

# High End Systems Software Update Procedures

This guide is to be used for uploading software to the following High End Systems fixtures:

Technospot  
TechnoArc  
SolaSpot LED  
SolaSpot Pro CMY LED  
SolaSpot Pro 1500  
SolaWash  
SHAPESHIFTER

1. Obtain new software files from the High End Systems support web site. There are several files within the zip file. You will need to unzip the file you downloaded. Each is a .GSD file  
<http://www.highend.com/support/>
2. Remove compact flash card from upload unit and place in USB adapter.



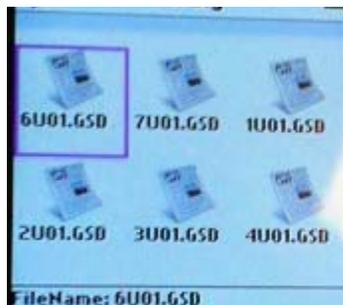
3. Copy files to the USB drive on your computer. If you have multiple fixture types to upload you can create folders for the different fixture types and store these on the flash card.
4. Place the compact flash card back in the upload unit.
5. Plug the XLR connector from the upload unit to a fixture.
  - a. You can upload up to 5 units at a time, by connecting them together with DMX cable.
  - b. Fixture **MUST** be powered down before connecting the upload unit.
6. Turn on the upload unit and press the Mode/ESC button to display the menu screen.
  - a. If you have multiple folders available select the correct folder for the fixture type you would like to upload.



7. Power up the fixture. The display will indicate "Long Wait"
  - a. **PLEASE ENSURE FIXTURE IS POWERED DOWN FOR AT LEAST 5 (FIVE) SECONDS PRIOR TO POWERING ON AND BEGINNING AN UPLOAD**



- b. You now have 30 seconds to start an upload otherwise the fixture will boot normally
8. On the upload unit, scroll to the software module you wish to update and press the  button. (You can upload the software modules in any order)



- a. You will be prompted to enter a password. Use the cursors on the upload module to enter the password, which is 777777. Press  on the screen after typing in the password.



- b. A confirmation will ask if you are sure you wish to upload this software
  - c. Press  on the word Yes to start the upload
  - d. During the upload, the fixture display will show a status bar indicating the upload is taking place.



9. When the upload is complete, you will be asked if you want to upload another module.
  - a. Select YES to continue until all packets are uploaded
  - b. After uploading the last packet choose NO to boot the fixture. (It is recommended that all available software modules for the fixture are uploaded)
  
10. When the fixture boots, you can unplug and turn off the upload unit.