【Release Note of Memory Media Utility】 30/Mar./2023

Memory Media Utility Software Ver 5.0.0 for macOS is released.
This document describes how to install Memory Media Utility Software and its precautions.
Refer to the operation manual supplied with the SxS Reader/Writer such as SBAC-T40 and the Portable Storage such as PSZ-SC48/96.

[Additional Items in V5.0.0]

- Linkage with DriverKit Extension version SxS Device Driver V5.0.0
  Be sure to use this version of Memory Media Utility when using it in combination with the above version of SxS Device Driver. It cannot be used in combination with the old version.
- Support for macOS 13.2 Ventura

[System requirements]

The Memory Media Utility Ver. 5.0.0 has been tested under the following conditions.

- Operating system
  macOS Monterey 12.4 or later *1 *2
  macOS Ventura 13.2 *2
  *1 Please use macOS 12.4 or later in order to link with the DriverKit Extension version SxS Device Driver V5.0.0. If you are using an earlier macOS 12 Monterey or macOS 11 Big Sur environment, please use the older version 4.7.0.
  *2 In addition to Intel Mac products, Mac products with Apple silicon are also supported.
- Memory
  4GB or more
- Free hard disk space
  500MB or more

Note: These test results may not apply to all computers.

【Installing Memory Media Utility】

For Macintosh

-Unzip [MemoryMediaUtility_5_0_0_mac.zip].
Double-click MemoryMediaUtility_5_0_0_mac.dmg and follow the instructions of the installer.
When you upgrade the software on Mac,
If you want to inherit the media management information (database) registered so far, please install the Mac version by overwriting with the version 5.0.0 installer.
Note: Please note that the media management information will be deleted if you delete it with the uninstaller version 4.6.0 or earlier.

(The version 4.7.0 uninstaller leaves registration information so that it can be taken over.)
Also, when installing, please allow the system software described later.
Please restart the OS after installation to ensure that the setting information is reflected.

-When installing on an M1 Mac with Apple Silicon, you need to change the security policy settings.

Before installing "Memory Media Utility" on a Mac equipped with Apple Silicon, follow the procedure below. You need to change the security policy setting to "Low Security".

1. On the Mac with Apple silicon, select [Shut Down] form Apple menu.
2. Press and hold the power button until you see "Loading startup options."
3. Click [Options], then click [Continue].

4. In macOS Recovery, if you are prompted for user selection, click [Next] and enter the password for an administrator account, if required.
5. In the Recovery Application, select [Startup Security Utility] from the [Utilities] menu.
6. Select the startup disk you want to use to set the security policy.
   If the disk is encrypted with FileVault, click [Unlock], enter the password, then click [Unlock].
7. Click [Security Policy].
8. Select [Reduced Security], then select the [Allow user management of kernel extensions from identified developers] checkbox to allow installation of software that uses legacy kernel extensions and enter the password for an administrator account, if required.
9. Restart your Mac to apply the changes.

-Installing on macOS 12.4 or 13.2, you need to allow "Load system software".

Open the "Security & Privacy" screen of "System Preferences" as shown below, and be sure to "Allow" "Load system software" if read permission is required. Not required if it was already allowed during the previous installation, such as in an overwrite installation. However, if there are any new additions, please check them.

1. Open "Security & Privacy" from "System Preference" and
2. Press the "Allow" button on right side of "System Software was blocked from loading..."
3. Check out the System software of "Sony ******." and press "OK".
   If the following dialog is displayed during installation, select "Open Security Preferences".
   This will open the "Security & Privacy" screen. The following is an example for macOS Monterey.

Note:

If you do not allow it during installation, it will return to its original state after restarting the OS. In that case, run the installer again and set the permission of the System software.

[Language]

Memory Media Utility automatically switches between EN and JP according to the language that a system is operating in.

[Restrictions]

- Ejecting media:
  You can eject with the Eject button of each drive displayed on the "SxS Reader/Writer Display" screen. However, the SBAC-T40 must be removed from "Safely remove hardware" in Windows.

- Connecting Mac via USB3.0:
  - Recommend connecting an AXS-CR1 to a USB3.0 port equipped with Mac as standard.
  - Third party USB3.0 cards may not recognize AXS-CR1 properly, or fail to transmit recovery clip data correctly. Especially when you transferred clip files, check to see the result using application software such as Catalyst Browse.

[Precautions]

1. Operating Utility
   - If you start operating Utility before the mount is completed, the computer may become unstable.
     - Make sure to complete mounting media on OS, and then start operating Utility.
     - If you mount it with the OS standard file system driver, access will be slow, so please mount the media after the OS starts.

   - Fully formatting the SxS memory card
     - Formatting cannot be performed when a media is accessed or opened by Finder and Explore.

- If you disconnect the cable during operation, the media may be damaged or your computer may become unstable. If this happens, wait a moment and then reinsert the SxS memory or restart your computer. If the media or reader/writer is not broken, it will return to normal.

- Updating the firmware of the SxS Reader/Writer.
  - If the connection between the PC and the SxS reader/writer is unstable(It may or may not be recognized, recognition may be canceled without permission, etc.), there is a risk that the firmware update will fail.In this case, do not carry out this procedure and contact the service window.
  - Never disconnect the cable or turn off the PC, during the firmware update.
  - If the message "Update failed" is displayed, do not remove the USB cable and try the firmware update again.
  - If a recording media is inserted in the SxS reader/writer, the firmware update cannot be executed, so remove the recording media before proceeding.
  - After updating the firmware, remove the SxS reader/writer, wait at least 5 seconds, and then reconnect.

2. Setting a computer

It is recommended to use the computer in "High-performance mode." Other mode setting may interfere with the proper operation of SxS Reader/Writer drive.

Alternatively, use it with the automatic sleep disabled temporarily.

For Mac Laptop products,

select System Preference > Battery from the Apple menu and change the following items.

- Battery Low Power Mode : Set to Never or uncheck
- Put the hard disk to sleep if possible in Option : Set to Never

(If there is a display off time slide setting, set to Never if possible)

For Mac Laptop or Mac Desktop (Intel Mac) products,

select System Preference > Power Saving or Battery from the Apple menu and change the following items.

- Enable Power Nap : Disable

For Windows,

If you set the display method of the control panel to icons, open Power Options > Change plan settings > Change advanced power settings) in the control panel and change the following items (If you set the display method to category, the hierarchy will be deeper).

- [Sleep]-[Sleep after the next time] : "None"
- [USB]-[USB Setting]-[USB Selective Suspend Setting] : “Disable”

The Thunderbolt power saving mode can be changed in the UEFI BIOS before starting the OS. Please contact your PC manufacturer for proper BIOS settings for your PC.

For HP Elitebook, you can change it by setting Advanced > Port Options > Thunderbolt PCIe Hot plug Mode in UEFI BIOS to "Native + Lower Power mode" and confirming with Save and Exit in Main Menu.

The following storage management software may also be improved by temporarily disabling it or excluding it from the management target.

Ex) Resident anti-virus software, backup tool, self-encrypting drive management service, RAID management software

3. Initializing SxS Memory card and SONY Portable Storage or Professional RAID

Make sure to perform formatting media by the format function of Memory Media Utility. Do not initialize with the OS standard format function. Can be mounted with Sony camcorders and player/recorders.

4. To use Memory Media Utility or a UDF formatted memory card

If you want to use the Memory Media Utility or use the functions related to UDF-formatted SxS memory cards, you need to install the SxS UDF Driver V5.0.0. Please download and install from Sony's web site.

https://www.sonycreativesoftware.com/sxsudfdriver

5. To use SxS reader/writer "SBAC-T40" or an ExpressCard slot:

Using SxS Memory Card to connect the SBAC-T40 or ExpressCard Slot of PC, you need to install the SxS Device Driver V5.0.0. Please obtain another product, SxS Device Driver from the following and install it.

https://www.sonycreativesoftware.com/sxsdriver

6. To use SxSPROX memory card

If the firmware of the SxS reader/writer is old, the connection with the PC may not be stable. In that case, it can be improved by updating to the latest firmware included in this software.