



3D adds the missing dimension to many performances, and Delta™ Media Server has a long track record as a source of high quality 3D Stereo playback in 3D / 4D Theatres, large scale 3D domes and virtual reality installations.

There are many 3D technologies available, varying according to the budget and performance requirement. For example, typical 3D theatres will employ either Passive Stereo (one projector for each eye, cheap polarised glasses) or Active Stereo (one projector showing each eye sequentially and shutter glasses). Additionally, Red/Blue Anaglyph is a traditional low cost 3D technique and we now have enhanced ColorCode™ Anaglyph which can be viewed on any display device with inexpensive glasses.

Delta Media Server supports all of these formats, and has been installed in high-end 3D domes and 3D / 4D theatres throughout the world since 2006.

### 3D Stereo Features

Delta incorporates many benefits for 3D Stereo:

- Passive and Active Stereo 3D Modes
- Realtime Anaglyph creation
- Realtime ColorCode creation
- Stereo Synchronisation via 3Pin DIN or Blue line
- Multiple graphics outputs for Stereo:



Other Delta Servers

- Delta's 250 layers can create varying levels of artificial stereo for mono content with control over eye separation.
- Stereo can be configured for flat screens, curved multi channel screens or multi channel projection within full domes
- 4D theatres use our timeline's serial events to trigger external devices

### Delta Features

Standard Delta includes:

- Uncompressed Movie Playback
- HD, 4k and Beyond media resolution
- Mixed Media (Movies, Images, Audio, Effects)
- Realtime Warp & Blend
- Multiple layers with effects
- Overlap and Underlap creation
- Multiple graphics outputs per server
- Multi-rack synchronisation
- Full External Control / API

Options include:

Active and Passive stereo 3D output  
- Polarised, Shutter Glasses, ColorCode, Anaglyph

Live Video inputs  
- sVideo, VGA, DVI, HDMI, HDSDI

High Bit Depth  
- Dual Input for JVC, DPI, Christie, Barco

Full Dome Delta Mode  
- 3D media and virtual projector placement

Encrypted Movies  
- Time & venue limited movie playback