



Stereo 3D Converters

a new dimension to 3D technology



xpo.1 | xpo.2
(active to passive)

Active to passive stereo 3D converters

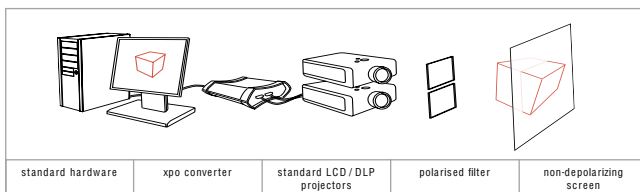
The xpo 'Stereo 3D Converters' enable high-end stereoscopic 3D visualization using standard LCD and DLP projectors and regular PC workstations. Thereby, providing a more flexible solution with higher quality visualization at a fraction of the cost. The CYVIZ xpo series are the smallest and most versatile stereo 3D converters on the market today.

The xpo 'Stereo 3D Converters' provide higher quality visualization by utilizing the latest LCD and DLP projectors to display passive stereoscopic 3D. Because LCD and DLP projectors are designed specifically for digital data and video, they render the digital computer image sharper and more accurate than any existing active CRT solution. The flexibility of xpo.1 and xpo.2 allows for seamless edgeblending in stereo 3D. Easy-to-use control software is included at no cost.

The xpo 'Stereo 3D Converters' are exceedingly flexible since they work independently of both source and projectors. Consequently, they are compatible with the standard stereo signal output of any computer and can be applied with any projector type regardless of brand. Moreover, the xpo 'Stereo 3D Converters' can be combined with existing active CRT solutions since they use the same signal.

Further possible areas of usage are Head Mounted Displays, Side-by-Side Projector Installations ("Powerwalls"), front and rear projection with screen sizes up to 500", and portable 3D solutions.

Supports quad buffered OpenGL stereo



Functions

- RS-232 control
- Supports control of up to 255 converters from the same RS-232 port
- Single mode (sets one of the output channels in black)
- Manual control of stereo sync
- Programmable custom modes
- OSD-menu
- Digital soft edge blending

Compatibility

- HV (separate sync), CS (composite sync), SOG (sync on green)
- PC, SUN, SGI, HP, and other workstations with frame sequential stereo signal
- Vertical Scan: 60 - 120 Hz
- Horizontal scan: 15-110 KHz

Inputs

- Power 15 - 25 VDC, 20W
- VGA 15-pin DSUB female
- 3-pin mini DIN stereo sync connector
- RJ45 port with RS232 and RS485 control
- RJ45 chain RS485 control

Outputs

- 2 x VGA 15-pin DSUB female, left and right channel
- 2 x digital DVI, left and right channel

Supplied material

- Power adapter 100 / 240 VAC -19 VDC 2,36A
- RGB computer cable (15 pin DSUB male / male)
- Serial RS-232 cable, RJ45 to 9-pin DSUB female
- 10 pair of polarized glasses
- 1 pair of polarized filters (75 x 75 mm)
- Filter stand
- User guide

xpo.1 and xpo.2

Dimensions

Size: (67 x 212 x 242) mm

Weight: approx. 1,5 kg

Resolutions

xpo.1:

- 640 x 480 to 1024 x 768

xpo.2:

- 640 x 480 to 1280 x 1024

