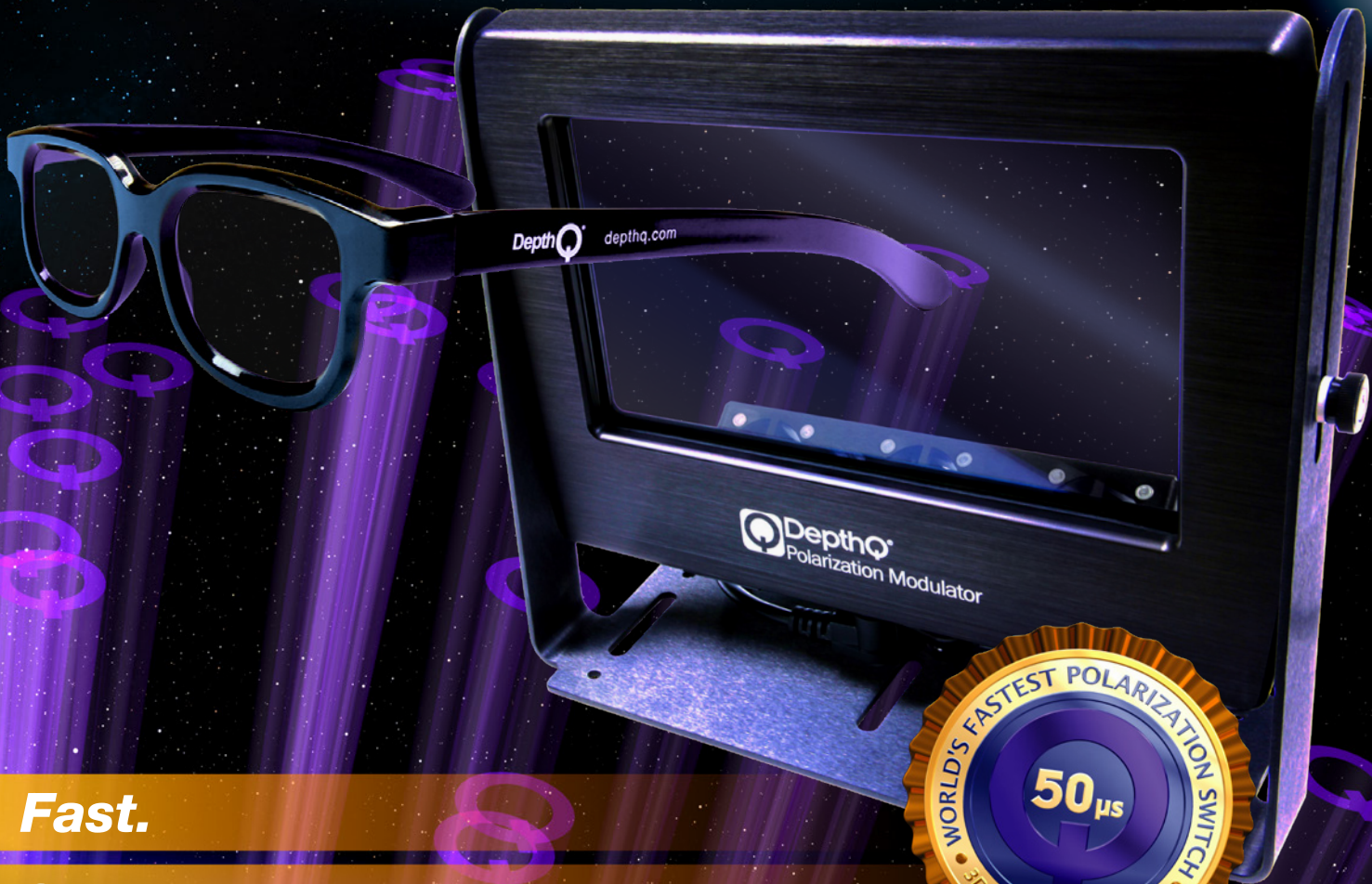




DepthQ®

3D

PASSIVE POLARIZATION FOR 3D PROJECTORS



Fast.

Stunning.

Future-Proof.



DepthQ®

by Lightspeed Design, Inc.

For more information please call +1.206.784.1385

www.depthq.com



Polarization Modulators for Advanced 3D Visualization

DepthQ®



Details

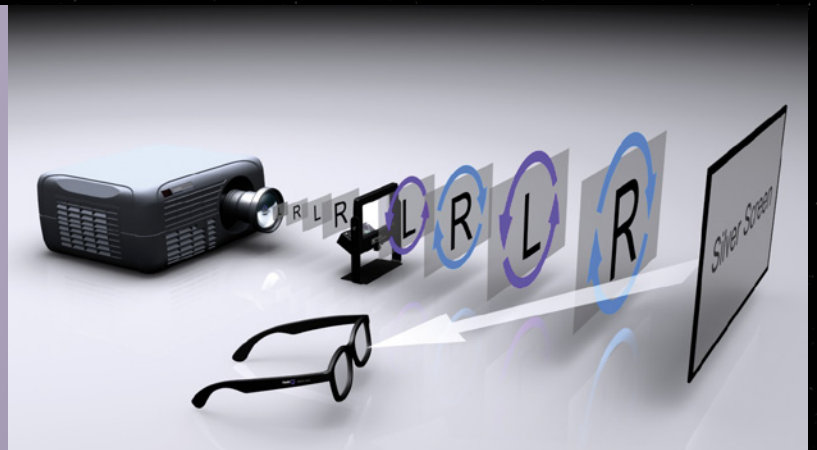
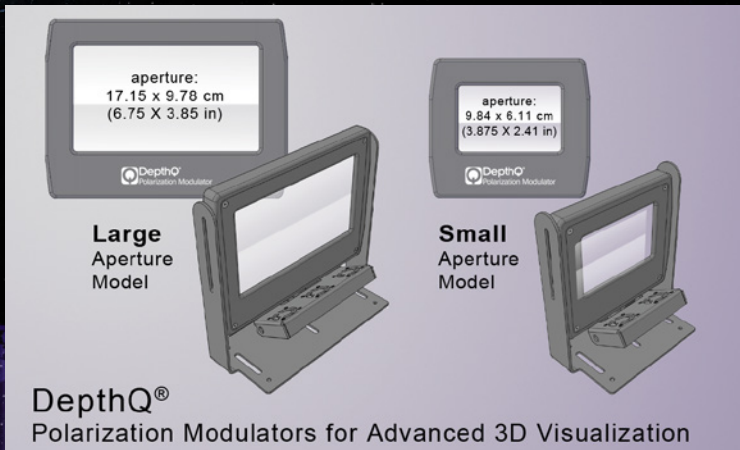


Newly patented* technology makes DepthQ® the world's fastest polarization switch for advanced 3D visualization. With a powered, symmetrical **50 microsecond** switching time between the eyes, DepthQ® easily ensures bright, low-crosstalk operation - even at 3D HFR (high frame rate) targets of **192 FPS, 240 FPS...and beyond**.

When combined with a silver screen, the DepthQ® Polarization Modulator allows your 3D-ready projector to display stunning stereoscopic 3D content, viewable using inexpensive passive circular or linear^A polarized glasses. Paired with projectors up to 30K Lumens, DepthQ® provides a spectacular 3D experience for screens up to 17.7m (58ft).

- ✓ Bright, low-ghost 3D
- ✓ Two sizes available, Large and Small
- ✓ Heat-tolerant, Large model accepts up to 34K Lumens, Small accepts up to 4K Lumens
- ✓ Supports 3D screen sizes from ~2 to 18.3 m (6 to 60 ft)
- ✓ Solid-state switch, low cost/maintenance
- ✓ Works with all DLP 3D-ready projectors
- ✓ Compatible w/standard circular polarized 3D glasses
- ✓ Linear models are also available for special order ^Δ

DepthQ® is compatible with all DLP 3D-ready projectors. Simply connect via the sync output on your projector or your computer.



*LC-Tec Displays AB U.S. Patent Number 8023052 B1, issued Sept. 2011

DepthQ® circularly polarizes left and right eye views in sync with your 3D-ready digital projector

Specifications

DepthQ® Polarization Modulators for Advanced 3D Visualization

Large Aperture	17.15 x 9.78 cm (6.75 x 3.85 in)
Small Aperture	9.84 x 6.11 cm (3.875 x 2.41 in)
Contrast/Ghost	>100 : 1 in each eye
Efficiency	~15% Full System Efficiency
Screen Size	Based on your projector brightness, from ~2 to 18.3 m (6 to 60 ft)
Switching Time	50 μ sec (symmetrical)** ^Δ
Operating Speed	120, 144, 192, 240 Frames Per Second (FPS) - Up to 400 FPS
Heat Protection	Metallic Pre-Polarizer (on Large model)
Operating Temp	+5 to 52 deg C (40 to 125 deg F)
Actuator	(Optional) Two-position for 2D to 3D switching

The DepthQ® Polarization Modulator is co-developed by **Lightspeed Design, Inc** and LC-Tec Displays AB.

The two companies have over 25 years of experience in their respective fields of stereoscopic design and liquid crystal manufacturing and development.

Distributed exclusively by:



DepthQ®
 by **Lightspeed Design, Inc.**
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**50 μ sec is actually faster than the smallest adjustable dark intervals currently available in professional 3D digital projectors.

^ASwitching time of linear models is approximately 1 ms.