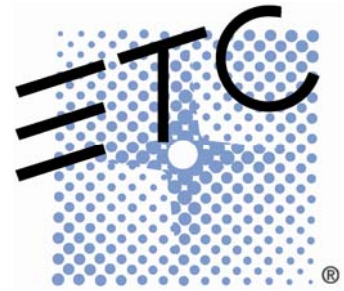


## SmartFade ML Lighting Console



### Installing the SmartFade ML device personality library

The file PERSLIB.BIN contains the data for all devices in the Standard device library for SmartFade ML consoles. From time to time ETC updates this file to add new devices or to correct errors.

The file always has the simple short name PERSLIB.BIN, no matter which version it is. To ensure you use the correct version make sure you extract it from the zip file carrying the version number you require in its name.

To load this file into a console follow these steps:

- 1 Make sure your console is running software version 2.1.1 or a higher number. If not then you will need to update the console software first. Please go to the end of this document for details on software upgrading.
- 2 Open the personality zip file and extract the files. The zip file will have a name like 552 as the version number (5.5.2 in this example)
- 3 Copy the file PERSLIB.BIN to a SD card. The card must be formatted as FAT16. If in doubt simply use an SD card that you know works in your console when saving and loading showfiles
- 4 Place the card in the console SD card socket
- 5 Navigate to the menu **Save/Load Show** and press ✓
- 6 Navigate to the item **Update library** and press ✓
- 7 The Device library will be loaded and will replace the previous library.

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### Notes:

The PERSLIB.BIN library file persists in SmartFadeML until it is replaced or cleared from memory. You normally only need to install PERSLIB.BIN once.

The PERSLIB.BIN update will be lost if any of the following things happen to the console:

- New Software is installed. In this case the new software will contain a version of PERSLIB.BIN and that will replace any version you have loaded in manually in the past.
- The memory is cleared by performing the memory test function in the Test Menu. Using the normal Erase function in the normal operating menu will NOT erase any PERSLIB.BIN file you have previously loaded.
- The battery fails and the memory is lost.

Previous Shows are unaffected in any way. Shows are recorded with the details of the devices patched at the time they were made. If those devices are changed or removed from a later device library update, by loading PERSLIB.BIN or a newer version of software, the old device patch is unaffected in any way and the show will run exactly as originally recorded.

If a device is added or re-patched to an existing show it will use the newest definition which could be different from other similar devices made in the original show.

If you are loading the new library because it corrects an error in the patching of a device you are using in a previously recorded show you must re-patch each of those devices by deleting the previous device and then re-patching the same device (either in the console menu of on-screen in SmartSoft.)

Each time ETC publishes a new version of the operating software it will contain the latest device library file.

The zip file also includes three information files:

- Added. A list of new devices added since the previous library version.
- Changed. A list of devices with changed personalities. Usually changes will occur if a mis-patching error was present in a previous version.
- Full list of devices. This is a large html file that contains all device information listed by manufacturer and hyperlinked to the listing of the patch for each of them.

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## Updating the console software:

To update the console visit our website and download the file here:

[www.etcconnect.com/downloads.asp](http://www.etcconnect.com/downloads.asp) Select the product line as *Entertainment controls*, the Product as *SmartFade ML* and the Download type as *Software* and press Search. From the list shown pick the SmartSoft installation package 2.0.1 (or a higher number if available) for either PC or MAC as required.

Install this software package on your computer and then update the console as follows:

➤ PC:

- Select Start > Programs > ETC > SmartSoft > Console Updates > SFDownloader.exe
- Connect the console to the PC via USB.
- Turn on the console holding the ✓ button down until the screen displays Entering Test Mode. Press the ✓ button repeatedly until the screen displays Mem Test. The unit will now clear the memory.

**Make sure you have saved your show before doing this operation!**

If you have forgotten to save the show remove the power now, before pressing ✓ to accept the memory test and then re-start the console normally to save the file.

- When the memory test-and-clear is complete the screen will display memory test passed. Press ✓. Now the screen displays Load Firmware file?. Turn the dial to YES and press ✓

- Now on the PC the SFDownloader program should detect the console and report its connection. When this is complete the PC will ask you to select a file. Choose the SMRTFDML.SRC file in the C:\Program Files\ETC\SmartSoft\Firmware Updates folder.
- Select Download. The console will now be automatically updated and will restart with the new version when the download is complete.
- It is now ready to load in the new personality file. Before you do this check that the new software in the console does not already contain the update that you need by looking at the software version number in: Menu > Setup > Software Version.

#### ➤ MAC

- There is no direct software downloader for a MAC computer.
- Copy the file SMRTFDML.SRC from the folder where you installed SmartSoft to a SD card
- Place the SD card in the console SD card socket.
- Turn on the console holding the ✓ button down until the screen displays Entering Test Mode. Press the ✓ button repeatedly until the screen displays Mem Test. The unit will now clear the memory.  

Make sure you have saved your show before doing this operation!

If you have forgotten to save the show remove the power now, before pressing ✓ to accept the memory test and then re-start the console normally to save the file.
- When the memory test-and-clear is complete the screen will display memory test passed. Press ✓. Now the screen displays Load Firmware file?. Turn the dial to YES and press ✓
- The console will now be automatically updated and will restart with the new version when the download is complete.
- It is now ready to load in the new personality file. Before you do this check that the new software in the console does not already contain the update that you need by looking at the software version number in: Menu > Setup > Software Version.