

AJA SRExpress

**File Transfer
Application**

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Installation and Operation Guide

Because it matters.



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Introduction

The SRExpress application controls transfer of files from Sony SR-R1 digital recorders to RAID storage connected to a PC or a Macintosh computer. A KONA 3G card for Mac or PC, or an Io XT for Thunderbolt-equipped Macs, serves as the intermediary device for file capture between the recorder and the computer with RAID. Once transferred, the files can be edited.

File Formats

The SRExpress application transfers MXF (.mxf) file types from the Sony recorder to the computer with RAID.

Features

- Controls the recorder to perform file transfers to the Mac or PC with RAID
- Selects files in batches or individually
- Transfers files using 3G SDI and Thunderbolt connections
- Allows preview during transfer, or preview can be turned off

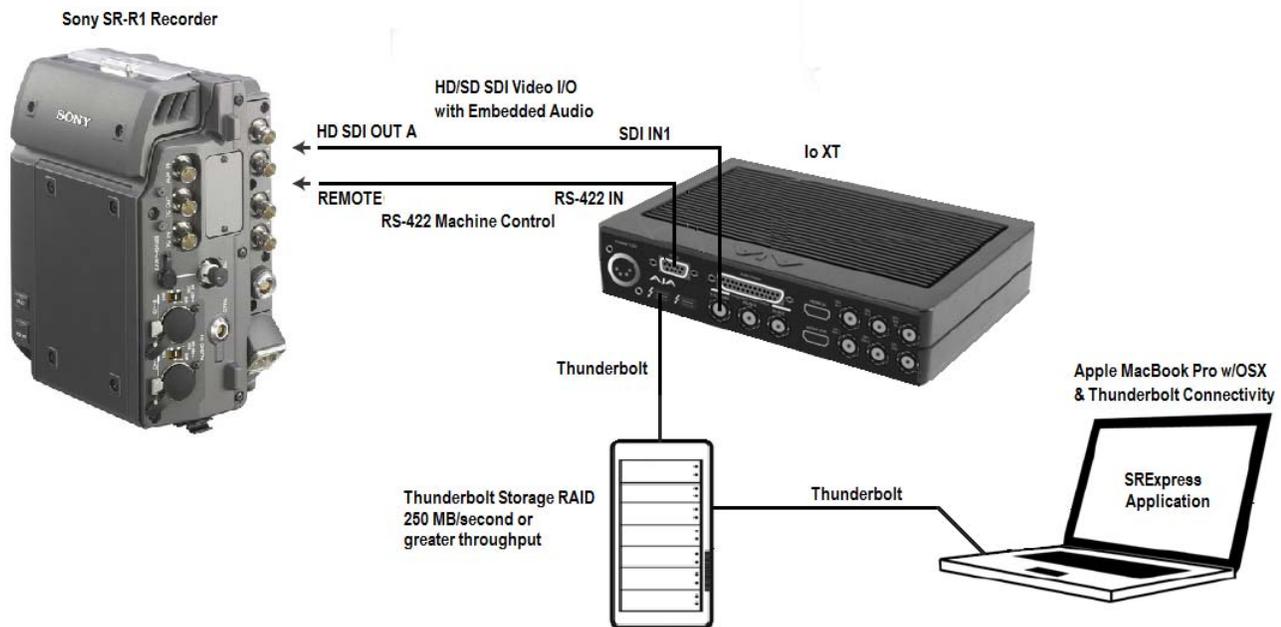
I/O Connections

System interconnections differ slightly depending on whether you are using a Mac with Io XT or a PC or Mac with KONA 3G.

Connections for Mac and Io XT

Mac and Io XT systems are interconnected as follows:

1. Ensure power is OFF for all devices.
2. Connect Sony REMOTE to Io XT RS-422 IN (control connection).
3. Connect Sony HD SDI OUT A to Io XT SDI IN1 (video/audio data connection).
4. Connect a 250 MB/second or faster RAID drive to a Thunderbolt-enabled Macintosh computer.
5. Connect an Io XT Thunderbolt port to the second Thunderbolt port of the RAID storage drive.
6. Make all other connections as explained in the manual for each device.
7. Switch power ON for all devices.

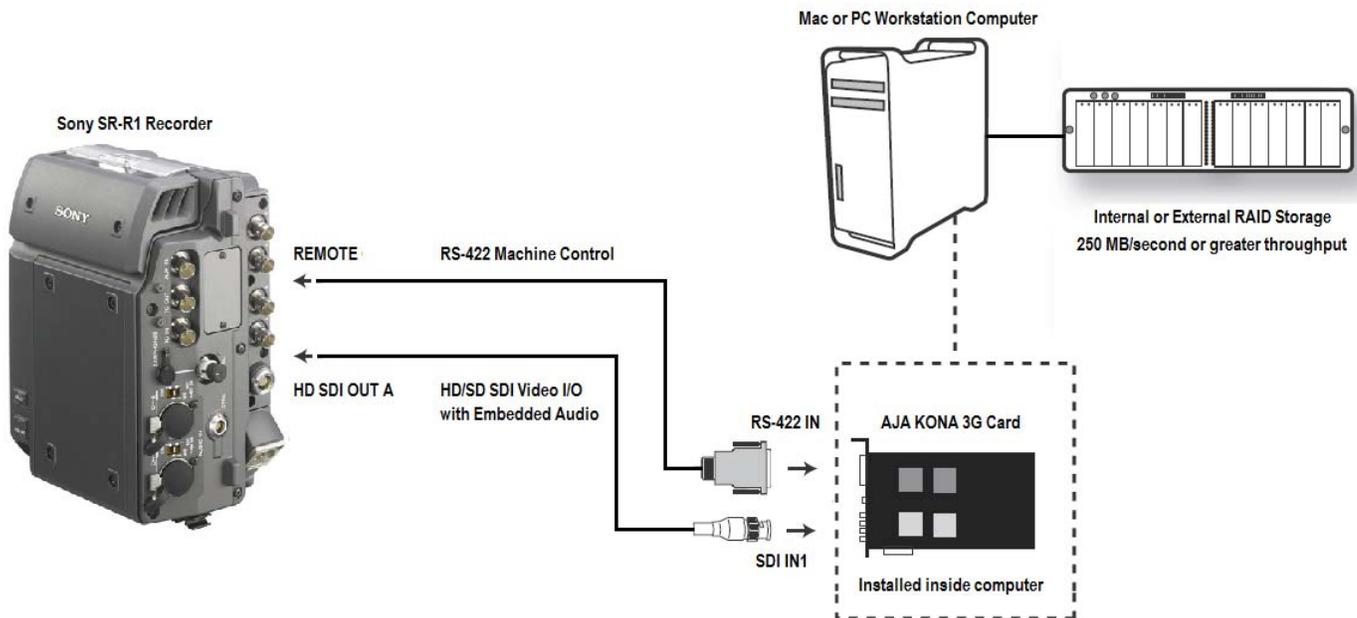


AJA SRExpress System Interconnections for Mac with Io XT

Connections for PC or Mac and KONA 3G

PC or Mac and KONA 3G systems are interconnected as follows:

1. Ensure power is OFF for all devices.
2. Install the KONA 3G card as explained in the KONA manual.
3. Install a 250 MB/second or faster RAID drive suitable for video storage.
4. Connect Sony REMOTE to KONA 3G RS-422 IN (control connection).
5. Connect Sony HD SDI OUT A to KONA 3G SDI IN1 (video/audio data connection).
6. Make all other connections as explained in the manual for each device.
7. Switch power ON for all devices.



AJA SRExpress Typical System Interconnections for PC or Mac with KONA 3G

Software Installation

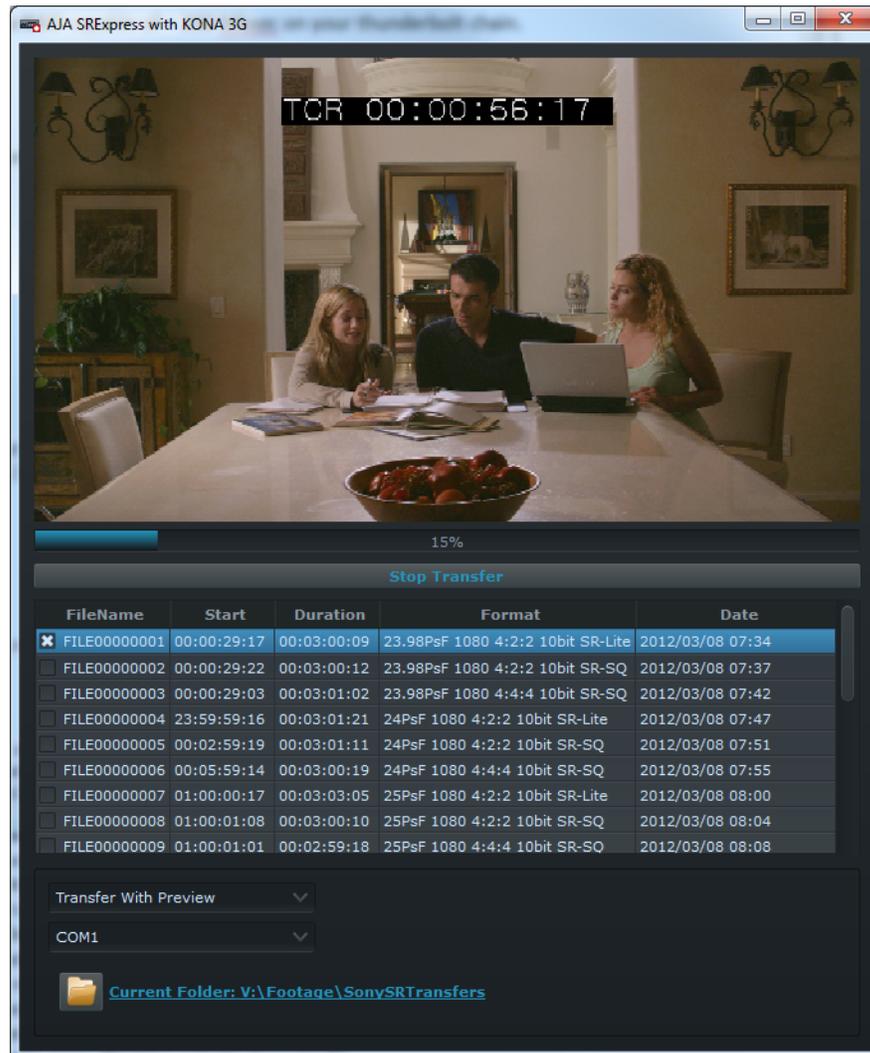
Install the AJA SRExpress application as follows:

1. Install software on the computer according to the instruction manuals for each of the devices. There may be software for the Sony SR-R1, the RAID, the Io XT or KONA 3G, video editing software, and software for viewing MXF files.
2. Download the AJA SRExpress software from the AJA web site, aja.com. First locate the Io XT or KONA 3G product page, and then look for downloads.
3. Copy the SRExpress application disk image (DMG) to your Mac or the .msi installer file to your PC.
4. Double-click the DMG or .msi installer file and follow the prompts to install the application on the Mac or PC.

Using the AJA SRExpress Application

The AJA SRExpress application offers a very quick and easy-to-use interface for transferring .mxf files from the Sony SR-R1 recorder to the Macintosh computer system where the files can be used for editing.

The following illustration and text describe the user interface controls.



AJA SRExpress User Interface

Main Selections

Start/Stop Transfer—Click to start or stop transferring selected files.

File List—Lists files on the Sony SR-R1 available for transfer. Click to select a file. To select multiple files, Control/Cmd-click, or click and drag.

Transfer with/without Preview—Preview displays a still one-per-second preview image of each file as it transfers. Without Preview disables previewing.

Port Selection—Selects the port for communicating with the Sony SR-R1 device.

Current Folder—Selects the destination folder for files transferred to your computer.

Right-Click Menu

Check/Uncheck All Files—Selects or deselects all files in the list (x in the left box).

Rescan File List—Rescans the Sony SR-R1 to discover updates to the file list.

Transferring Files Using SRExpress

The following steps demonstrate typical use of the SRExpress application.

1. On the Sony SR-R1 recorder menu display, select the SRExpress Mode as follows:
 - (a) Press the *System* button on the left.
 - (b) Scroll to *INGEST* and press Enter.
 - (c) Select *SRExpress ON*.
 - (d) Scroll to *SET* and press Enter twice. The SR-R1 reboots automatically. Confirm that *SRExpress* mode is displayed on the control panel after reboot.
2. Launch (double-click) the SRExpress application icon on your computer.
3. Select the port connected to the Sony device from the pull-down port menu. The SRExpress application scans the Sony device and lists its files.
4. Click the file or Control/Cmd-click multiple files in the list that you want to transfer from the Sony to the computer. To select all files, right-click and select *Check All Files*. To deselect all files, right-click and select *Uncheck All Files*.
5. Click the *Current Folder* menu to select the destination folder on the computer where you want the transferred files to be placed.
6. Select the *Preview* pull-down menu if you want to view the files as they transfer. When enabled, Preview shows one still frame for each second of video.
7. Right-click and select *Rescan File List* if you have changed files on the Sony SR-R1 and wish to rescan the file list.
8. Click *Start Transfer* to transfer the files. If you want to stop a transfer in progress, click *Stop Transfer*.

After files are transferred to your computer, they are stored on the local RAID drive where they are available for editing using any editing software that can work with .mxf files.

Viewing MXF Files in Your Editor

MXF files may require a Sony SR plug-in to allow real-time viewing in your editing application. These steps explain how to add the plug-in to allow viewing of MXF files in Avid Media Composer or Final Cut Pro (FCP) editing software.

1. Download the SRViewer plug-in version for your editing software from Sony. There are versions for Avid Media Composer (labeled "SRPA-10") and Final Cut Pro (labeled "SRPM-10").
2. Drill down through the zip files and folders to the installer file (.msi or DMG) for your PC or Mac platform.
3. Double-click the installer file and follow the prompts to install the plug-in.
4. Launch the editing application, Avid or FCP, and create a project or open an existing project.
5. Import the MXF file you want to view into the editor.
In Avid, select *File/Link to AMA Files* to locate and select the file.
In FCP, select *File/Import Files* to locate and select the file. You can also drag and drop MXF files onto the FCP application.

The MXF file you selected using the editor plays in the editor window in real time and can be edited using the editor's tools.

