



SHOW DESIGNER 1

File Transfer Application
Instructions

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DOCUMENT VERSION

Please check www.elationlighting.com for the latest revision/update of this manual.

Date	Document Version	Notes
05/19/17	1	Initial release.

SD File Transfer Instructions

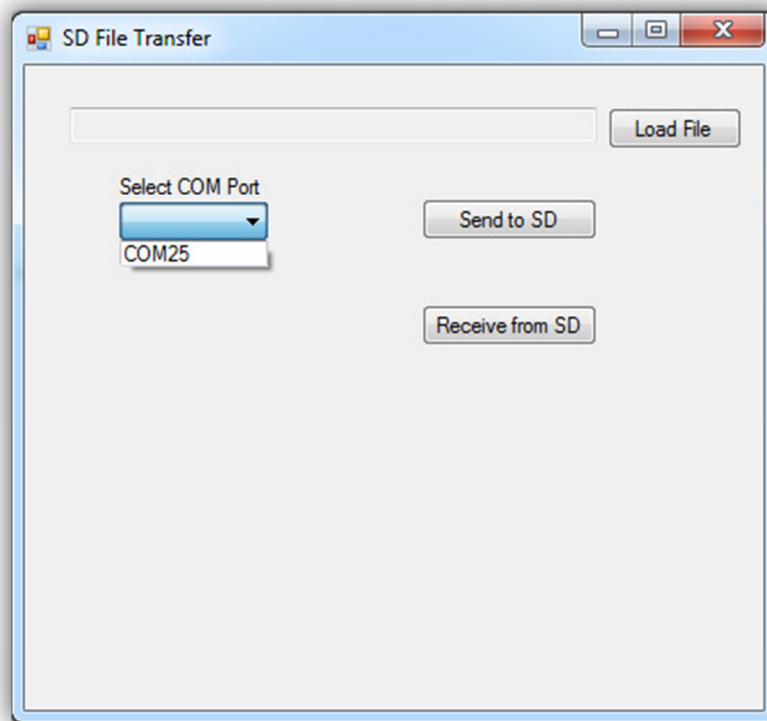
SD File Transfer is a Windows application that lets you send or receive data to or from an Elation Show Designer lighting controller. It provides a way to update the firmware in the Show Designer One, back up the memory from Show Designer One or Two, and load fixture profiles to a Show Designer Two.

Note: SD2 firmware updates are from CF card only.

Data is transferred over a USB to null modem serial cable. We recommend using the Startech ICUSB232FTN cable from Startech.com. If using another USB to RS232 cable, make sure it is the “null modem” style.

Connect the USB end of the cable to a USB port on your Windows PC and the RS232 end to your Show Designer’s RS232/COM port. If connecting for the first time, allow the PC to install the correct driver before proceeding.

You can run the “SD File Transfer” application directly from its folder. It should appear similar to the screenshot below.



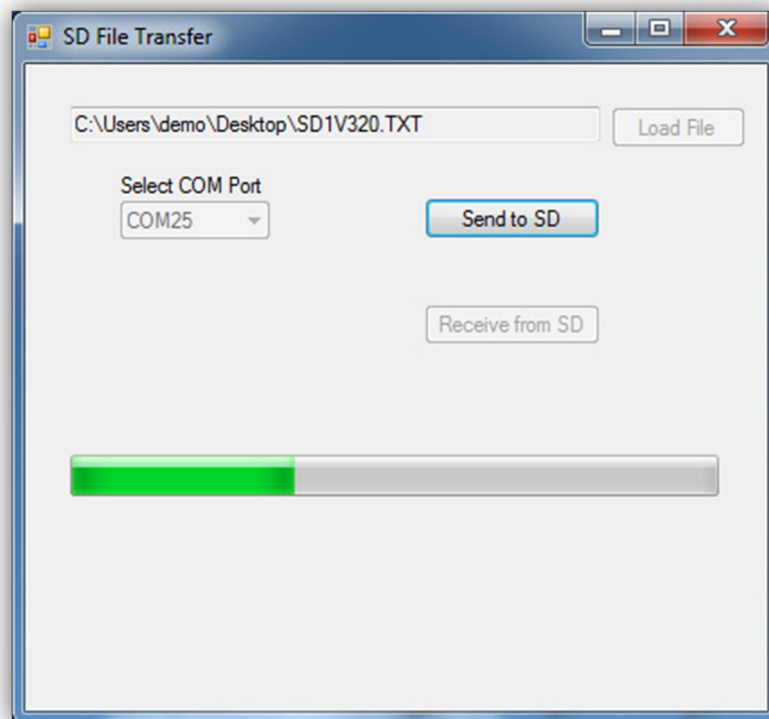
With the driver installed and the cable adapter connected to your Windows PC you should be able to click on the COM port drop-down and select the com port assigned to the cable. In this example COM25 is the only port being used so is most likely the one assigned to the cable. If more than one COM port is shown on the drop-down list, you may need to test to see which one is the cable.

Send File to SD

Sending a file is how you would update firmware, restore a memory file that you have previously saved, or send a fixture profile to SD2.

Before sending, you must first select the file you want to send. Click the “Load File” button and the file selection dialog will appear. After you have selected a file, the file name will be displayed at the top as shown the following screenshot.

Click the “Send to SD” button to begin the file transfer. A progress bar will appear as shown below.



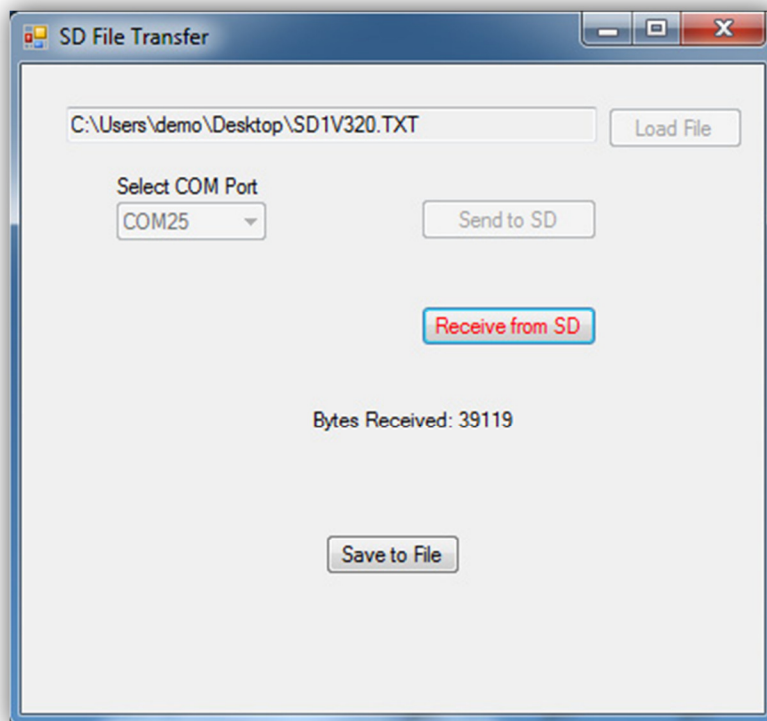
When updating the firmware in a Show Designer One, you must first put the SD1 into update mode. You can do this from the SD1 menu or by holding the “menu” and “erase” buttons down together when you turn on the SD1 power. Once in update mode, you can click the send button from the application to start the file transfer. The display on the SD1 should also indicate that a file is being received.

Likewise, when sending a memory backup file that you have previously saved or a fixture profile, you must put the SD1 or SD2 into receive file mode. Do this from the menu item “receive memory file”. The display will show “waiting for file from com port” when ready. The SD display will show the progress of the file load if a valid memory file is received. Note: The SD2 also has a “receive profile from com port” menu for fixture profile loading.

Depending on the size of the file, it can take some time to transfer. You can abort the transfer by clicking on the “Send to SD” button while a transfer is in progress.

Receive File from SD

When you click the “Receive from SD” button, the application will appear as in the screenshot below. You can then start sending data over the SD com port and it will be buffered by the application. A byte counter shows the progress of any data being received. Note: Make sure the byte counter starts at 0. Sometimes if you power on the SD with receive enabled, several garbage bytes will be recorded.



After all data has been sent, click the “Save to File” button where you will be prompted to enter a file name and location. The default file type will be a .txt file. You can use a different file extension if you like when saving.