



# Usage Guide

(ColorNavigator 6 Upgrade Edition)

## ColorNavigator 7

Color Management Software

Version 7.0

### **Important**

Please read this Usage Guide carefully to familiarize yourself with safe and effective usage.

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- The latest product information included in this Usage Guide can be checked on our web site.

[www.eizoglobal.com](http://www.eizoglobal.com)

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# About This Manual

**This manual is intended for those who have been using ColorNavigator 6 and have upgraded to ColorNavigator 7.**

## **For how to install and run ColorNavigator 7**

Please read the ColorNavigator 7 Installation Guide.

## **For those using ColorEdge for the first time**

Please read the ColorNavigator 7 Usage Guide (First Edition).

## **For those upgrading from ColorNavigator NX**

Please read the ColorNavigator 7 Usage Guide (ColorNavigator NX Upgrade Edition).

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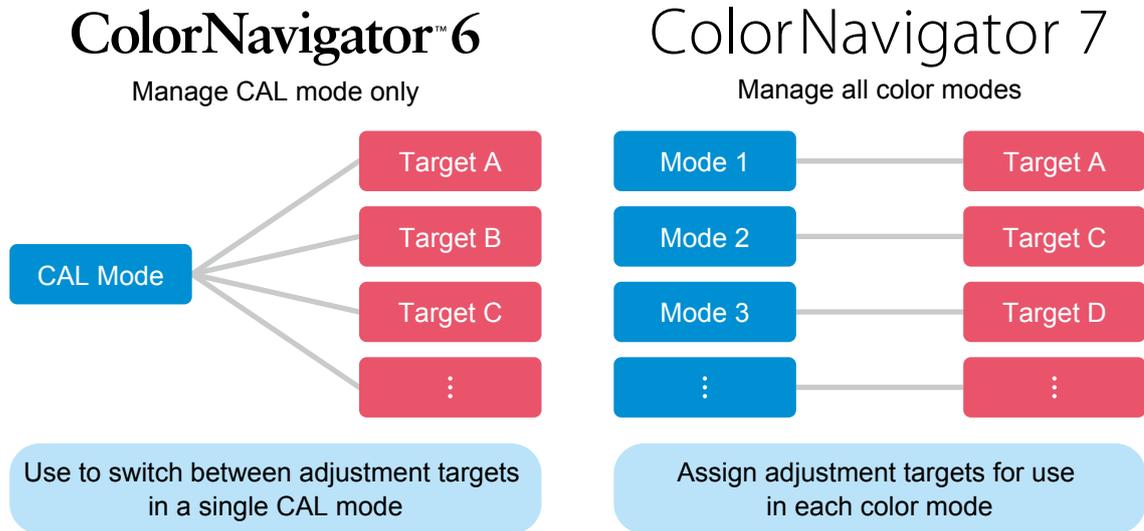
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# Chapter 1 Differences between ColorNavigator 6 and ColorNavigator 7

There are some differences in the basic methods of using ColorNavigator 6 and ColorNavigator 7. This section provides a representative example of the differences.

## ● Relationship between adjustment target and color mode

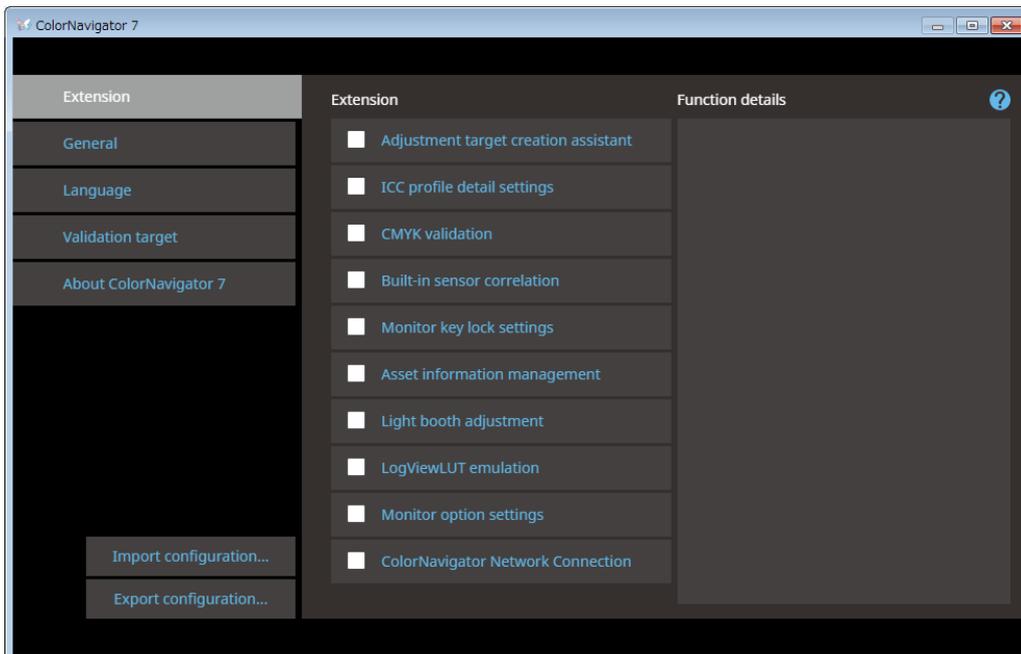


### Note

- When upgrading from ColorNavigator 6, the targets used in ColorNavigator 6 are carried over to ColorNavigator 7.

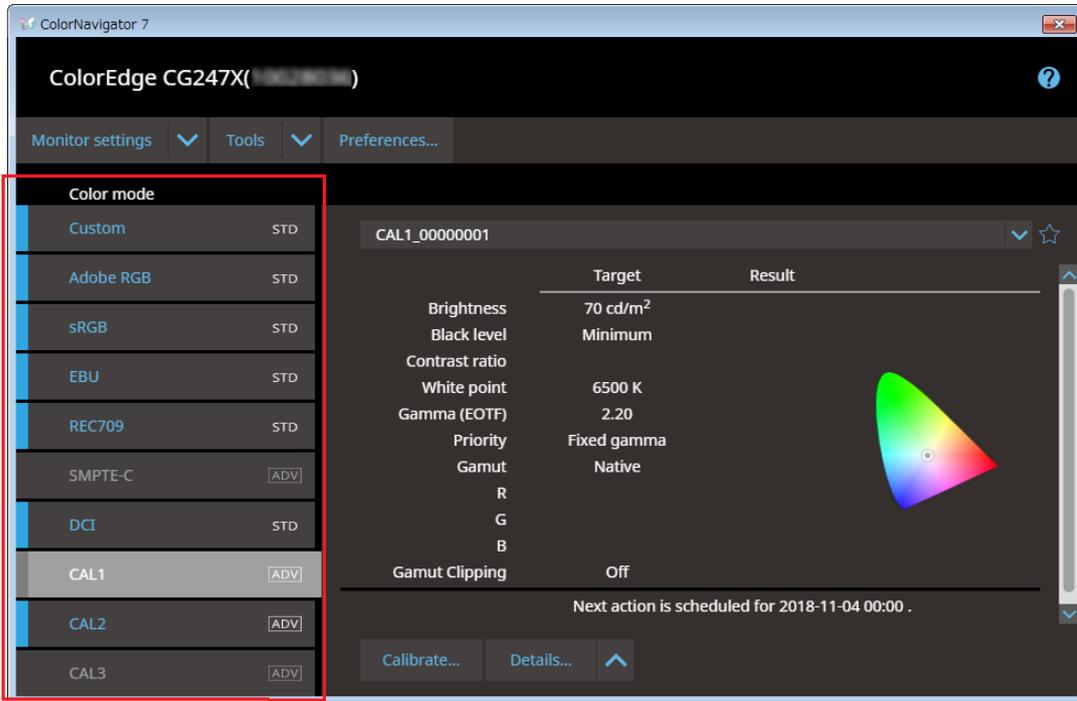
## ● Extension

In ColorNavigator 7, only basic functions are displayed in the default state. Advanced functions such as CMYK validation, sensor correlation, and Log View LUT1 emulation can be used by opening the Preferences dialog box, putting a check in “Extension”, and enabling only the necessary functions.



# Chapter 2 Differences between Standard Mode and Advanced Mode

The two types of color mode are Standard Mode and Advanced mode.



## ● Standard Mode

Allows you to perform basic adjustment including brightness, white point, gamma and color gamut. When the color mode with **STD** displayed is selected and "Calibrate" is performed, all Standard Mode items will be calibrated.

## ● Advanced Mode

Allows you to perform advanced screen adjustment including middle tone color matching (gray balance adjustment) and black level adjustment. Calibration is required for each item of Advanced Mode and every adjustment target.

### Note

- User's Manual may describe "Calibration Mode" depending on the models you use.
- Targets transferred over from ColorNavigator 6 are set in Advanced Mode (CAL mode).

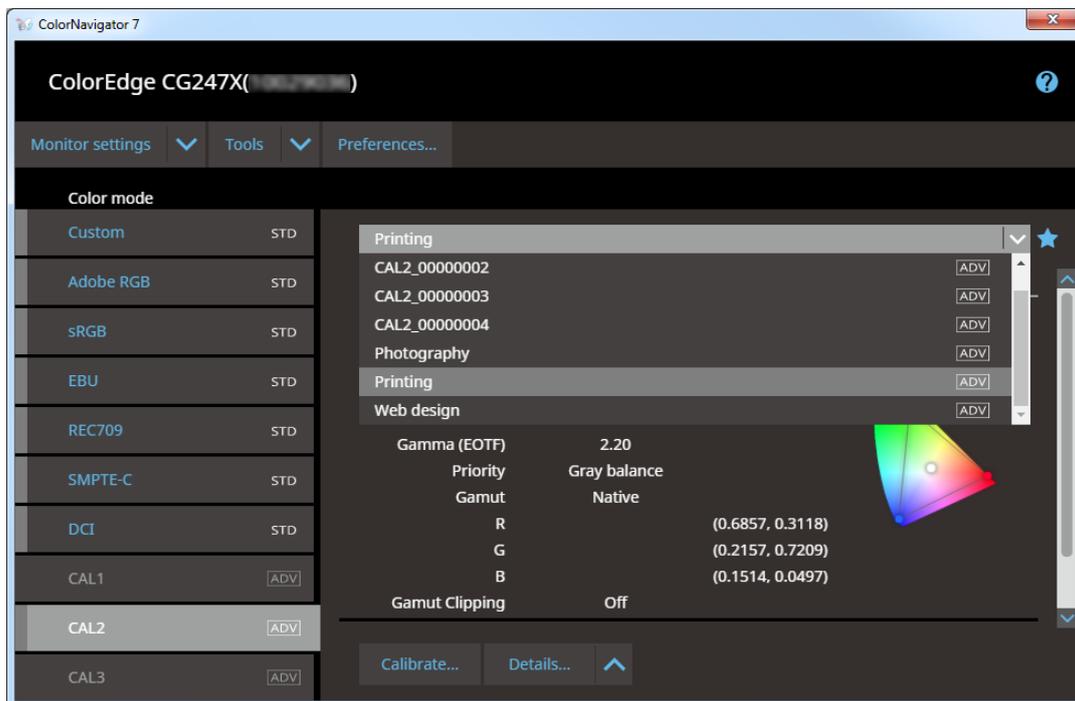
# Chapter 3 Select Adjustment Targets Transferred from ColorNavigator 6 and Perform Calibration

## 1. Check that the monitor and PC are properly connected

For details, refer to the Setup Guide included with the monitor. When using a measurement device, check that the measurement device is connected to the main unit of the PC, or to the USB downstream port of the monitor.

## 2. Start up ColorNavigator 7

## 3. Select CAL mode from the color mode list



Select the adjustment target transferred over from ColorNavigator 6 from the target list.

## 4. Click “Calibrate”

## 5. Select the measurement device

Select a measurement device according to the software instructions.

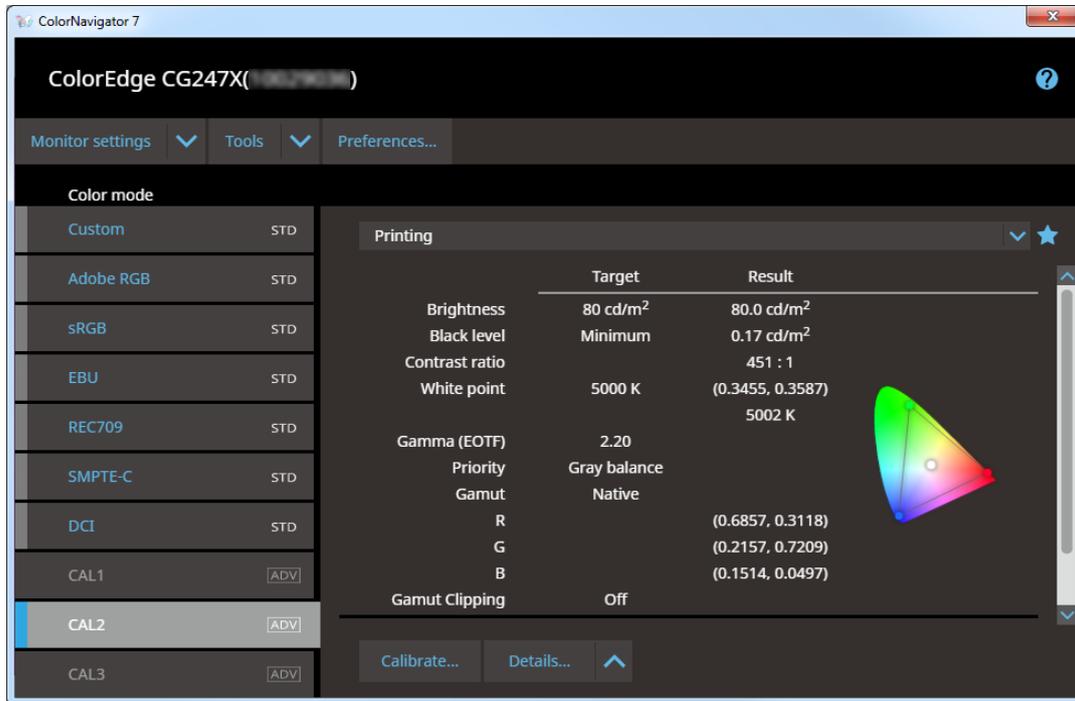
### Attention

- Be sure that light does not seep through to the sensor of the measurement device during initialization. Precise adjustment results cannot be obtained if light is detected during the initialization process.
- Depending on the measurement device to be used, remove the check from the “Display automatically detected device.” check box to display the device. For details, refer to Help for ColorNavigator 7.
- Select a measurement device that can use its own compensation function to display “Compensation function of the measurement device”. Select the compensation table to be used from the pull-down menu. For details, refer to Help for ColorNavigator 7.

## 6. Calibration starts

The measurement window is displayed on the screen. Follow the software instructions to start monitor adjustment.

When the calibration has completed, the calibration result is displayed. Click “Finish” on the calibration result screen to put the calibrated Advanced Mode into the calibration completed state.



### Note

- If a problem with monitor measurement occurs, refer to Help for ColorNavigator 7.

# Chapter 4 Points Requiring Attention When Upgrading from ColorNavigator 6

- Since targets that were used in ColorNavigator 6 are transferred to ColorNavigator 7 when upgrading, ColorNavigator 7's preset targets will not be displayed.
- Calibration is not possible in Standard Mode when using CS230, CS240, CS270, CX240, or CX270. Perform calibration with CAL mode.
- All targets transferred over from ColorNavigator 6 are now Advanced Mode.

## 4-1. Calibration for Standard Modes

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All of Standard Mode is put in calibration completed status by selecting Standard Mode and clicking "Calibrate".

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**Note**

- Standard Mode validation cannot be performed.
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# Chapter 5 Model Limitations

Some functions are limited depending on the model being used.

## Applicable Models

CS230, CS240, CS270, CX240, CX270  
CG245W, CG246, CG275W, CG276

## Limitations

- Color mode type switching (between Standard and Advanced) cannot be performed.
- Standard Mode adjustment targets do not display in the target list. However, editing of adjustment targets and manual adjustment are possible.
- The emulation function cannot be used.
- Use Advanced Mode when using CS230, CS240, CS270, CX240, or CX270.

## Applicable Models

CG220, CG210, CG211, CG221, CG222W, CG223W, CG232W, CG241W, CG242W, CG243W,  
CG301W, CG303W

## Limitations

- Cannot operate ColorNavigator 7. Use ColorNavigator 6.

# Chapter 6 Troubleshooting

Problem	Possible cause and remedy
Can't find the User's Manual	<ul style="list-style-type: none"> <li>Click "?" to display Help.</li> </ul>
Can't find what I want to search for in the User's Manual (Help)	<ul style="list-style-type: none"> <li>Try searching by key word.</li> </ul>
I want to calibrate regularly	<ul style="list-style-type: none"> <li>Select "Management Policy" from the "Monitor settings" menu, and set the management policy.</li> </ul>
Can't edit the target	<ul style="list-style-type: none"> <li>If it is a favorite target (marked ★), the target cannot be edited.</li> <li>Click the ✖ mark to remove it from favorites (marked ★✖), and then edit the target.</li> </ul>
Monitor is not recognized	<ul style="list-style-type: none"> <li>Check the USB connection of the monitor.</li> <li>Check whether the monitor was compatible with ColorNavigator 7.</li> <li>If the monitor has two USB upstream ports, check whether it is connected to an active port.</li> </ul> <p>For details, refer to the User's Manual of the monitor being used.</p>
Can't change color mode names	<ul style="list-style-type: none"> <li>There are limitations in characters and the number of characters that can be used for color mode names.</li> <li>The characters that can be used are alpha numerical characters, hyphen "-", round brackets "()", underscore "_", and spaces (all half size).</li> </ul>
Don't know how to perform Built-in Sensor Correlation	<ul style="list-style-type: none"> <li>Open "Preferences", and activate the "Extension" "Built-in sensor correlation".</li> </ul>
Can't find the adjustment targets of ColorNavigator 6	<ul style="list-style-type: none"> <li>If ColorNavigator 7 is installed on a system that has never had ColorNavigator 6 installed, ColorNavigator 6 adjustment targets will not be displayed.</li> </ul>
Can't find the functions that were used in ColorNavigator 6	<ul style="list-style-type: none"> <li>Open the "Preferences" Dialog Box and activate the necessary functions from "Extension".</li> <li>ICC Profile Emulation function and Device Emulation function are scheduled to be installed in later versions.</li> </ul>
Can't retain ColorNavigator 6	<ul style="list-style-type: none"> <li>ColorNavigator 7 and ColorNavigator 6 cannot be installed concurrently in the same environment due to software specifications. Please choose one software or the other to use.</li> </ul>
There are items that cannot be manually adjusted	<ul style="list-style-type: none"> <li>Manually adjustable content will vary by adjustment target depending on the model of the monitor being used or the color mode being displayed.</li> <li>Edit targets when adjusting gamma (EOTF) or color gamut in Standard Mode.</li> <li>If it seems as though fine adjustments are not possible using manual adjustment in Standard Mode, perform manual adjustment after calibrating with Advanced Mode.</li> </ul>
"Reset the target to default. Part of the target set on the monitor is unspecified. Reset the unspecified items to default." message appears	<ul style="list-style-type: none"> <li>This message will be displayed in the following situations when the targets set on the monitor with ColorNavigator 7 cannot be read correctly. <ul style="list-style-type: none"> <li>When gray balance adjustment is being performed with ColorNavigator 6 or ColorNavigator NX</li> <li>When LUT is set in target gamma</li> </ul> </li> <li>Unspecified adjustment targets are changed to the factory values of each color mode.</li> <li>Adjustment targets transferred from ColorNavigator 6 to ColorNavigator 7 can be correctly used. Select a target and perform calibration.</li> </ul>
A "Not optimized for Mac." message appears.	<ul style="list-style-type: none"> <li>There is no problem with the operation of this software. Click "OK" to use as is.</li> </ul>
A "Requesting access to control "System Events"" message appears. (On Mac only)	<ul style="list-style-type: none"> <li>Processing necessary to start up the software at system startup. Since it is required in order to enable the resident function (ColorNavigator Agent) of ColorNavigator 7, click "OK". Clicking "OK" will not have any serious effects on the system.</li> </ul>



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