

**Solid State Logic**  
S O U N D | | V I S I O N

**SOLSA**  
*SSL OffLine Setup Application*

# Live Console Configuration & Control Software

## V3.0.19 Download & Installation Notes

### Website Download Only

Please check you have the following items:

- |   |                             |                 |
|---|-----------------------------|-----------------|
| I | SOLSA Installation Notes    | (this document) |
| I | SSL_Tempest_Live_PC_V3.0.19 | P72A032419      |

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*If any of the listed items are missing, please contact your local SSL representative  
before attempting the upgrade*

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***This document contains essential information – please read it carefully before making  
any attempt to install the software***

# Solid State Logic

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Visit SSL at URL: [www.solidstatelogic.com](http://www.solidstatelogic.com)

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Initial Release: July 2015

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## **SOLSA OVERVIEW**

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The **SSL OffLine Setup Application**, or SOLSA, allows creation and editing of Live console Showfiles on your laptop or desktop PC. Almost anything that can be done on a console can now be manipulated and configured 'offline' when access to a console is not possible.

This includes console architecture configuration and setup of Fader Tile Layers and Banks. Stageboxes and I/O routing can also be assigned along with the creation of scenes and other automation editing. SOLSA also allows you to add effects, manipulate channel processing settings, bus routing and VCA assignments.

SOLSA includes the same Help System as the Live console software, offering a built in user guide with tutorials and reference sections.

This new version of SOLSA also includes the ability to remotely control a console, giving real time access to all audio processing parameters from a laptop or tablet PC. Connection is via Ethernet or, with the addition of a wireless router or access point, via Wi-Fi. Connection instructions are described below and also in the Help system included in the console and SOLSA software.

## **SYSTEM REQUIREMENTS**

SOLSA is a high performance piece of software and requires a powerful computer to achieve the best possible performance. The following are a list of minimum requirements for SOLSA to run correctly on your computer.

### **Supported Operating Systems:**

Windows 7 64-bit, Windows 8 64-bit or Windows 8.1 64-bit operating system

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**Note:** Installations of the Windows operating systems listed above may be run on Intel-based Apple Mac computers using a multi-boot utility such as Boot Camp or virtual environments such as Parallels. The hardware requirements listed below still apply to these environments.

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### **Hardware:**

Recommended minimum of 8 GB RAM  
2.6 GHz Dual core CPU or higher  
200 MB hard disk space  
Minimum screen resolution of 1280 x 1024 recommended

## **WHAT YOU WILL NEED**

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To complete the SOLSA installation you will need the following:

- A SolidStateLogic.com account (visit Solid State Logic Registration to create one for free)
- An active internet connection during installation
- Appropriate privileges to install software on your PC

## REGISTRATION

To install SOLSA, on your PC for the first time, you will need to have an active SolidStateLogic.com account, without one you will not be able to complete the installation process. If you already have an active account you will be able to use your standard login.

Registration can be done for free by visiting the SSL website registration page (<http://store.solidstatellogic.com/user/register>).

store.solidstatellogic.com/user/register

HOME NEWS PRODUCTS SUPPORT STUDIO DIRECTORY STORE WHERE TO BUY ABOUT LOGIN REGISTER

**Solid State Logic**  
SOUND || VISION || VERSATILITY

**Store. This is SSL.**  
Welcome To The SSL Online Store

**Search products**

**Search**

**Product catalogue**

- Consoles/Controllers
- Analogue Summing
- Analogue Processors
- I/O & Converters
- Duende Native Plug-ins
- LMS-16
- Soundscape V7
- Live-Recorder
- Pro-Convert
- Spares & Upgrades
- T-shirts & Accessories

**My SSL**

- Check cross grade status of Duende hardware

**User account** [Create new account](#) [Log in](#) [Reset your password](#)

**Account information**

**Username:** \*

Spaces are allowed; punctuation is not allowed except for periods, hyphens, and underscores.

**E-mail address:** \*

A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

**Privacy Statement**

☐ **Privacy Statement**

In order to proceed please tick the box to confirm you have read the Privacy Policy.

**Email Opt In/Out**

☒ **Product Updates**

Tick this box and we will send you emails about New Products, Product Updates and new Software/Firmware Version releases only.

☒ **Promotional Materials**

Tick this box and we will send you emails about New Product Releases, Special Offers, SSL Free Seminars, Events and other Promotional Materials.

☐ **Don't Send Me Stuff**

Tick this box and we will only ever contact you for administrative purposes regarding your own personal account details and web store transactions.

**Profile Information**

**User Type:**

The content of this field is kept private and will not be shown publicly.

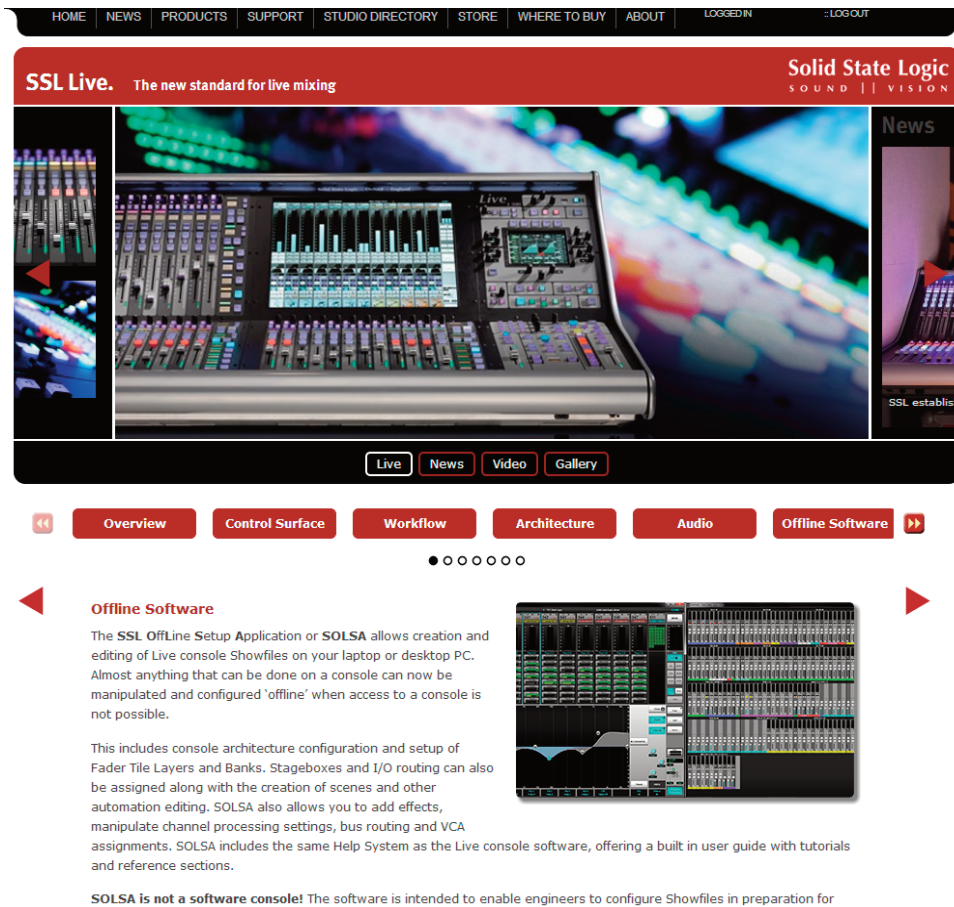
Once you have created your account make a note of the user name and password you entered during the registration. You will need these to complete the installation of SOLSA.



## DOWNLOAD

To download SOLSA visit the Solid State Logic website (<http://www2.solidstatellogic.com/live>).

Once the download is complete locate the SOLSA.zip file on your hard drive and unzip the file.

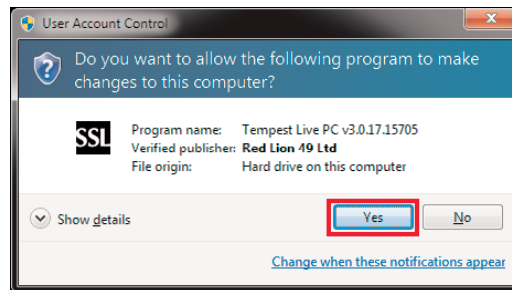


Open and read the Installation notes carefully before attempting to run the installation.

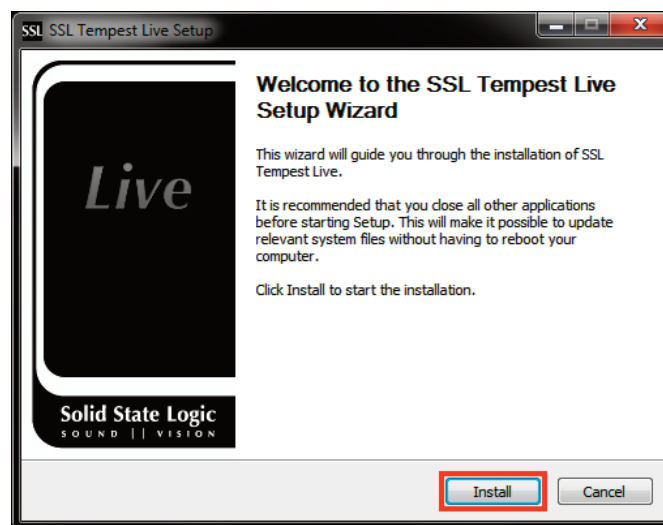
## INSTALLATION

Double-click on the .exe file to start the installation

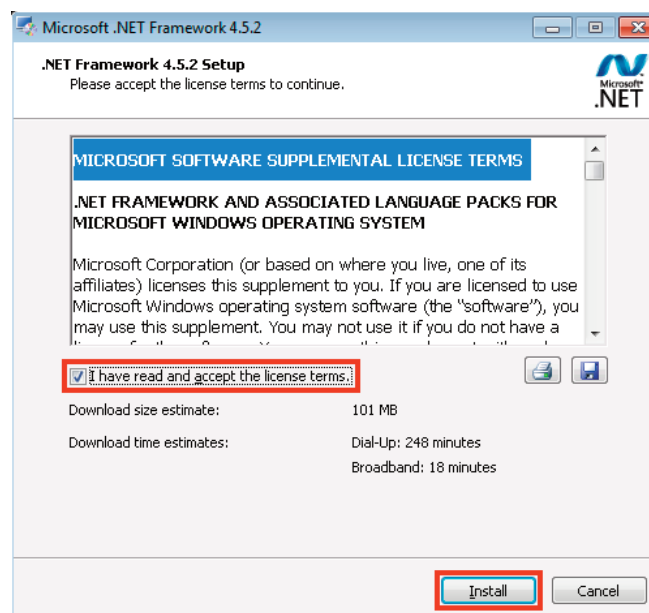
If prompted, allow the program to make changes to your computer:



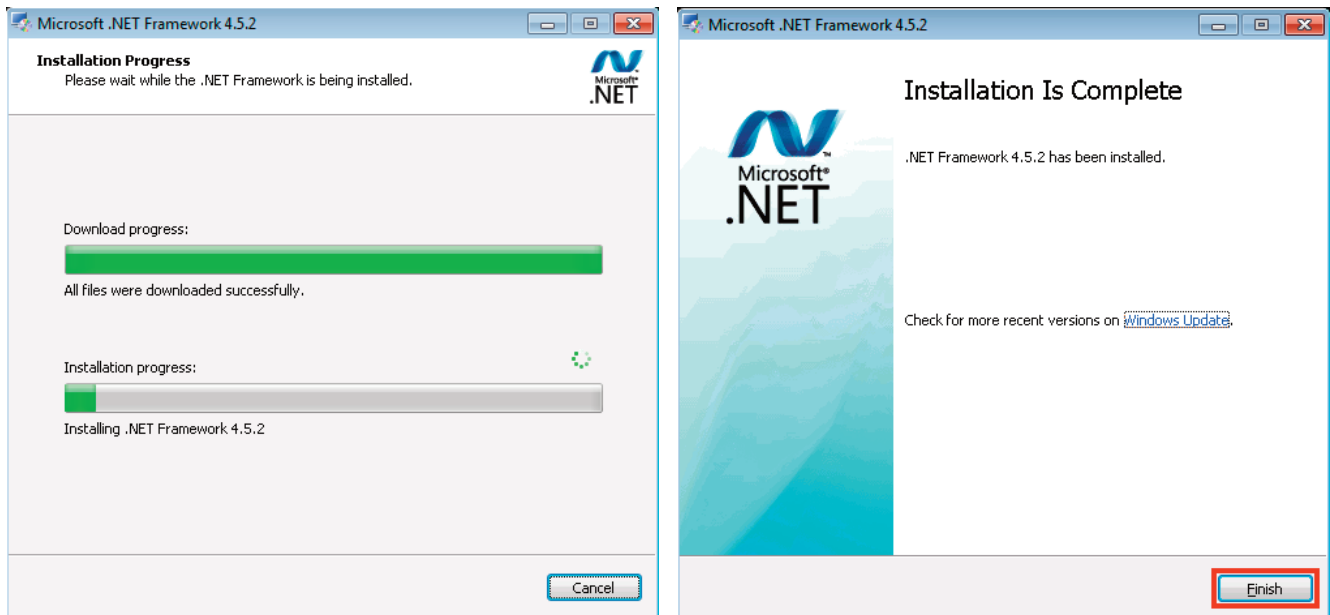
Read and follow the on-screen instructions carefully. When you are ready to start the installation, click on the **Install** button:



You may be prompted to install Microsoft .NET Framework 4.5.2. Read and accept the license terms and click **Install**:

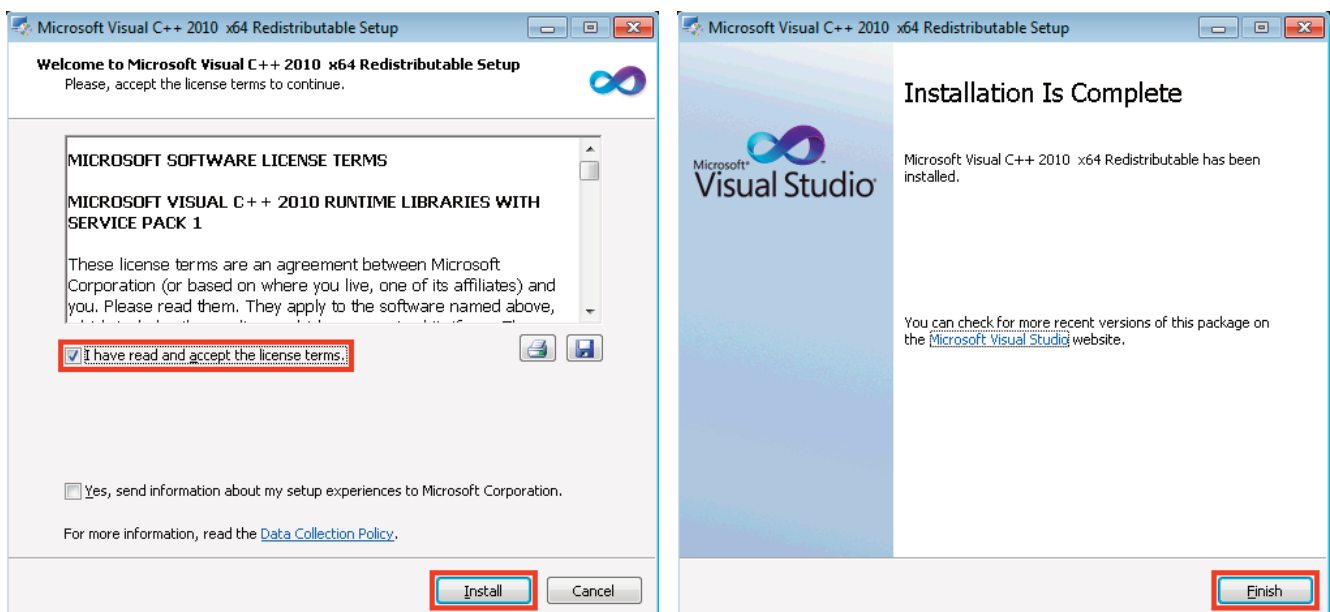


Ensure you have an Internet connection to download the required files. It can take some time to download and complete the installation.

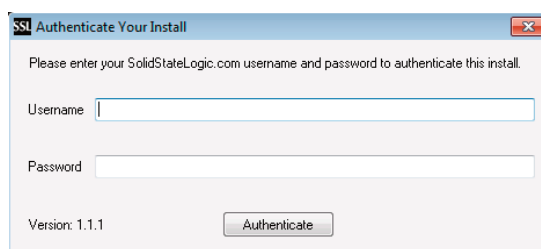


Click **Finish** once the installation is complete.

You may also be prompted to install **Microsoft Visual C++ 2010 Redistributable**. Read and accept the license terms and click **Install**. Wait for the installation to complete and click **Finish**.



If this is the first time SOLSA has been installed on your PC, you will now be asked to provide your SolidStateLogic.com username and password to authenticate the install. Updates to SOLSA do not require this step.



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**Note:** If you do not already have a SolidStateLogic.com account, please visit [www.solidstatelogic.com](http://www.solidstatelogic.com) and click on the **REGISTER** link in the top-right corner of the home page. Follow the on-screen instructions to create your free account and, once completed, enter the same details into the installer's authentication pop-up.

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Click the **Authenticate** button when finished to proceed with the installation

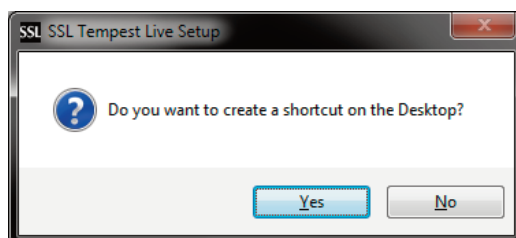
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**Note:** You must have an active Internet connection to complete this process

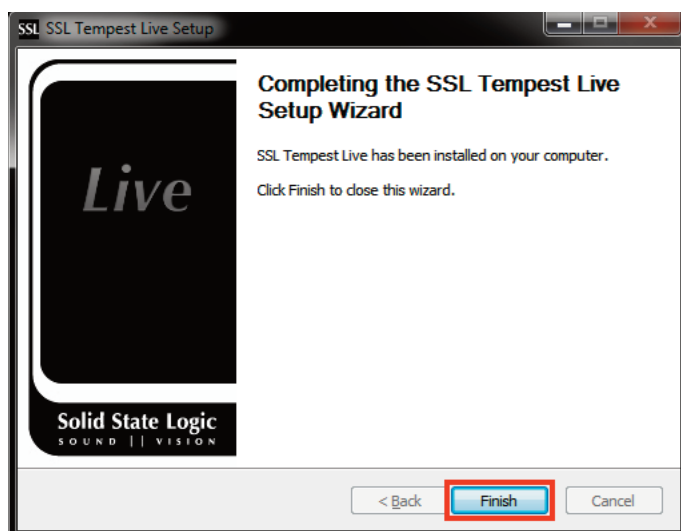
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## Completing the Installation

You will be asked if you wish to create a shortcut to the SOLSA software on your desktop, click Yes if you wish to do so.



Once the steps of the installation are complete click on **Finish**:

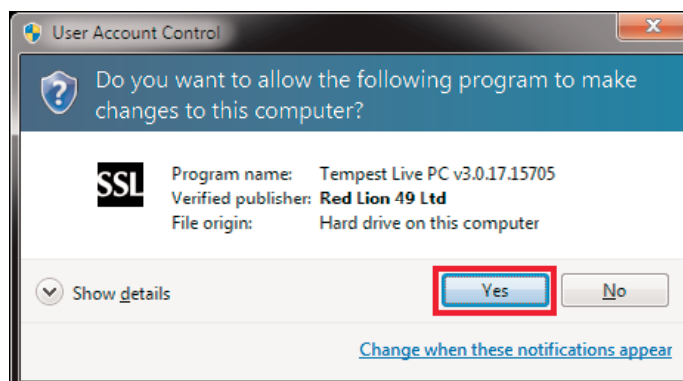


## Starting the application for the first time

If during installation you selected to add a shortcut to the desktop, you may start the software from this shortcut (named "Tempest Live PC V3.0.19.16040").

Alternatively, the software can be accessed from the Start Menu > All Programs > Solid State Logic > Tempest Live > Tempest Live v3.0.19.16040 or searching programs and files for "Live".

If presented with a Windows User Account Control prompt, click **Yes** to proceed:



SOLSA will now launch and a Solid State Logic splash screen and progress bar will appear. The initial launch of the software can take some time.



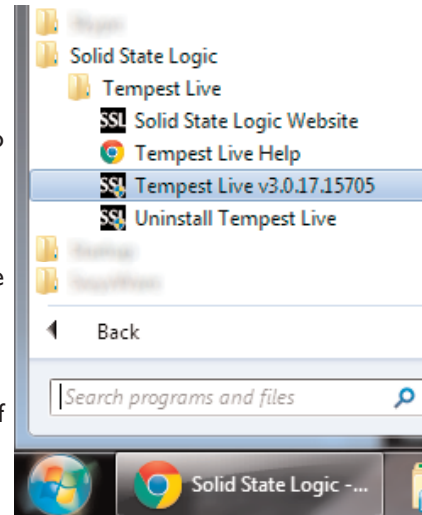
## Help System

A Help system is included with the software. This is the same system that is built into the Live console software.

To access it go to the Start Menu > All Programs > Solid State Logic > Tempest Live > Tempest Live Help, or search programs and files for “Live Help”.

The Help system will open in your default web browser. Use the links on the left of the screen to view information on different topics.

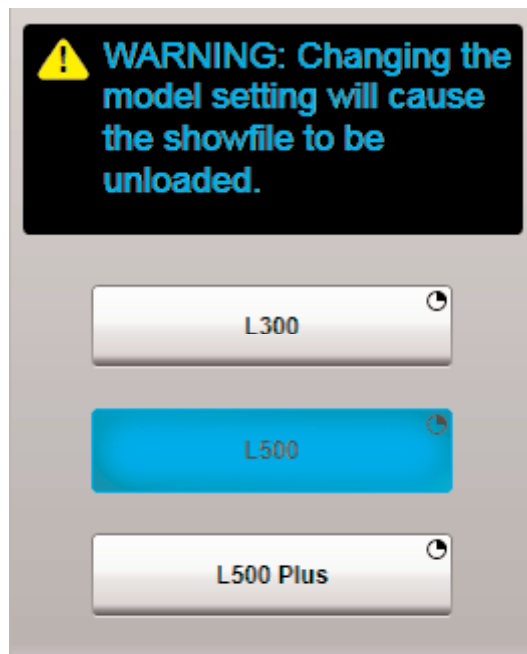
(The screenshot to the right is from Windows 7)



## Live Showfile Basics

### L300/L500 Showfile Interoperability

SOLSA supports editing of both L300, L500 and L500 Plus Showfiles. Showfiles are compatible between console models, however SOLSA should be set to the correct module type to ensure the correct resources are available for the console you will be operating, otherwise you may need to disable some processing when loading the showfile onto the console. To switch between console models in SOLSA, navigate to Menu > Setup > Options > System Tab, then press & hold the desired model button.



**Note:** Changing the model setting will cause the current Showfile to be unloaded, so save any changes before switching models.

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## Getting Started



The Help system contains detailed information concerning working with Showfiles and starting to use the Live console software within its Tutorial section. This system is designed to guide you step by step, but here are some basic instructions on working with Showfiles:

The first time you open the SOLSA application it will load a blank template. This will have two Talkback Channels and three Solo Channels, but no other paths will have been created. You can edit this template and create your own configuration or load an alternative template.

There are a number of SSL Templates available, go to Menu > Setup > Showfiles and then click the **SSL Templates** button. Click on the template in the list to view an explanation of the configuration in the notes window at the bottom of the screen.

To use the selected template press and hold **LOAD**.

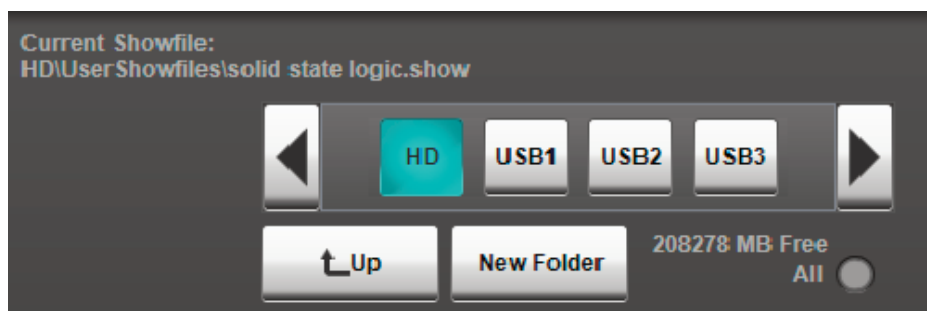
**Note:** We do not recommend that you save or load Showfiles directly to a USB drive as once it is removed the system will no longer be able to find the Showfile. Save to the internal drive first (HD) then copy to the USB drive. When importing a Showfile, copy to the internal drive first then load from the HD, not from the USB drive.

## Saving Showfiles

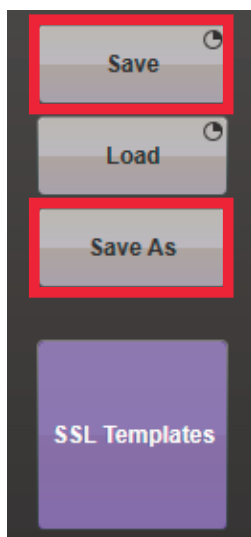
### Load/Save Destinations

If you have not connected any USB drives the internal hard drive of your PC will be shown as **HD** (see screen shot below). When you connect a USB drive it will appear as USB1 and additional USB drives will appear as USB2, 3 etc.

Click on the drive buttons to select them.



## Saving options



### Save

The **Save** button is a press and hold button (designated by the clock in the top right of the button). This will save the current Showfile to the highlighted Showfile and overwrite the file.

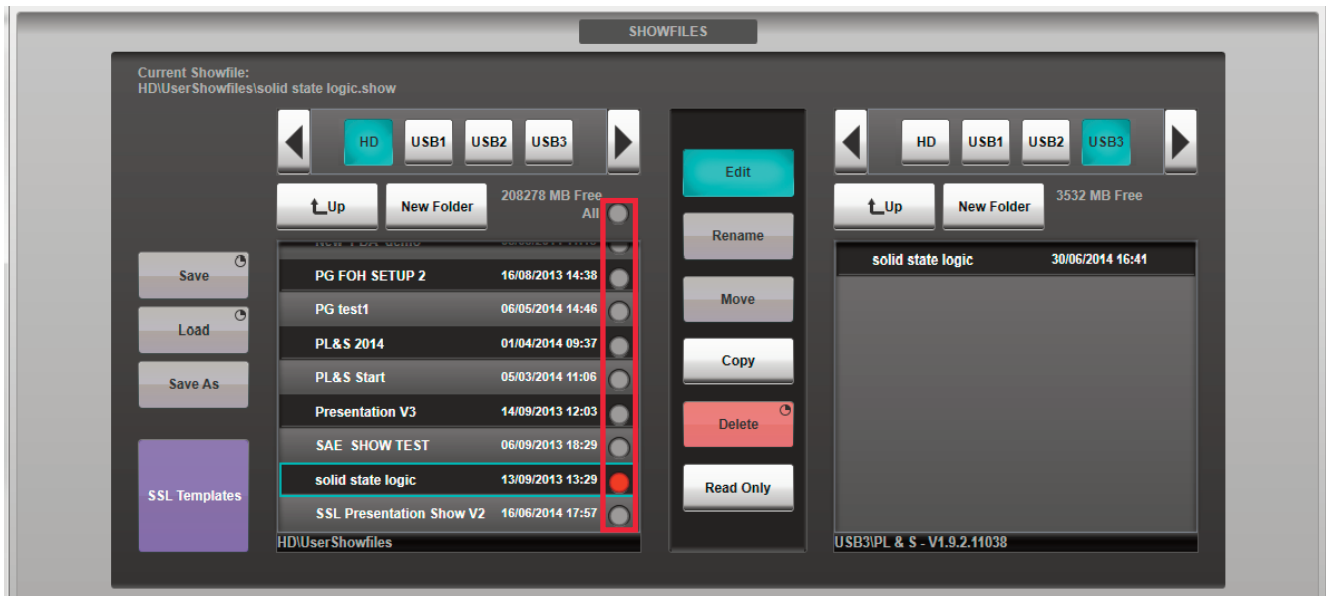
### Save As

If the Showfile you are working on was created from an **SSL Template** then you will need to save the file under a new name. This is done by clicking on **Save As** and entering the new name.

## Exporting Showfiles

Showfiles created or edited with SOLSA can be exported to a USB drive and then imported into a Live console. All the required operations are identical on both the Live console and SOLSA.

If you have not already, connect a USB drive to your PC. In the Showfiles menu select **HD** and click on **EDIT**. This will open a window on the right which allows you to select your destination drive. Click on the USB drive you wish to use as your destination (USB1 etc). Click in the edit column (**red box**) of the Showfile list on the left, so they turn red. These are the files you are selecting for export. Then click **COPY** in the centre column and the selected Showfiles will be copied to the USB drive. These can then be imported into a Live console (see below).



## Importing Showfiles

The process for importing a Showfile from a USB drive into SOLSA is a similar process to Exporting (see above).

Connect the USB drive that contains the file to your PC and go to the Showfiles menu (Menu>Setup>Showfiles). Select the USB drive and then click on **EDIT** in the centre column. In the right-hand window click **HD**, this selects the internal drive as the destination. Click in the edit column of the file (or files) you wish to import. Then click on **COPY** and the selected files will be imported to your PC's internal drive.



## Automation and Scenes

If you are working with multiple scenes within the Automation system it is important that you update changes to your scenes using the Store function. This can be found by accessing Menu>Automation then clicking on Store in the right hand column. The Store button will be purple if there are changes to the current scene that have not been updated.

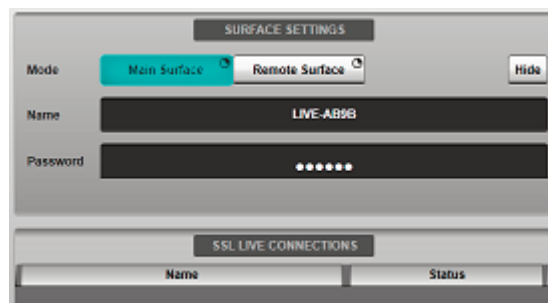
## REMOTE OPTIONS TAB

Options for remote control of the console can be found in Menu>Setup>Options. Select the Remote tab.

Up to two other remote console control surfaces or computers running SOLSA may be connected to the main console control surface over an Ethernet network to share its audio processing capabilities. Note: This feature increases the number of control surfaces able to control the audio processing; it does not increase the amount of audio processing available.

Configuring a console as a Remote will disable its internal audio engine:

- Ensure the main console (i.e. the one processing audio) is set to Main Surface mode in the **Surface Settings** section. If not, press and hold the Main Surface button.



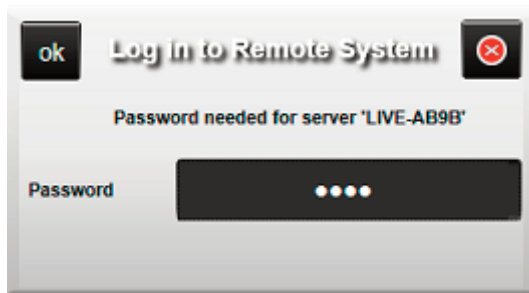
- Choose a console name and password and enter these in the **Name** and **Password** fields. The default name is "LIVE" followed by a 4 character unique identifier.
- Connect your PC to the console via the network ports on the rear of the console. Configure the IP settings on the console in the Remote options tab and configure your PC to connect to the same network. Detailed instructions can be found in the console's Help system
- Start the SOLSA application and navigate to the Remote options tab.
- Press and hold the Remote Surface button.



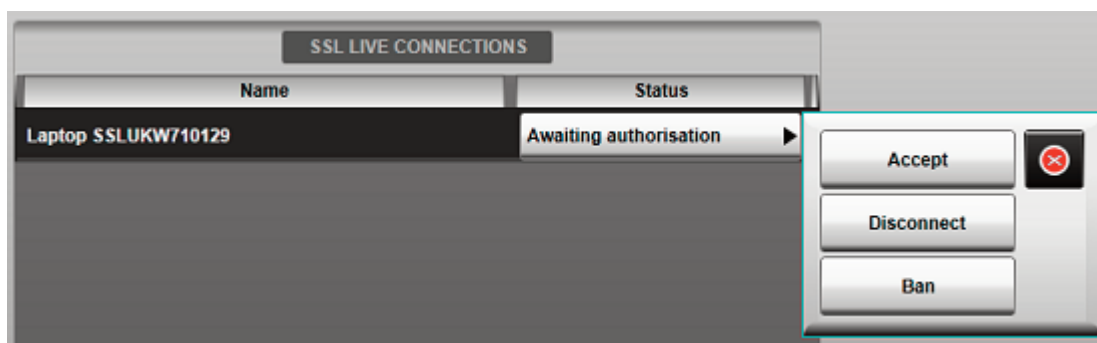
- The **SSL Live Connections** area lists all consoles visible on the network. Locate the console you wish to connect to. Its name will be the console model (e.g. "L500Plus"), followed by the name you entered earlier.
- The **Status** column lists the connection status of each console in the network. Tap the **Discovered** button and select Connect from the drop down list.



- Enter your chosen password into the **Password** field that appears and press OK



- The **Status** button in will now display **Waiting for server response**.
- On the Main console, navigate to the Remote tab (Menu > Setup > Options > Remote) and locate the device in the **SSL Live Connections** area that is awaiting authorisation. Press the **Awaiting authorisation** button and select **Accept**.



- Both **SSL Live Connections** areas should now show the other device as **Connected OK**.
- To disconnect, press the **Connected OK** button and select **Disconnect**.

## Troubleshooting

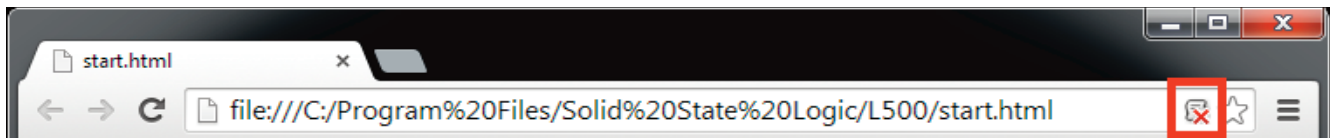
### Help system does not display correctly in my web browser (Internet Explorer etc.)

JavaScript must be enabled to view the Help system correctly.

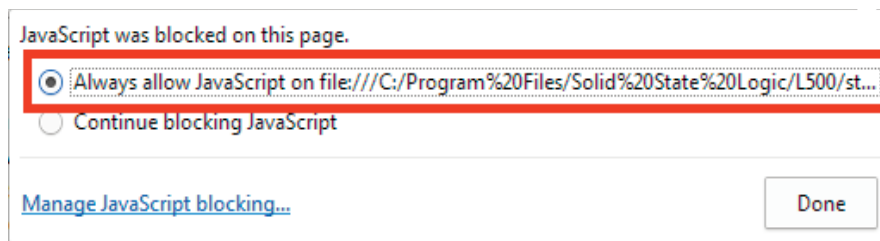
#### Chrome


Click on the Help link to open the page in your Chrome browser.

Click on the  icon to the right of the address bar:



Select “Always allow JavaScript on file...” and click **Done**:



Refresh the page by pressing F5 on your keyboard or clicking on the  icon to the left of the address bar.

**Note:** This will only enable JavaScript for the SSL Live Help. JavaScript settings for all other sites remain unchanged. To change JavaScript settings for all sites, please visit <http://enable-javascript.com/#chrome>

#### Internet Explorer

Click on the Help link to open the page in your Internet Explorer browser.

Click on ‘Allow blocked content’ at the bottom of the page:



**Note:** This setting is not stored in Internet Explorer. You will need to allow this content each time you open the Help system. To enable JavaScript permanently for all sites (per-site settings in Internet Explorer are not available at time of writing), please visit <http://enable-javascript.com/#ie>

#### Mozilla Firefox

Please visit <http://enable-javascript.com/#firefox>

#### Apple Safari

Please visit <http://enable-javascript.com/#safari>

#### Opera

Please visit <http://enable-javascript.com/#opera>

## **Known Issues**

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It is not currently possible to assign the Main or Focus fader paths from the PC software.

Viewing the software on a screen smaller than 1280 x 1024 resolution can result in some elements not rendering correctly.

If using a multiple monitor setup the pop-up keyboard and dialogue boxes may not appear on the same screen as the main application. It can be dragged, by clicking on the bar at the top of the keyboard pop-up, to a more convenient area.

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