Lasershow Designer

QS

QuickShow

Powerful • Affordable • Easy to use

Get instant
excitement
  with QuickShow

Since 1995, Pangolin's *Lasershow Designer* series has been the world standard for professional-quality laser shows. It is by far the most popular, most award-winning laser software in history.

Now, with QuickShow, Pangolin has reinvented laser software

In *QuickShow*, everything is new – from the powerful *Beyond* calculation engine at its core, to the radically simplified interface featuring QuickTools. The result is the easiest-to-use laser software available *anywhere*.

Software for any level of user

Whether you are new to lasers, or have years of experience, *QuickShow* adapts to your level.

You can do basic shows right out of the box. All you have to do is click on cues, or press keyboard keys, to display them in time to the music. *QuickShow* comes with nearly 2000 pre-loaded graphics, animations, beam effects and abstracts.

But there is far more power in *QuickShow* than simply triggering cues. The next level is the unique QuickTools, which are used to make custom cues such as auto-traced artwork, beam effects, and abstract shapes. For example, the QuickText tool (shown below) makes a variety of scrolling and waving text in easily-selectable fonts, colors and effects.

Finally, for the ultimate in customization, use AdvancedTools for professional-level features such as cue layering and sequencing, automatic beat triggering, timelines for syncing to pre-recorded music, triggering DMX channels, and controlling up to six projectors.

Advanced technology

QuickShow isn't just about a better user experience. It also has advanced technology such as the all-new *Beyond* calculation engine.

Beyond automatically takes care of scanner optimization and color mixing. In tests, *QuickShow* produced noticeably better image quality. One beta tester said "It made my scanners look new again!"

Guaranteed satisfaction from the world leader

Pangolin has the most customer-friendly policies. For example, software updates are always free, your satisfaction is fully guaranteed, and we don't force you to constantly use a USB "dongle" key to unlock your software.

These are among the many reasons that have made Pangolin's software #1 around the world. So, contact Pangolin or your lasershow dealer, and begin creating high-quality laser shows quickly, easily, and at an affordable price with *QuickShow*.

File Edit View Page Run Settings Help
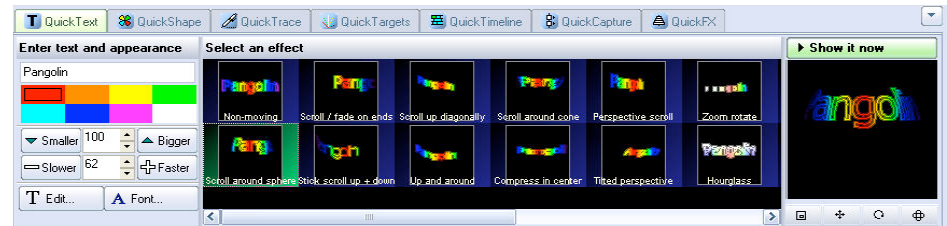
Select | Toggle | Restart | Flash | Transition | One cue | Multi cue | 120.0 BPM | Blackout | Pause | Enable Laser Output

| Graphics | Atmospherics | DMX | All Pages |

| Bckgrnds 2 | Bckgrnds 3 | Abstracts 1 | Abstracts 2 | Abstracts 3 | Logos | Text | Q-Clicks | Chains & Shows |
| Animals | People+Characters | Sports | Vehicles | Music+Dancers | Celebration | Themes 1 | Themes 2 | Misc. | Bckgrnds 1 |

Q Tom Tom	W Conga	E Guitar	R Drum Kit	T Sax Girl	Y Trumpet	U Sax	I Trombone	O Notes	P Up Bass
q 70's	w Can Can	e Ballroom	r	t	y Married	u Swing	i Dancers	o Dancer 4	p Glitter Girl
A Abstract 41	S Abstract 42	D Abstract 43	F Abstract 44	G Abstract Lines	H Abstract 56	J LD_Abstract	K Abstract Burst 1	L Abstract Burst 2	Abstract Burst 3
a Abstract Sym 2	s Cookie	d Amplitude	f Abstract Sym	g Abstract Waves	h Lightspeed Abs	j Three stars	k Five stars	l Amazing waves	Amazing square
Z P Logo	X Pangolin animal	C Liberate yourself	V Come fly with ...	B Time is passing	N Time count down	M Good-as-gold!	< Dolphin	> Rise up	? Olympic Skills
z Pangolin	x Best on Earth	c Fastest around	v Be a winner!	b Easy as cake	n Let's Dance!	m Superman	Skiier	3D Geo Sphere

QuickText | QuickShape | QuickTrace | QuickTargets | QuickTimeline | QuickCapture | QuickFX

Let's Dance!

Live Control | Effect

Size
Lock XY

Position and Rotation i
X
Y
Z
Reset position | Reset rotation

Color
Color
Norm.
Brightness: 100%
Visible points: 100%

FB3:17783 | FPS:71

# Here's an example of how QuickShow has tools for every level of user
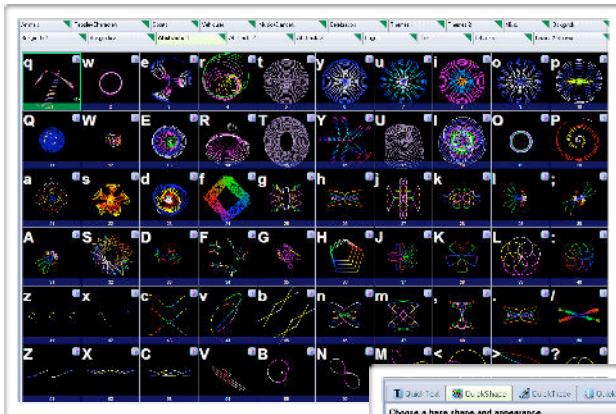
For an instant show, just click on cues

Let's say you want to display a preset psychedelic abstract design. Click the "Abstracts 1" tab on the main *QuickShow* screen. You'll see 60 cues; each one contains an abstract design.

As you move your mouse over the cues, the designs are animated on the computer screen. This lets you preview how they'll look on the laser projector.

To display the cue you want, simply click the mouse, or press the keyboard key that's in the upper left corner. Instantly, the selected cue is displayed. It couldn't be easier!
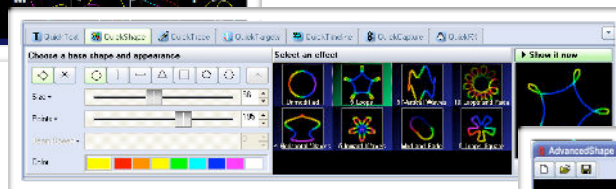

Create cues with QuickShape

The next level is to make your own custom cues. For abstracts, use the QuickShape tool, which lets you adjust the most important parameters such as size, points color, and speed.

For expert users, AdvancedShape gives complete control

AdvancedShape lets you add layers of modulators, oscillators, color cycling, and other effects. Apply as many layers as you want, to make mesmerizing spirograph-type images that are difficult or impossible in other laser systems.
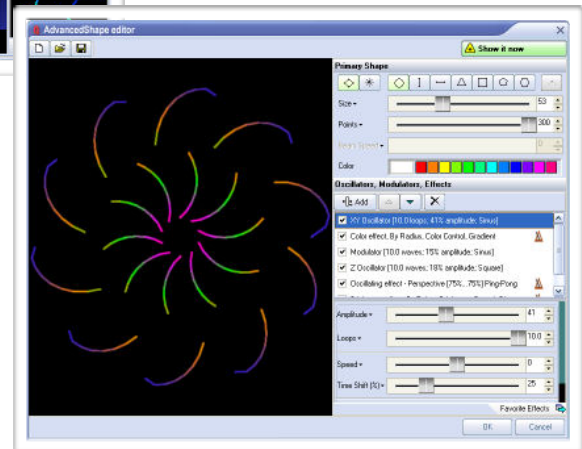
This beam effect is one of the nearly
2000 pre-loaded cues in QuickShow

Get shows done fast and easy, with advanced features like these...

Work in the background

With other laser systems, as you click cues and change controls, your work is updated live to the laser. The audience sees every move you make – even when you don't want them to.

QuickShow **is much smarter.** You can work in the background, setting up cues and trying out different looks. Nothing is sent to the laser until you click the "Show it now" button.

How background creation works

For example, let's say you are projecting a beer mug, and you want to add some scrolling text advertising a "Drink special".

Call up the QuickText tab and type in the words. Try out different looks and colors. You'll see the text scroll and animate on the computer screen; the audience continues to see only the beer mug.

When you are satisfied, click "Show it now".

Your desired text now scrolls across the screen. Thanks to background creation, it looks perfect as soon as it appears.

Control your shows using a variety of interfaces

Mouse
QuickShow can be run using just one hand, if you need your other hand free to adjust lights (or hold a drink!).

Keyboard
Press a key to switch cues on the beat of the music. There are 60 instant cues per screen (3 rows of 10 keys, each shifted or unshifted).

Touchscreen
QuickShow is specifically designed with large cues and controls, for fingertip use on touchscreen notebooks and monitors.

MIDI controller
Prefer to use a keyboard or other MIDI controller? You can map MIDI keys to cues and controls.

DMX console
Just like MIDI, you can map DMX channels to display cues and change controls.

No more worries about dongles

Some laser systems use old-fashioned USB keys or connector blocks as "dongles". These can be a nightmare. If you forget or misplace the dongle, the software won't run. That can ruin your day – or a show.

But *QuickShow* **is friendly and dongle-free.** You can run *QuickShow* with or without any hardware attached.

The only requirement is to authorize your computer one time, by plugging in the *Flashback 3* laser controller that comes with *QuickShow*. After that, you can work online with a *Flashback 3* and your laser projector attached, or offline with no other hardware needed.

Control up to six laser projectors
from one QuickShow system

Have complete confidence in choosing Pangolin

The best-selling system in the world

More people use our *Lasershow Designer 2000* than any other lasershow software on Earth. They chose Pangolin because it is powerful, affordable and easy-to-use.

It also means that it's easy to share frames with others, and buy clip art and entire shows that work great with *QuickShow*.

Updates are always free

We never charge for software updates. As we add improvements and features, just download the newest release from our website. You'll always have the latest version with the most up-to-date features – FREE!

90-day money-back guarantee

You can be sure that *QuickShow* is right for you and your laser projector. Just try it out for up to 90 days. If for any reason you are not satisfied, we will refund your purchase price.

The most awards for technology and show artistry

Pangolin is the lasershow industry technology leader. We have over 20 major ILDA and other awards for hardware and software achievement. This includes the ILDA Hardware Product of the Year award, won by the *Flashback 3* included with the *QuickShow* system.

Perhaps even more important, Pangolin users routinely produce top-quality award-winning shows. In fact, in the last decade, users of Pangolin's *LD2000* system have won over half of all ILDA artistic awards. That's more awards than users of all other lasershow systems combined!

LD2000 or QuickShow?

Which Pangolin system is best for you? Here is a quick guide:

The **Lasershow Designer** series is the world's best-selling laser light show software. Continuously developed since its introduction in 1989, the latest version, **LD2000**, is primarily designed for professionals who need the most advanced features available anywhere.

QuickShow is all-new software and hardware. The design goal was "quick": the ability to easily make a high-quality show. It's perfect for DJs, VJs, club owners, and others who aren't full-time laserists. As your experience increases, you can begin to use the more advanced features in *QuickShow*.

QuickShow provides capabilities to satisfy every level of user

Preset cues	Custom cues	Display cues	Modify cues	Make a show	Send to laser
Instant Show		Anyone can tap out a show to music			
Choose from nearly **2000 high-quality graphics, animations and beam effects**	→	**Click** the mouse or **press** a keyboard key to display the cue.	→	**Click or press** in time to the music	**Automatically displayed** on the laser
Custom Show		All of the above, *plus...*			
Load in additional graphics, animations and beam effects files. These can be purchased or traded from others.	**Use QuickTools to make custom cues:** • Type in text • Trace logos • Draw graphics • Make beam shapes • Target mirrors	**Multi-track:** Display one or more cues simultaneously	**Adjust a cue's** size, position, rotation angle, rotation speed, color, color cycling, scan speed and animation frame rate.	Click to **add cues to sequences.**	**Compensate for off-axis scanning** using keystone, rotation and other geometric correction controls
Intermediate Show		All of the above, *plus...*			
Copy and move cues (both presets and custom ones) to put all your favorites on a single page (bank).	**Use more advanced tools** to further refine your custom texts, logos, graphics, beam shapes and mirror targeting.	**Work in the background.** Keep current cues running on the laser, while you create and fine-tune new cues using the on-screen viewer.	**Modify all cues simultaneously.** Make the same modifications as above (size, position, etc.) to the entire output.	Have sequences be **manually triggered** (click mouse/press a key) or be **automatically triggered** by music beats.	**Target different zones** within the projector's scan area. For example, graphics go in the center, beams hit side mirrors.
Advanced Show		All of the above, *plus...*			
Make multiple pages of your favorite presets and custom cues. Assign function keys to instantly switch between pages.	**Create DMX cues,** so you can control lighting, special effects and any other DMX-compatible device from within *QuickShow.*	**Use MIDI or DMX devices**, such as keyboards and lighting consoles, to trigger cues.	**Apply custom effects to cues.** These change a cue over time, such as warping an image or scrolling a frame. Use preset effects or create your own.	Put cues and sequences into a **show timeline.** Sync to MP3 and other music files. Display multiple timelines simultaneously.	**Up to six different projectors:** If you have more than one projector, have different cues/shows running on different projectors.

QuickShow specifications

What you get
QuickShow software on CD-ROM
Nearly 2000 pre-loaded cues
Instruction manual
Flashback 3 interface box (at right):
4.2 x 2.8 x 1.3 in (110 x 71 x 33 mm)

No dongles!
Never worry about forgetting or losing a dongle. You can work on, and display, shows without needing a dongle.

Cues
Nearly 2000 graphics, animations, beam effects and abstracts are included.

Abstract frames
Make planetarium-style abstract shapes, such as flowers or spirograph geometric figures.

Live controls
For a cue or the entire display, adjust size, position, rotation angle, rotation speed, color, color cycling, scan speed and animation rate.

QuickTools for creation and editing
QuickText, QuickShape, QuickTrace, QuickTargets, QuickTimeline, QuickDMX

Display methods
Single cue, multi-track cue, sequence cues, timeline show programming.

Display timing
Manual (mouse/keyboard), automatic to beat (BPM), autorun for sequences and timeline.

BPM methods
Timed, audio beat detect, manual.

Preview
On-screen preview of all graphics and beams using Windows *OpenGL.*

Background work mode
Create/edit cues on-screen without affecting laser output. Only show your cues when you are done. The audience never sees your background work.

Autotrace bitmaps
Import GIF, JPG, BMP files and convert instantly to laser. Outline and centerline tracing modes.

Control DMX devices
Set up to 512 DMX channels per cue. Unlimited number of cues or "looks".

Custom effects
Apply one or more effects to a cue, a sequence or a timeline event. Effects include colors (preset and changing), pulse/flash/strobe, trace, chop, ripple, mirror, double, scroll, rock, throb, zoom and bounce.

Projector correction and zones
Full geometric correction for off-axis scanning. HIt multiple screens from one projector, using projection zones (cues are positioned and scaled to appear in part of the scan area).

Hardware requirements

Computer requirements
PC notebook or desktop
Dual-core processor such as Intel Centrino Duo, Core 2 Duo, or AMD equivalent
Operating system: Windows XP, Vista or 7
At least one available USB port

Optional devices
- **Touchscreen** *QuickShow* is designed so it can be used with a touchscreen notebook or monitor
- **MIDI controller** Trigger cues using MIDI devices such as keyboards. A MIDI interface may be required to connect to computer's USB port.
- **DMX interface** Required for DMX input (a console triggers *QuickShow* cues) and for DMX output (*QuickShow* cues trigger external devices such as lights and foggers). Contact Pangolin for recommended/tested models.

Projector requirements
A lasershow projector with ILDA-standard input connector
Any speed scanners, from 10K to 60K+
Any color, from single-color to full-color RGB

Optional control for up to 6 projectors
The *QuickShow* system comes with one Pangolin *Flashback 3* laser controller. This connects between your PC computer's USB port, and your laser projector's ILDA input.

To control additional projectors, you can add up to five more *Flashback 3* laser controllers.

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Other quality products from Pangolin

Lasershow Designer 2000: Laser software for full-time professionals
LivePRO: Advanced live performance laser software for LD2000 and FB3
QM2000.NET: Control projectors over wired or wireless Internet connections
Lasershow Converter MAX/4D/FLASH: Convert 3D & 2D graphics into lasers
PASS: Professional audience-scanning safety system -- meets strict U.S. rules
Lasershow Performer console: Custom-designed console for LD2000 & LivePRO
Discoscan: Wide-angle lens systems to scan up to 360 degrees by 180 degrees
SMS text messaging: Advanced video or laser display of SMS text conversations
LASORB: Electronic component that prevents electrostatic damage to laser diodes