

Into the Third Dimension with ELSA

With your new *ELSA GLoria* graphics board and ELSA shutter glasses, you are now able to experience true stereo 3D spatial sensations. Now you can turn and twist it any way you wish. Achieve a realistic impression of your construction models, polish your design, check functions virtually, or invite your partners and your clients to join you for a virtual walk through the building you have just designed. Thanks to your *ELSA GLoria-XXL* (or *GLoria-XL*), ELSA 3D glasses and suitable software, you have the right tools to create an authentic picture of your work results.

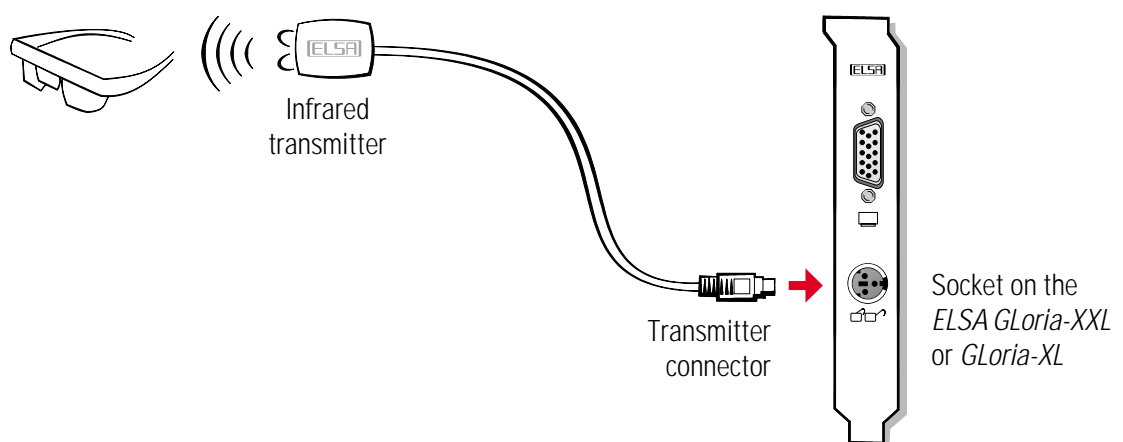
Connecting and operating the ELSA 3D shutter glasses is simple. Here are the few points you'll need to follow.

Hardware and software requirements

- An *ELSA GLoria-XXL* or *GLoria-XL* with ELSA graphics driver for Windows NT 4.0 installed.
- One or more sets of the ELSA 3D shutter glasses
- A monitor capable of a refresh rate of at least 100Hz at the desired resolution.
- An application that supports the stereo function.

Connecting the glasses

Connect the infrared transmitter plug to the 3D shutter glasses socket on your ELSA graphics board. Fasten the transmitter on to your monitor with the enclosed Velcro fastening strip, to ensure a direct connection between glasses and transmitter.




Activating the stereo mode

The next step is to activate the stereo mode. Proceed as follows:

- ①  ► **Settings** ► **Control Panel** ► **Display** ► **Settings**

Set your screen area resolution to a maximum of 1152x864 in TrueColor or 1920x1080 in HighColor.

- ②  ► **Settings** ► **Control Panel** ► **Display** ►  **AppSet**

In the list of applications within  AppSet you can, depending on the version, immediately select an existing stereo setting. If this is not the case, you can create a stereo setting for your application:

- Select the default setting or the name of your application, click on **Add**, assign a name for the new setting and activate the 'Stereo Modes' button.
- Confirm with **OK** and start Windows NT again.

The stereo modes are now available to you. For ergonomic reasons, you should define a refresh rate between 120 and 140 Hz.

Testing the operation of the glasses

Once you have connected the glasses, you should check that they are operating properly. On the enclosed *3D STEREOware* CD, you will find the following applications for trying out your glasses on your Windows NT system:

- \STEREOGL\STEREOSAMPLE.EXE
- \IMAGES\OGLSTEREOVIEW.EXE
- \STEREOSCREENSAVER\SSPIPES.SCR

Use the STEREOSAMPLE application for a quick check to see if 3D stereo is enabled. The OGLSTEREOVIEW program gives you an impressive demonstration of stereo capabilities. Just double-click on the file name to start the applications directly from their directories. If the AutoRun function is enabled on your CD-ROM drive, OGLSTEREOVIEW will start automatically.

To install the screen saver, click the right mouse button on the file 'SSPIPES.SCR'. You will see an 'install' entry in the shortcut menu. Select this entry to enable the screen saver in Windows NT.

ELSA 3D for AutoCAD and 3D Studio MAX/VIZ

If you use AutoCAD or 3D Studio MAX, you will find the *ELSAview 3D* for AutoCAD R14 program, and a special ELSA driver for 3D Studio MAX/VIZ on the *WINNERware* CD. This software allows you to activate the stereo effect for your application. For more information about these drivers, please refer to the User Manual.