

# Precautions and restrictions when using the FT-S5000 and ColorGeniusEX

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We would like to take this opportunity to sincerely thank you for choosing the DAINIPPON SCREEN FT-S5000. This document describes some precautions and restrictions which should be observed when using the FT-S5000 and ColorGeniusEX. Please read this manual thoroughly before using either, and keep it at hand to refer to as necessary.

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## <Required system>

### - Macintosh model: Power Macintosh G4 or higher

### - System software:

When using system software later than Mac OS v9.2(\*1) or Mac OS X v10.2.8 (\*2)  
System software Mac OS X 10.3 or more is recommended.

\*1 CarbonLibV1.6 or higher is required in order to use ColorGenius EX under Mac OS 9.

\*2 At the time of its release, ColorGenius EX operation had been tested using operating systems up to Mac OS X v10.4..2

### - Memory capacity:

When used in a Client-Server environment, 512 MB or more is recommended.

When Server and Server assistant are to be used, 384 MB or more is recommended.

When only Client is to be used, 384 MB or more is recommended.

### - Hard disk free space:

5 GB or more is recommended, or five times the digital size of input images.

### - SCSI Card

Adaptec PoweDomain2930U (\*) or Adaptec PowerDomain29160N

\* PoweDomain2930U cannot be used in G5 Macintosh.

### - Display:

21-inch full color display (17 inches and 32,768 colors minimum).

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### **<Before using this version>**

#### **- Upgrading ColorScopePro3 and ColorGenius to ColorGenius EX**

When upgrading the present software to ColorGenius EX Ver. 2.x, note that the upgrade procedure differs between ColorScopePro3 and ColorGenius. Make sure to read "CGEX V2 UpdateManual(5000).pdf".

#### **- When used in a Mac OS X environment**

Read "Precautions for Mac OS X"

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### **<Precautions and restrictions when using ColorGeniusEX>**

#### **- Printer profiles**

- When the hot folder is operated with the recipe file created with additional extension on the image file name, the image file name is attached the extension of the image file format.
- Printer profiles that come with ColorGenius (SWOPDS, JapanColorDS, and EURODS) should not be used with the "Make a calibrated image for the printer" setting of ColorGenius EX's ColorSync setup. Doing so may result in errors.

#### **- About hot folder**

- Drag the folder that contains an image and a recipe file (ICC-profile), and drop it into one of two drag and drop type hot folders ("Image + context" type or "Image + ICC-Profile (folder)" type). If the contents of the folder differs from the one described above, processing will not be performed appropriately.

#### **- Client/server connection**

- When using the client application and server application on , TCP/IP setup is required. For TCP/IP setup, refer to "Chapter 2 Operation environmental settings" in the ColorGeniusEXmanual2.0.pdf file.  
Make sure "Manually" is selected in the "Configure" pop-up menu in the TCP/IP Control Panel. If DHCP or another item for which the IP address is automatically changed is selected, ColorGenius EX may not operate normally.
- If "PPP" is selected from "Connect via" for the TCP/IP setup in the Mac OS9, the application may not startup appropriately. For that reason, please be sure to specify "Ethernet", instead of "PPP".

- If you try to connect to a server from ColorGeniusEX while the Macintosh is not physically connected to the network, the server may not display in the Server connection dialog box. In this case, type in 127.0.0.1 for the IP address, and 10150 for the Port number.
- With ColorGeniusEX, up to three client computers can be interfaced with one server computer. When two or more client computers are used, you must acquire the same number of client applications as the number of clients to be used.

#### **- Behavior under the intensive process execution**

If there are too many processes to be executed concurrently in the ColorGenius EX, the time required for the process becomes much longer. For example, if you open several image files in one operation, or perform "Execute" or "Register" of a large image in the Local Storage, while the scanning process is being performed, the progress bar remains still for a few minutes. This, however, is not an erroneous condition.

#### **- Concerning the customization of profiles**

Be sure to deactivate the current RGB tone functions before specifying the necessary commands for creating profiles; otherwise, the MIN/MAX and K-Shift values to be used in the created profile may greatly deviate from the desired values.

Therefore, be sure to cancel the "RGB tone function" before you choose the profile making command, except when you intentionally wish to use the above function.

And when making fine CMYK tone curve adjustments, use the individual C, Y, M, and K curves separately.

When the profile making program makes a profile, it assumes that you will ordinarily adjust the gray balance using the RGB (color rendition) function for your target type of printing materials prior to scanning originals. Therefore, the RGB tone function has been set effective in the standard mode. Due to the above reason, even if you simply make a profile without any adjustments, the completed profile will contain an RGB tone adjustment, which makes it different from your target profile.

This problem will be compounded as you repeat making profiles.

Therefore, the current RGB tone functions must be deactivated before specifying commands for creating profiles (particularly profiles for printed matter).

#### **- Selected color modification**

Note that the information or multi-point palette displays CMYK values between 0% and 100% if "Use selected color tone" or "Use selected color modification" in the "Selected color modification" dialog box is checked before images in CMYK format are output.

#### **- Concerning the manually HD/SD fine-adjusted**

Note that the manually fine-adjusted highlight and shadow densities are reference values. Therefore, they do not always match the actual measured values.

## **- Saving scanned images**

- Under the following conditions, scanned images may occasionally not be saved in the intended locations .

### **(Conditions)**

- \* Two or more memory devices with the same volume name are mounted in the Macintosh computer running Server.
- \* Scanned images are to be saved in one of two (or more) locations whose memory devices volume names and mounting locations are also the same. (Ordinarily, these locations may be in the same folder or on the same desktop.)
- \* A memory device other than the one you wish to save images in is mounted or unmounted just before saving.

### **Sample case where the above problem may occur:**

1. Insert the CD-ROM into the drive of Mr. A's Macintosh, and then Mr. A mounts a memory device incorporated in Mr. B's Macintosh.
2. Now Mr. A's Macintosh includes a CD-ROM and two Macintosh HDs.
3. Mr. A sets up ColorGeniusEX in such a manner that images can be saved in the desktop folder of Mr. B's Macintosh HD.
4. Both the CD-ROM and Mr. B's Macintosh are unmounted from the Mr. A's Macintosh.
5. The HD of Mr. B's Macintosh is mounted to the Mr. A's Macintosh again.
6. At this stage, scanned originals may be mistakenly saved on the desktop of Mr. A's Macintosh HD.

## **- Number of originals that can be batch scanned:**

- Up to 99 scans can be performed, using batch scanning or background scanning.

## **- A limitation on entry file size**

- The ColorGeniusEX can execute files that contain up to 30,000 x 30,000 pixels. However, files whose digitalized size exceeds 2 GB cannot be handled.  
However, when inputting the image from a scanner, there is a restrictions of scanner. In this case the ColorGeniusEX can execute files that contain up to 12,000 x 30,000 pixels.

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**<Concerning the ColorSync profiles in the ColorGeniusEX>**

The ColorSync profiles are installed in the ColorSync Profile folder in the System Folder at the same time that the ColorGeniusEX is installed in the System Folder. The ColorSync Profiles are used with the ColorGeniusEX monitor simulation function, which is accessed by selecting the “Environment” and, then, “ColorSync simulation” menus. These profiles allow operators to simulate images on the monitor before printing.

### **-Profiles for different printing conditions**

- DS\_SWOP2 Std 175SQR.icc

The profile is suitable for the following printing conditions:

Art coated paper, SWOP compliance ink, 175 LPI, Square dot

- DS\_EURO2 Std 175SQR.icc

The profile is suitable for the following printing conditions:

Art coated paper, EURO compliance ink, 175 LPI, Square dot

- DS\_JAPAN314 Art 175CHN.icc

The profile works in the same manner as the existing JapanColorDS profile and is suitable for the following printing conditions:

Art coated paper, TOKA ink, 175 LPI, Square dot

- DS\_JAPANnew HiMK 175SQ.icc

This new DS standard profile is suitable for the following conditions.:

Hi-Mckinley paper, TOKA ink, 175 LPI, Square dot

- Press profile

If you wish to specify any press profiles other than those above for the ColorSync setting in the ColorGenius EX, make a copy of the press profile in the output folder under the ColorGenius ICC folder.

### **-Profiles for different type monitors**

- DS\_std\_RGB for MacCRT.icc

This profile is suitable for monitors used with Macintosh computers.

### **-Profiles for scanners**

- 5000stdRGB

This profile adjusts RGB images to be output from the FT-S5000.

- 5500stdRGB

This profile adjusts RGB images to be output from the FT-S5500.