installations-CD PHOENIX⁴ Kit