

COSM Example:

***Install COSM:**

<http://www.allosphere.ucsb.edu/cosm/>

Download here:

<http://www.allosphere.ucsb.edu/cosm/cosm.scratch.osx.zip>

- How to install

MANUAL INSTALLATION INSTRUCTIONS

Unzip the downloaded archive and copy the following files from the manual install to the Max5 folder on your system, then restart Max.

- cosm_startup -> Cycling '74/max-startup
- cosm_templates -> Cycling '74/patches/templates
- cosm_externals -> Cycling '74/max-externals, or any location in Max's search path
- cosm_abstractions -> Cycling '74/max-externals, or any location in Max's search path
- cosm_help -> Cycling '74/max-help, or any location in Max's search path
- cosm_examples -> Cycling '74/examples, or any location of your choice

TripleHeadToGo:

- Plug the usb into your computer
- Plug the display Port or thunderbolt adapter into your computer



-Make sure that the projectors are plugged into #1 and #2 of the Display Port to HDMI adapters.

* - On your computer make sure that display mirroring is turned off.

Projectors:

-Turn on projectors

-On the projector remote push the "3D" button (bottom right)





-The 3D menu will appear, the settings should be as follows:

3D Mode - Vesa 3D

3D Format - Frame Sequential

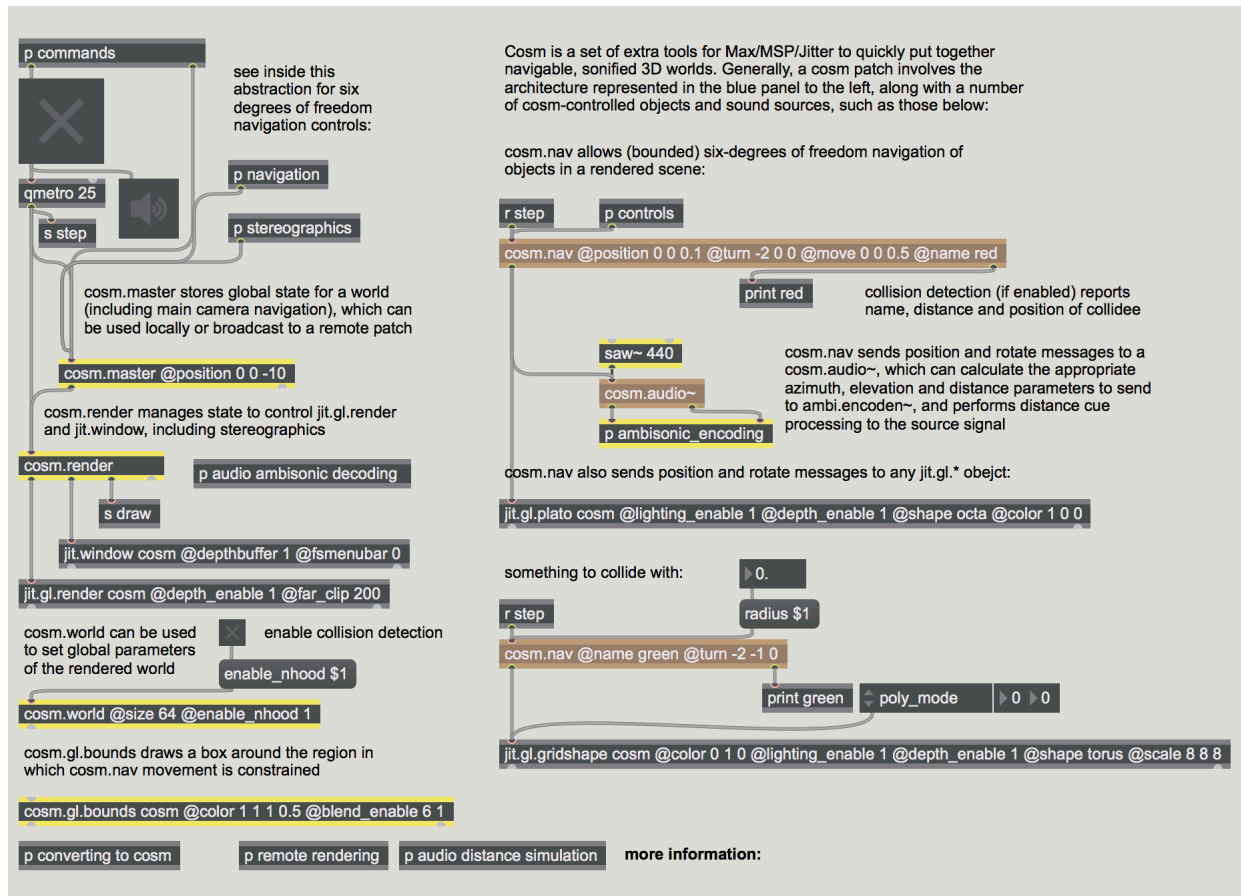
3D -> 2D - 3D

3D Sync. Invert - Off

- The menu should look like this when finished

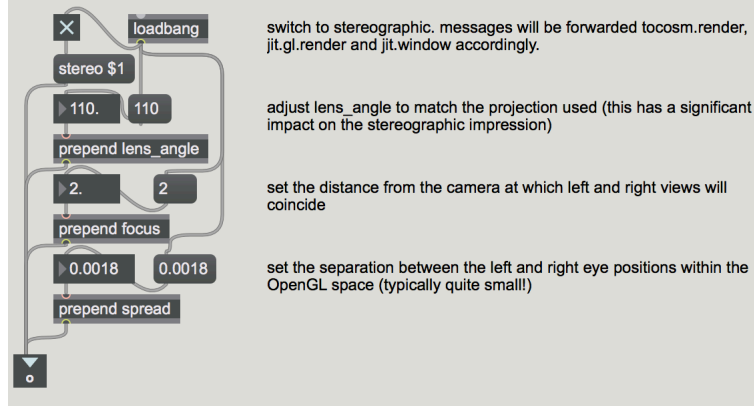


Max Patch:
- Launch *TransLAB_COSM_StereoExample.maxpat*



- Under "stereographics" You will want to make sure the "toggle" is clicked to turn stereo on.

cosm supports active stereographic rendering (so long as your graphics hardware does...)



- These settings are preset to work well but you may need to adjust them.
- Adjust lens_angle to match the projection used (this has a significant impact on the stereographic impression)
- Set the distance from the camera at which left and right views will coincide
- Set the separation between the left and right eye positions within the OpenGL space (typically quite small!)

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- Drag the "cosm" window over two the projector displays.
- Press 'ESC' to full screen

Sync Dongle:



- The sync lights will be red and scanning motion will be evident when a stereo signal is not being detected.
- Once a stereo signal is detected the lights will turn blue

3D Glasses:



- Take a pair of the glass and turn them on by pressing the button on the underneath of the right side.
- you should now be able to see in 3D