

VISLAB2

Cheat sheet/FAQ

21/08/15 V1.8

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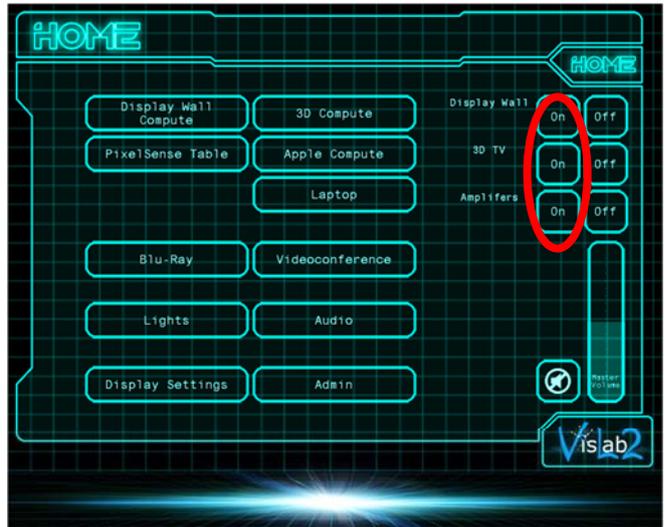
How do I turn on the lights?

When you enter VisLab12, light switches are found on the right of the door. All buttons apart from "Off" turns on the lights.



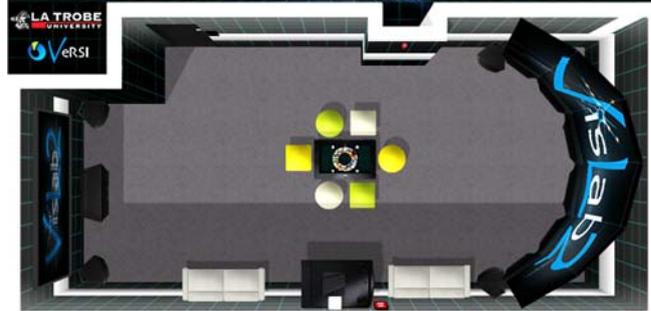
How do I turn things on?

On the iPad, press the "On" buttons.



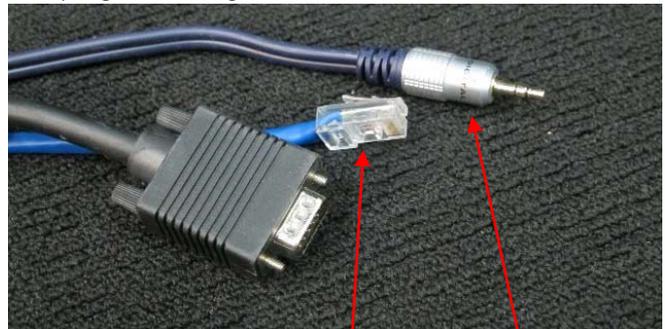
Where do I find the iPad?

The iPad is kept beside the Rack on a charger. The iPad is used to control all the equipment in the room. Please ensure it is placed back on the charger when you have finished.



How do I plug in my laptop?

In order to show your laptop on the screen you must first plug it in using the cables shown below:



Video

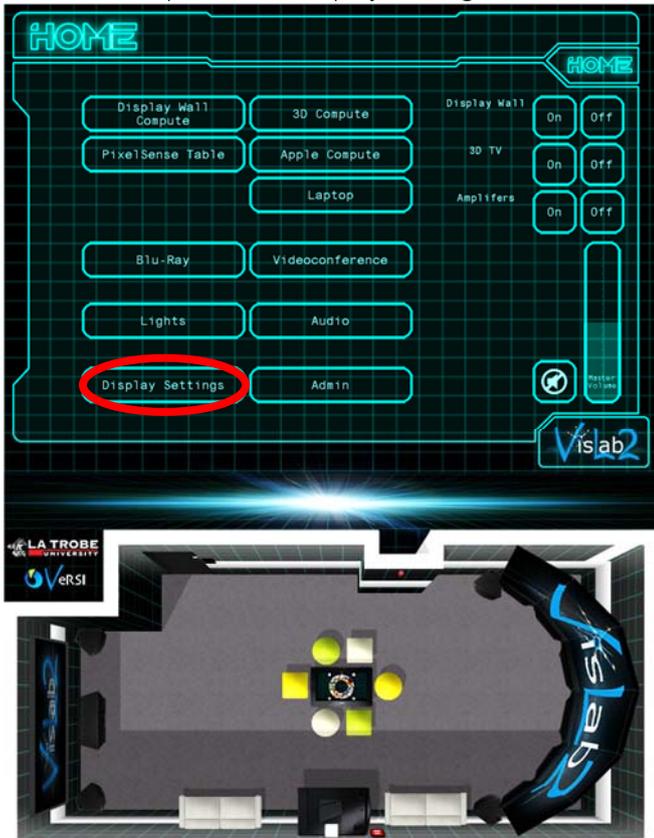
Network

Audio

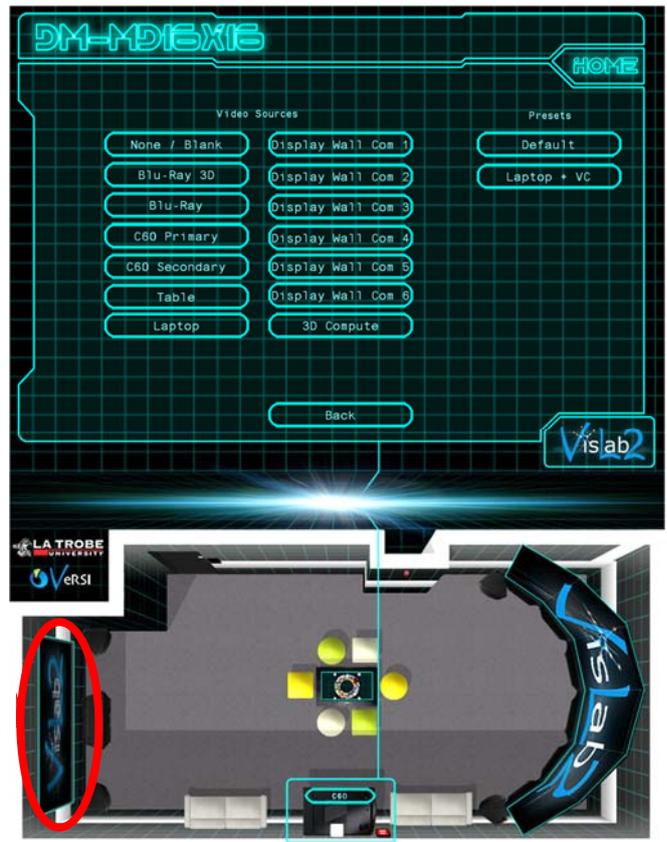
You may also need to configure your laptop to use an external output. Please refer to your laptops user guide on how to enable its external display.

How do I display my laptop, Blu-ray, video conferencing or VisLab2 Workstations on the 3D TV?

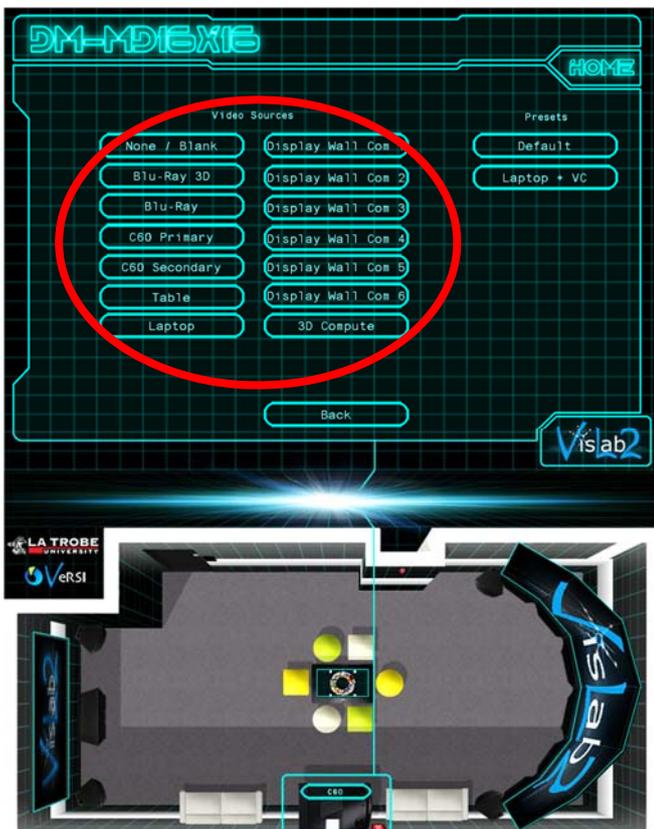
On the iPad, press the "Display Settings" button.



Then press the 3D TV picture



On the iPad, press select what you want to display

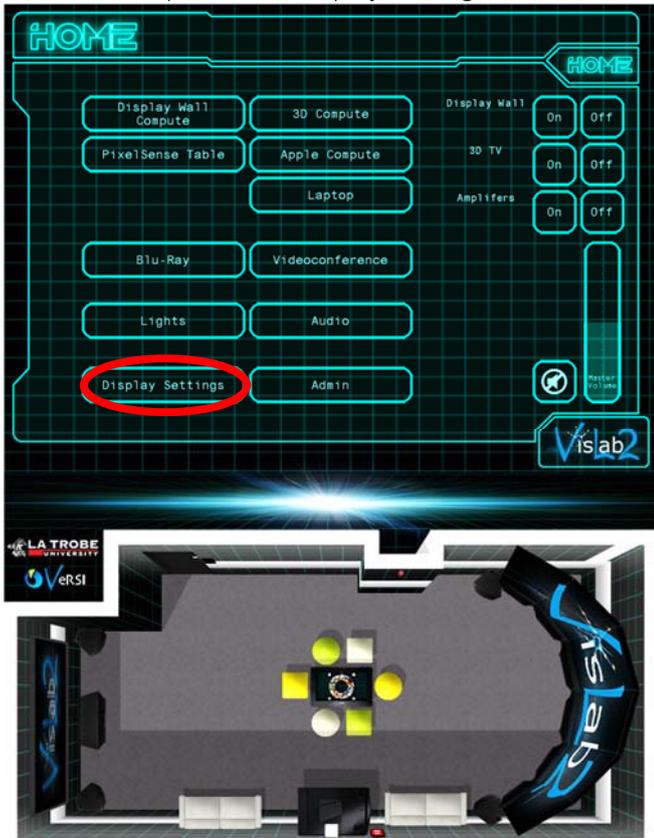


How do I use the keyboard and mouse for the 3DTV & the Viswall?

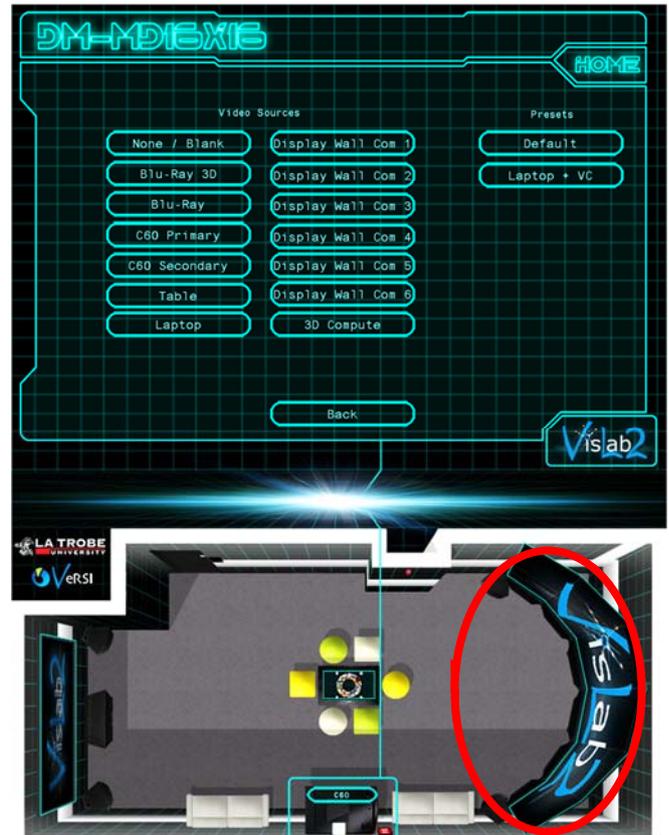
There is a switch underneath each keyboard & mouse, turn this ON before use & OFF when you have finished (Individually labelled keyboard & mouse are available for both the 3DTV and the Viswall).

How do I show my laptop, Blu-ray, video conferencing or VisLab2 Workstations on the Display Wall?

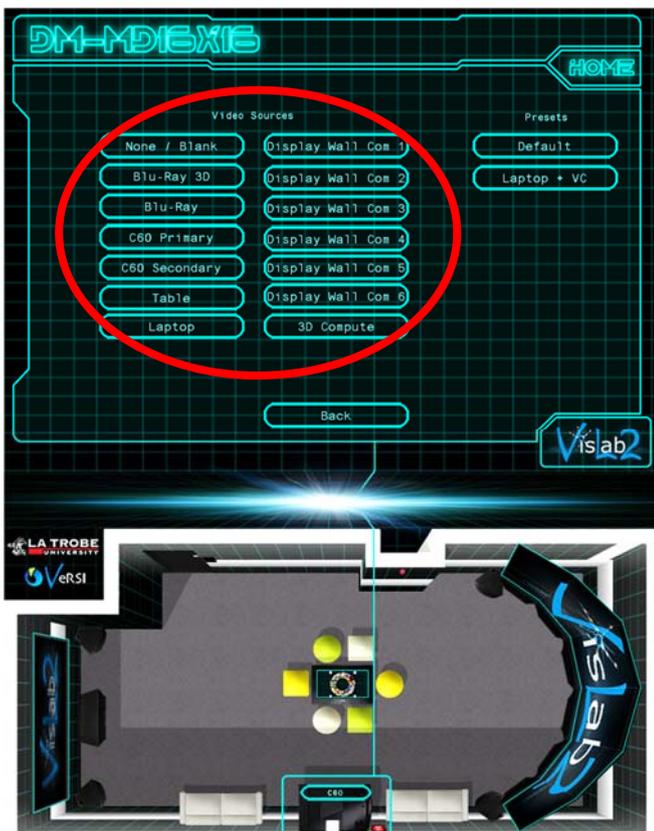
On the iPad, press the "Display Settings" button.



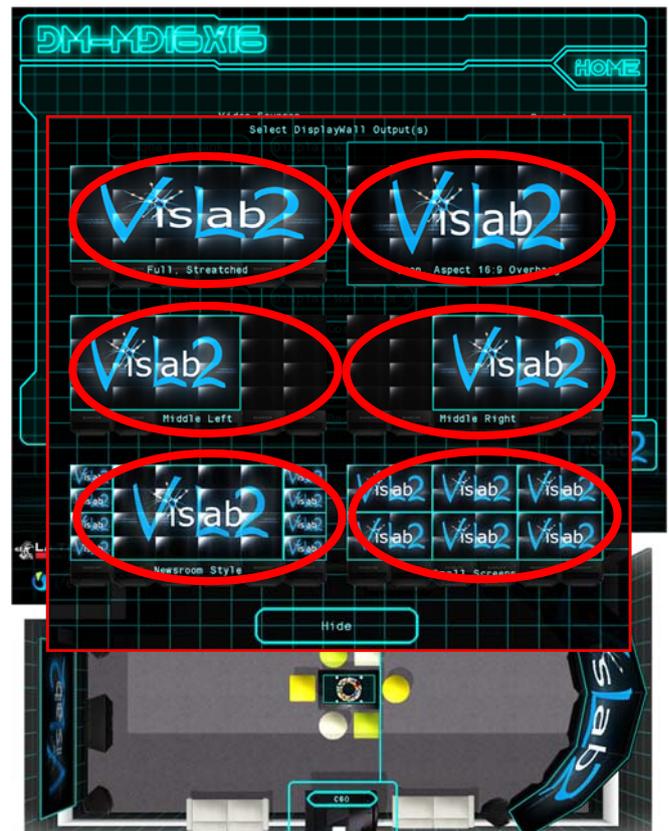
Then press the Display Wall picture to display the display wall layout window.



On the iPad, press select what you want to display

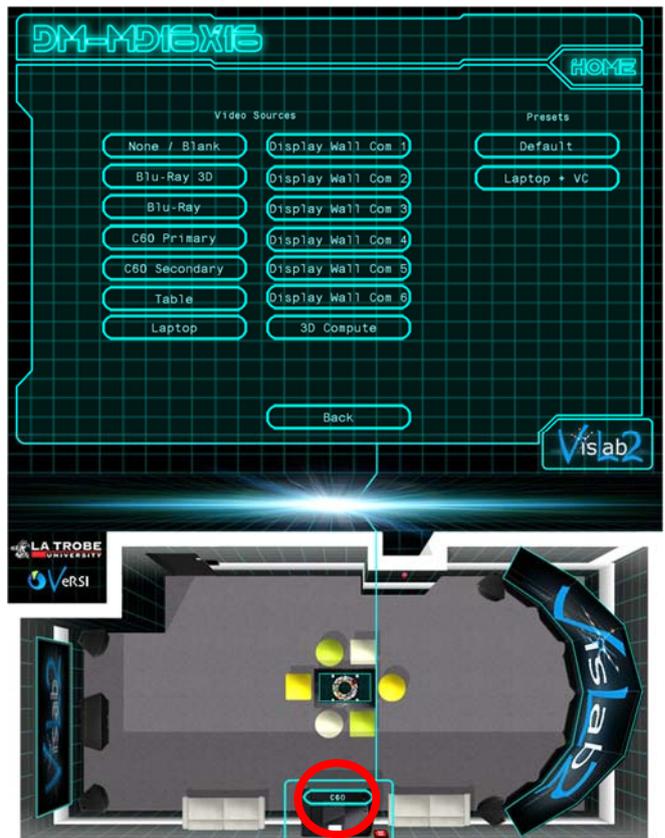
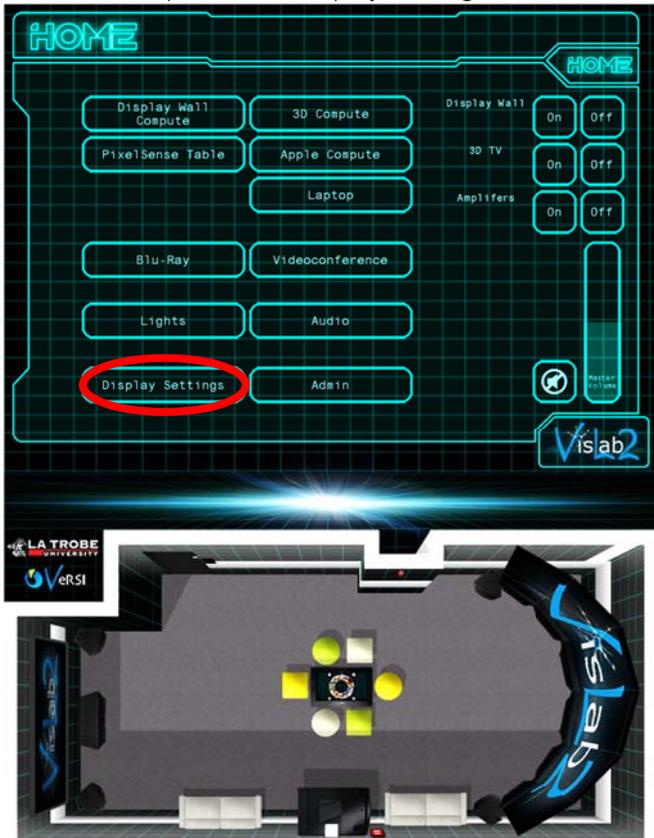


Then select where on the Display Wall you want to display to. Please note there are many different layouts available to best achieve your desired result.



How do I display my laptop, Blu-ray, or VisLab2 Workstations on the video conferencing unit (C60)?

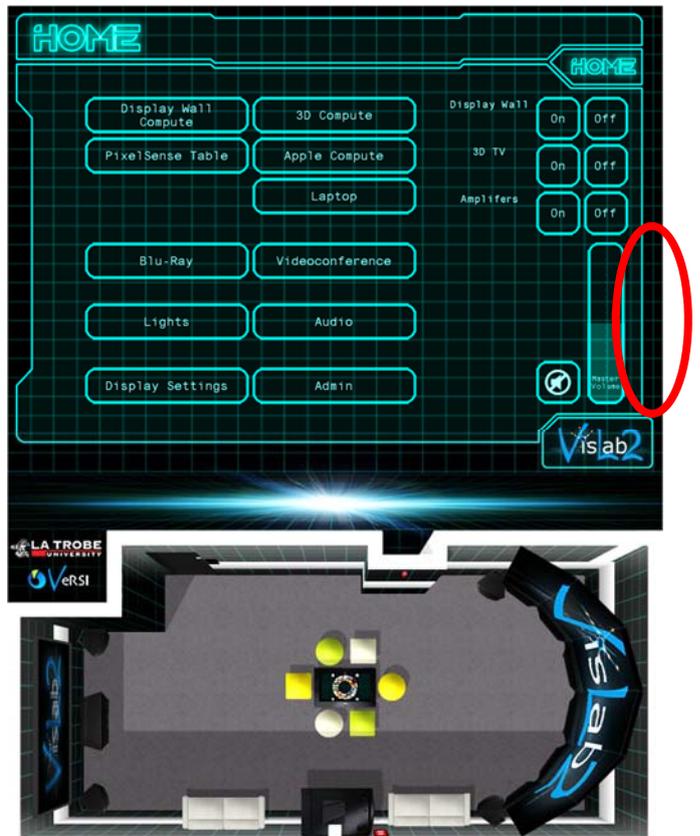
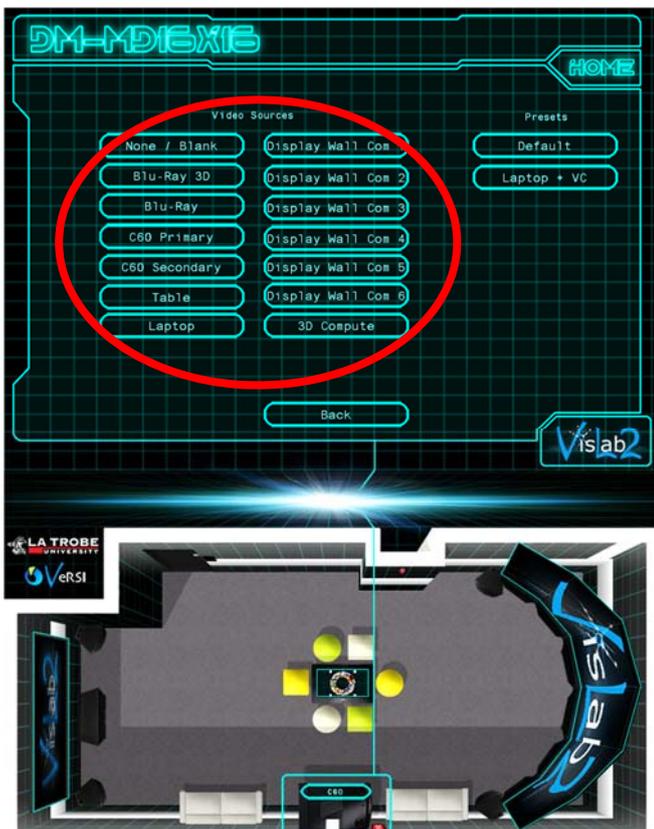
On the iPad, press the "Display Settings" button.



How do I adjust the volume?

On the iPad, move the slider labelled "Master Volume".

On the iPad, press select what you want to display



Then press the C60 picture

I am able to see VisLab2's Workstations, but how do I use it? Then fill in the form. You can connect to a "project" or "user home" areas. Then press Connect

VisLab2 has two Dell Workstations. One is for the 3DTV and the other is for the Display Wall. The workstations are standard Dell workstation PCs running Windows 8 that have been optimised for best use with large screens that are in VisLab2.

If you would like to use software that is not installed, please contact the Office of Research Infrastructure to get the software installed.

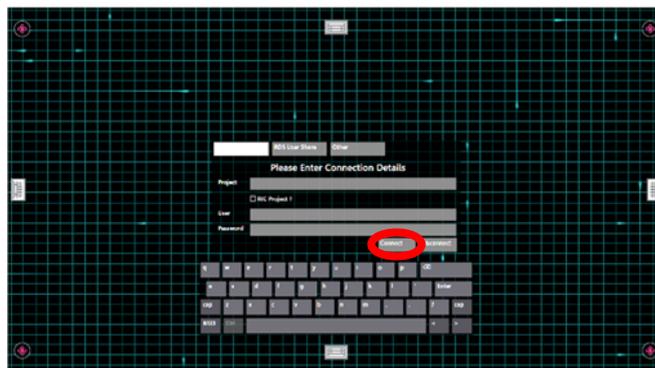
To interface with it, use the supplied wireless keyboard/mouse. The left side of this device is a keyboard. On the right is a touch pad mouse, similar to one you would find on a laptop.



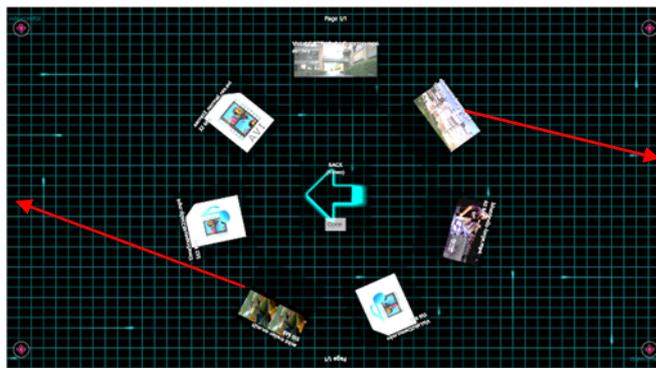
Please double check the (yellow) label on the keyboard, the display wall keyboard is used on the display wall and the 3D TV keyboard is used on the 3D TV.

How do I get to my data?

To connect to La Trobe's Research Data File Store (RDFS), Open the "VisLab2 Storage" app on the touch table from the middle of the room.



To browse your data, launch the "VisLab2 File Launcher" app and you will see your files.



To open your file on the Display Wall, simply flick the file to the edge of the touch table in the direction of the Display Wall. To open your file on the 3D TV, simply flick the file to the edge of the touch table in the direction of the 3D TV.

How do I switch the 3DTV between 2D and 3D?

There are two ways to do this, one using voice and the other on the iPad.

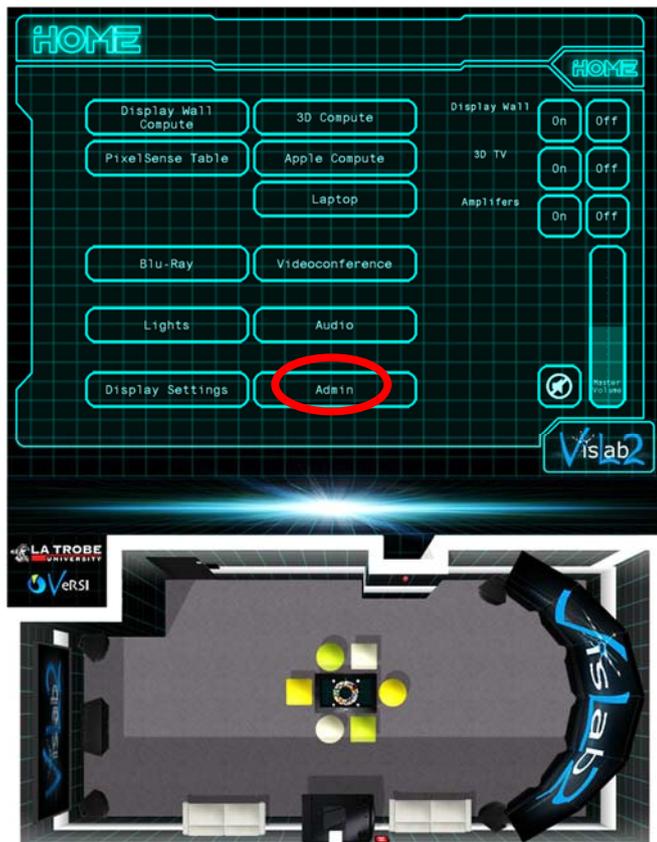
Using voice:

Stand in front of the 3D TV and say:
 "Computer, turn 3D Mode on" for 3D
 and
 "Computer, turn 3D mode off" for 2D.

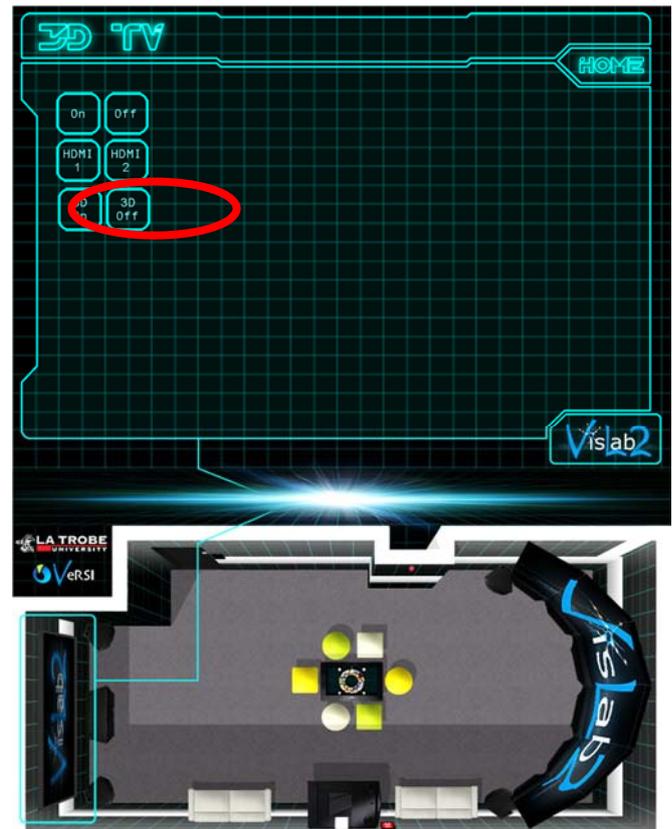


Using the iPad:

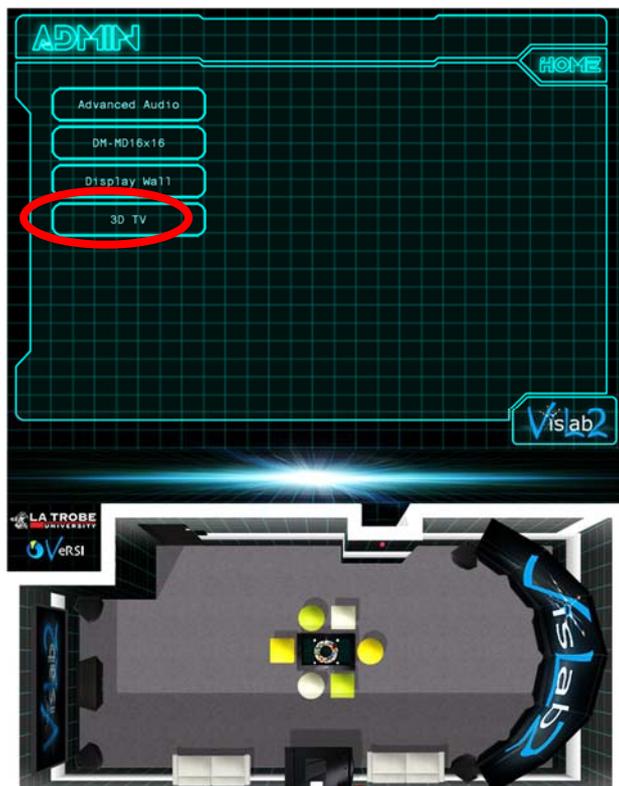
On the home page, press "Admin"



Then press "3D On" or "3D Off"



Then press "3D TV"

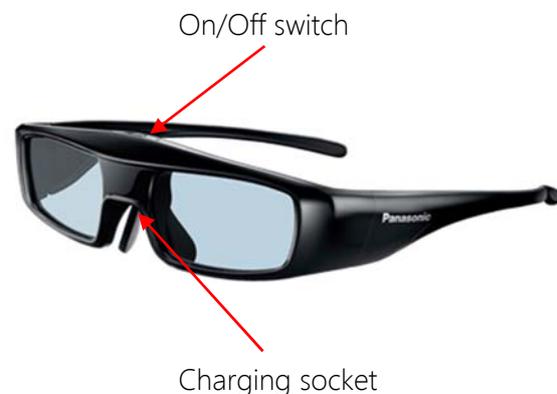


How do I use the 3D glasses?

The 3D glasses only work on the 3D TV. The 3D TV must be in 3D mode and the content must be in 3D.

To turn on/off the glasses use the on/off switch on the top of the glasses.

Once you are finished with the glasses, please plug them back in to the charger.

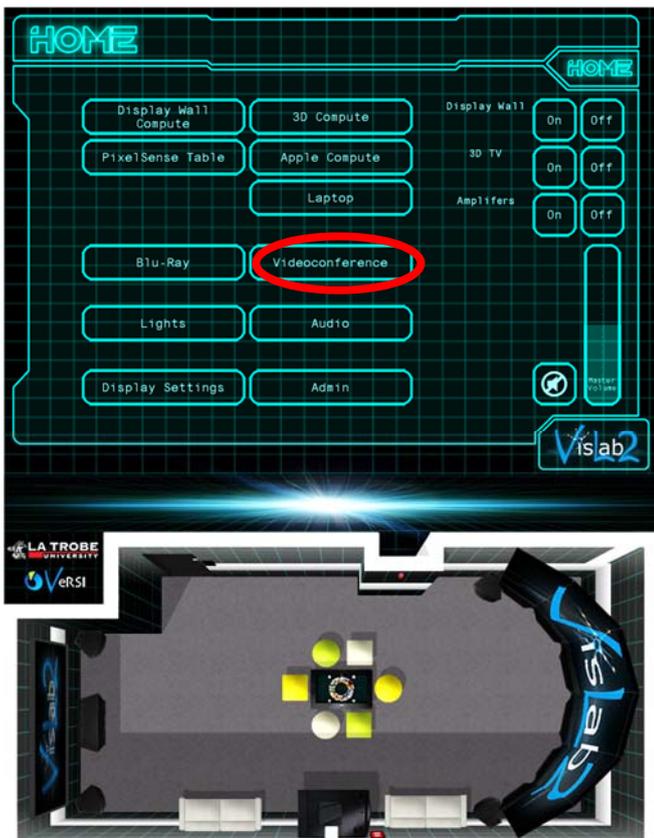


HD Video conferencing? How do I call someone?

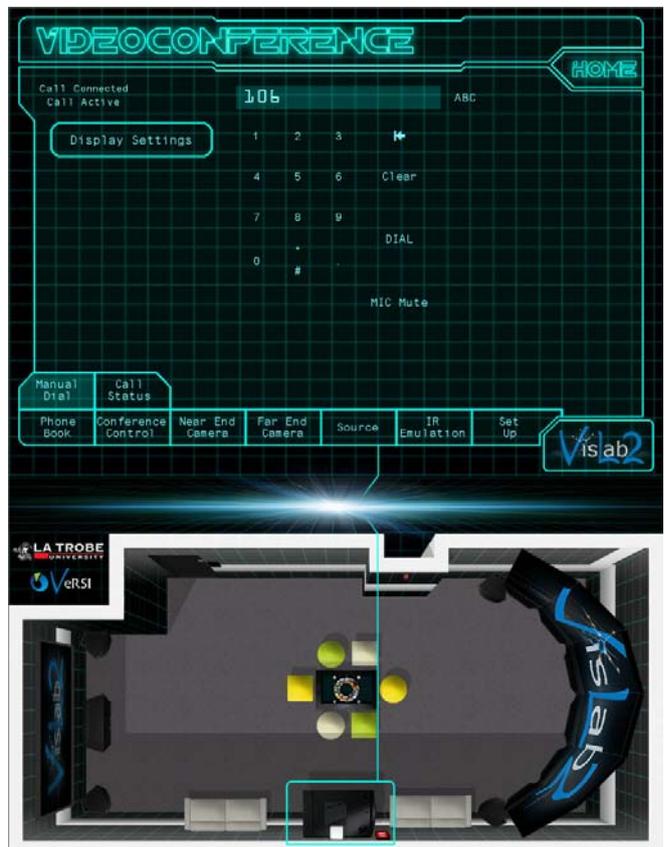
The video conferencing (V/C) unit is compatible with other La Trobe units and fully integrated in to the University V/C system.

You can dial any other V/C unit in the University using the inbuilt directory or type in an address directly to connect to a foreign unit anywhere in the world.

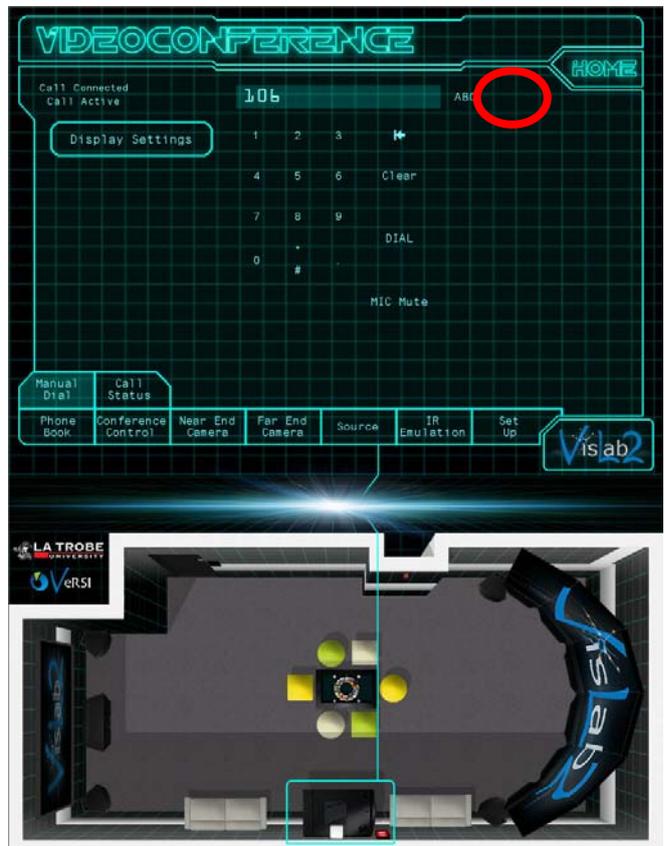
To make a call, press "Videoconference"



Then use the number pad to type in the number/ip address of the V/C unit you wish to dial.



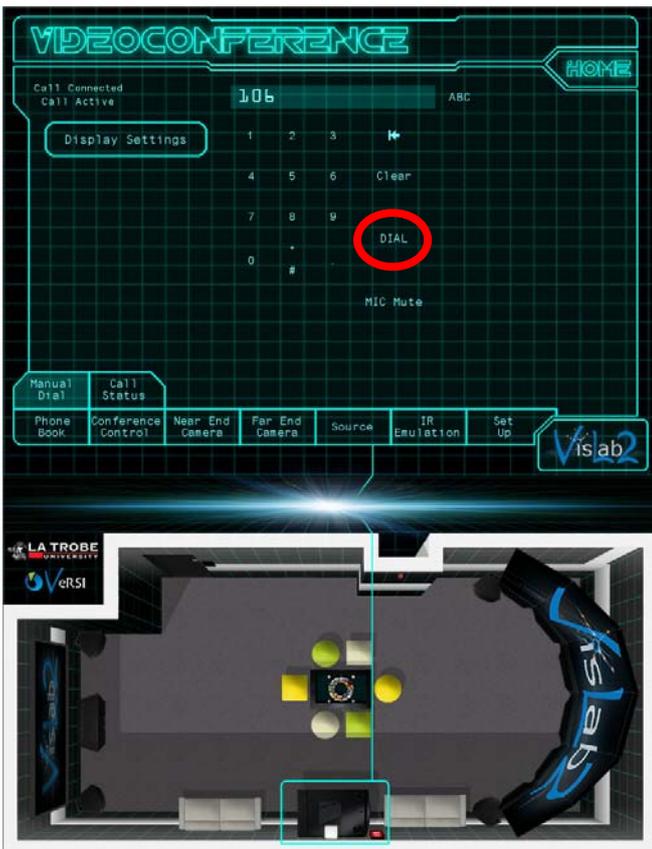
You can also use the alpha numeric keyboard if you need to, simply press "ABC" and a keyboard will pop open



The number/ip address will appear on the iPad as you type



Then press "DIAL" to make the call.

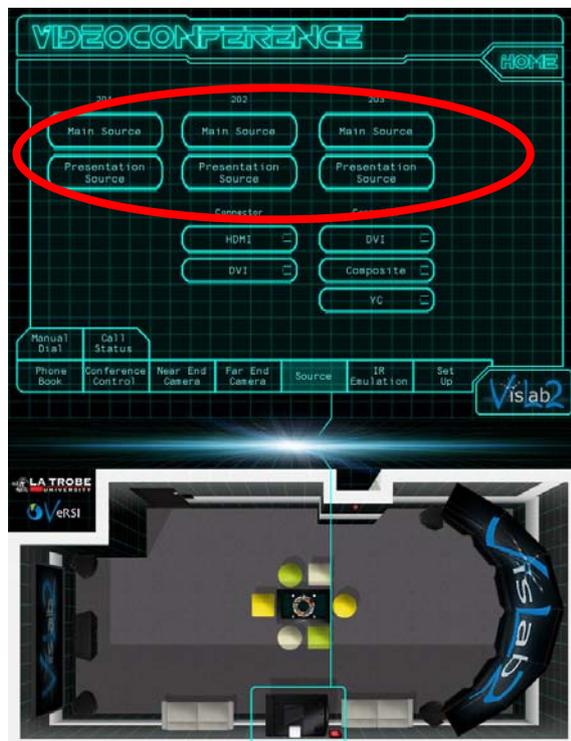


How do I select what I send through my video call?

By default the video call will send your camera feed. To select what to send, select Source to view current video conference source settings.



Then select which input you would like your Main Source to be and what you would like your Presentation Source to be. For example, Main camera would be your Main Source and a laptop running PowerPoint could be the Presentation Source. Remember not to forget to route laptop to the C60 in Display settings as described in *"How do I display my laptop, Blu-ray, or VisLab2 Workstations on the video conferencing unit (C60)?"*



What is my IP address for V/C in Vislab2 so others can call me?

131.172.117.97

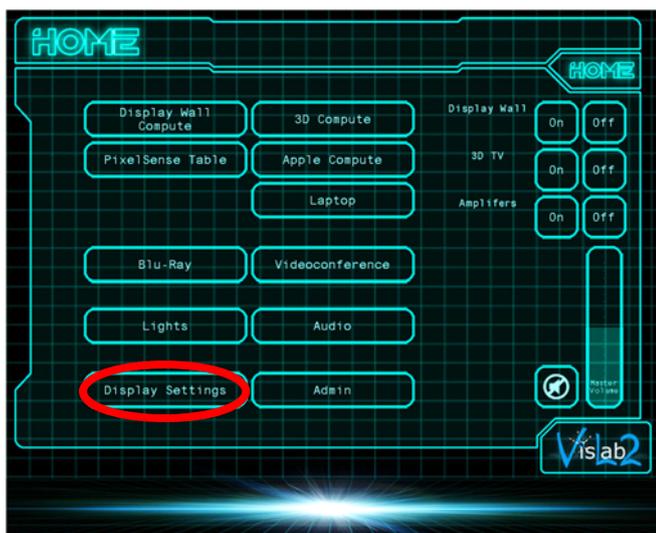
If you are waiting to receive a call, ensure that you are in Videoconference mode and when you hear the ringtone simply answer the call.

I want to do video conferencing on the Display Wall while sending a video feed of myself and PowerPoint from my laptop, while also showing the PowerPoint on the 3DTV behind me. How do I do all of this?

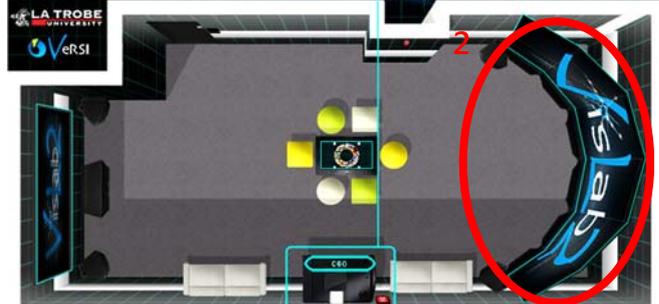
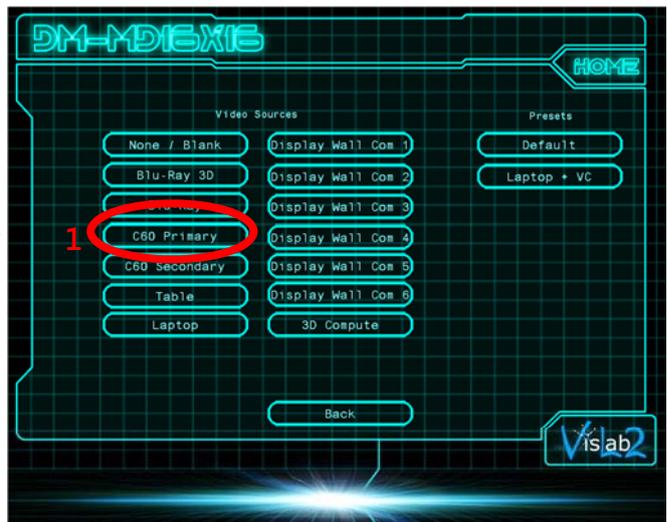
Step 1

Set up the room for above configuration. You need to plug in your laptop and route it to the C60 and the 3DTV. You also need to route the C60 Primary to the Display Wall in newsroom style.

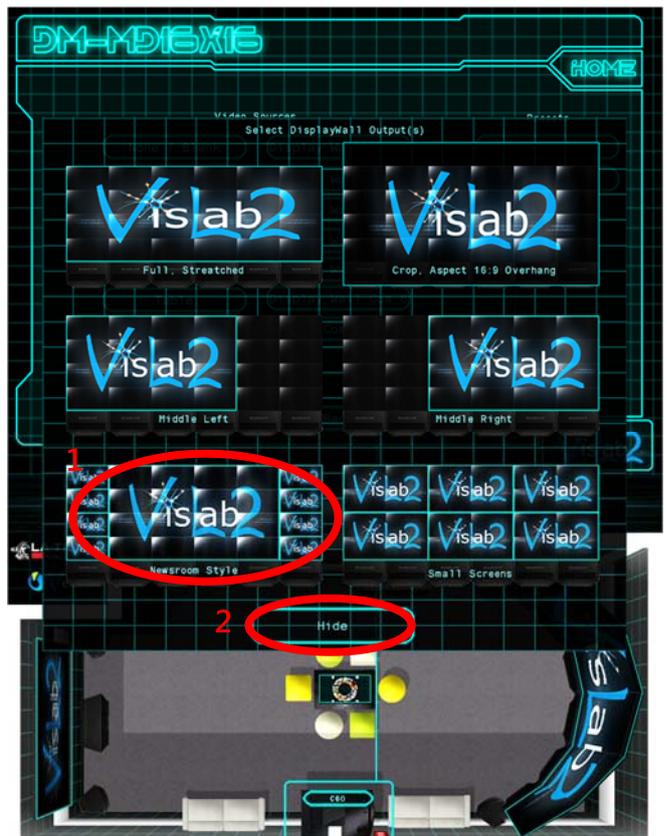
On the iPad, press the "Display Settings" button.



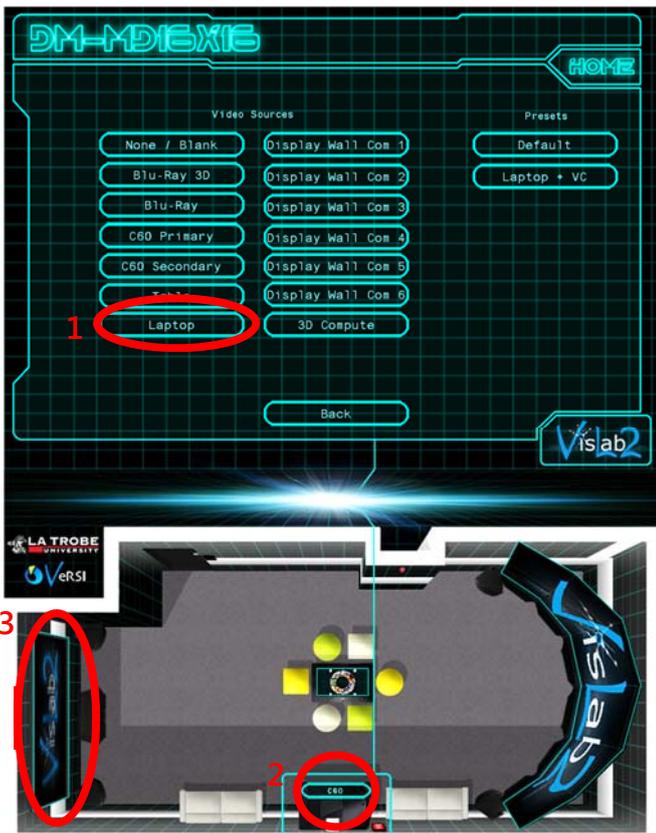
Then select "C60 Primary", then press the Display Wall picture to display the display wall layout window.



Then select "Newsroom Style", followed by "Hide" to go back to the display settings page.



Then select "Laptop", followed by the C60 and the 3DTV picture.



Once a video call has been established, you can set the video sources of the call.

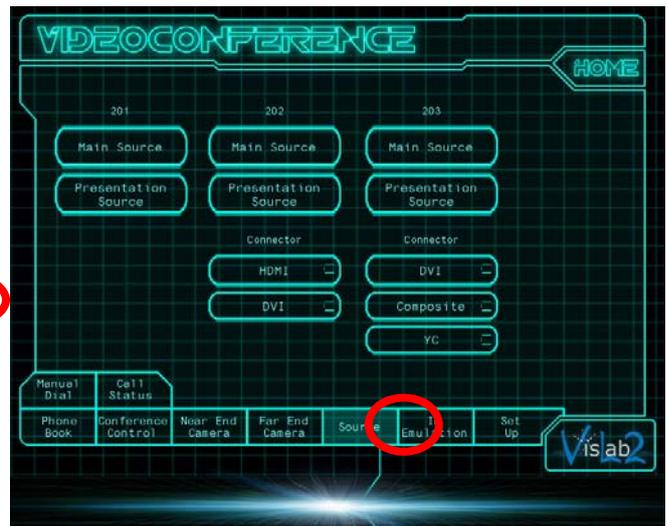
If you are not already in the Video Conference page select "Videoconference" from the Home page.



Then select "Source" from the Video Conference page.

Now the Display Wall should show the video conferencing unit (C60), the 3DTV should show what is on your laptop and we are also routing the laptop into the C60 itself.

Press "Home" to get back to the Home page.



Then select "Main Source" for the laptop and "Presentation Source" for the speaker.

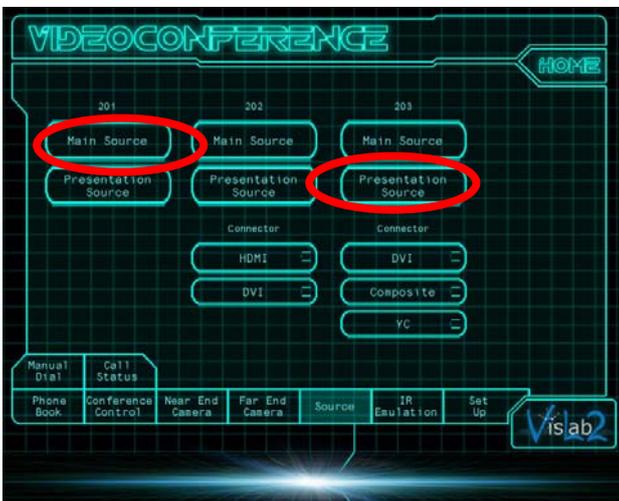
Step 2

Start the video conference, either dial the remote location as described previously in "HD Video conferencing? How do I call someone?" or answer a call.

Step 3

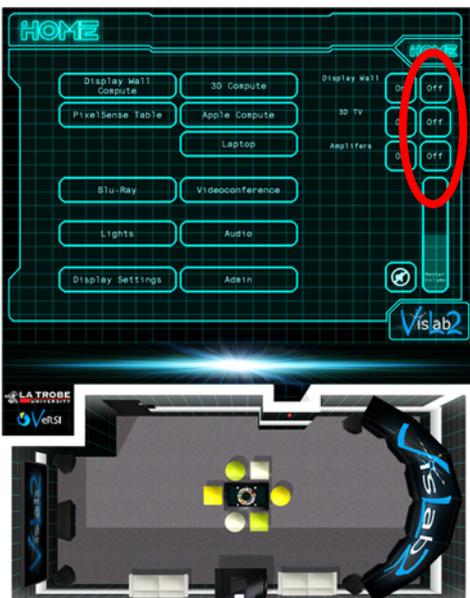


Alternatively, select "Main Source" for the speaker and "Presentation Source" for the laptop.



How do I turn things off?

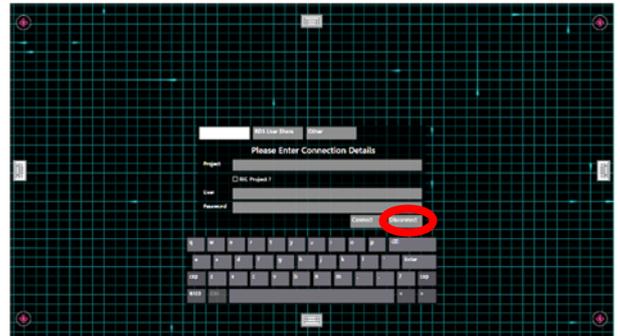
On the iPad, press the "Off" buttons. .



What should I do when I am finished using VisLab2?

Once you are finished using VisLab2, please ensure you do the following:

- Disconnect your storage from the touch table using the "VisLab2 Storage" app - Note that the system does **NOT** disconnect you automatically.



- Turn off 3D TV
- Turn off the Display Wall
- Turn off the Amplifiers
- Turn off keyboard & mice
- Dock the iPad in the charger
- Connect 3D glasses to recharge
- Upon leaving the room please turn the lights off

Software available in room

- ArcGIS
- Chimera
- Cygwin
- Firefox
- GoogleEarth
- Matlab 2014b
- MDKinect3
- MeshLab
- Office 2013 (Word, Excel, PowerPoint, Access, Publisher, Access)
- ParaView
- PuTTY
- VLC
- Volocity
- WinCoot
- WorldWide Telescope Mars
- WorldWide Telescope

Please contact the Office of Research Infrastructure digitalresearch@latrobe.edu.au if you require additional software to be installed in the room.

Troubleshooting

1. Display wall & 3D TV do not power up

If you have trouble switching on the Display wall and the 3D TV it may be due to a power shutdown. Please check that the main power buttons are switched on - 2 x buttons on top left of Dell machines in rack.



2. Display settings not showing on iPad

Ensure the iPad is orientated to portrait layout

But I still need help! Who do I contact?

For any questions regarding access to VisLab2 or help with VisLab2, please contact La Trobe Office of Research Infrastructure <http://www.latrobe.edu.au/research-infrastructure/contact-us>

How do I report a problem/issue?

Please log any VisLab issues through the **Service Now portal** and send a copy of your request to Michael D'Silva in ICT M.DSilva@latrobe.edu.au

Please specify the name of the lab (VisLab2) and the issue you are having, the time it is and a contact number.