Dedicated Color Management Software for ColorEdge

ColorNavigator 7

COLOREDGE AND COLORNAVIGATOR 7 ENSURE CREATIVES WITH VARYING NEEDS ACHIEVE THE MOST ACCURATE COLOR DISPLAY.

What is ColorNavigator 7?

Free Software for ColorEdge Series Color Management Monitors

ColorNavigator 7 is the latest calibration and quality control software for ColorEdge color management monitors. It combines all the features of EIZO's previous color management software, ColorNavigator 6 and ColorNavigator NX, to create a new and improved solution for creatives in a range of fields.
The proprietary software makes calibration simple and produces predictable results for photography, design, print, and video creation.

Color Management Software
ColorNavigator™ 6

Client-Side Color Management Software
ColorNavigator™ NX

➡ **ColorNavigator 7**

Photography

Print

Web Content Creation

Video Creation

ColorNavigator 7 Features

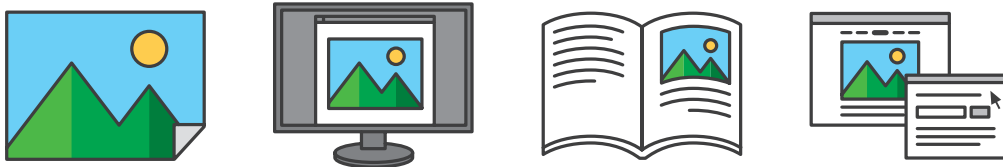## Increased Productivity by Saving Time and Labor when Calibrating

ColorNavigator 7 can calibrate every color mode simultaneously so you do not have to spend time managing each one individually. This saves time and ensures your screen remains accurate no matter which color mode you work in.

For older ColorEdge models, including CS230, and for those who have upgraded from ColorNavigator 6, each target must be calibrated individually.

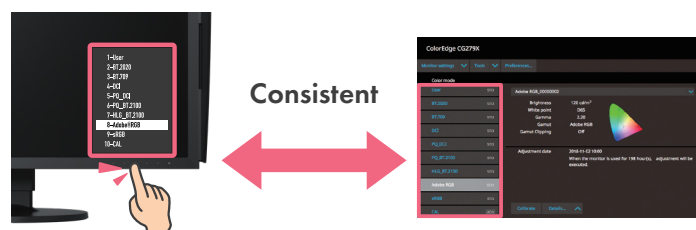## Choose from Multiple Color Modes that Suit Your Creative Field

Photography, design, print, web creation, and more – ColorNavigator 7 includes multiple color modes such as sRGB, Adobe® RGB, and standards for film creation, so you can choose the one that matches your field's target values.

Quickly Change Color Modes Simply by Pressing the Monitor's Front Buttons

ColorNavigator 7's color mode list is populated according to the monitor's OSD menu so you can rest assured that all possible options are covered. After calibration, you can quickly and easily change modes using the monitor's front buttons even when the software is not running.
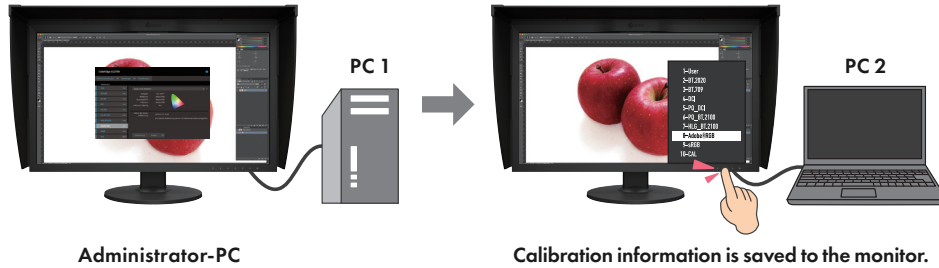
When ColorNavigator 7 is running in the background, changing the color mode via the monitor's OSD automatically adjusts the profile on the computer's OS to match.

Consistent

Additional Features

Calibrate Multiple ColorEdge Monitors with an Administrator PC

With ColorNavigator 7, calibration information carried out by the administrator's PC is saved to each ColorEdge monitor instead of the operating system. This means that individual users do not need to recalibrate the monitor, even when using a different PC from the administrator.

PC 1

PC 2

Administrator-PC

Calibration information is saved to the monitor.

Film Emulation with 3D LUT

ColorNavigator 7 can create emulation data from the 3D LUT of the video content used in the color grading system for matching the look of the film on a CG series monitor.
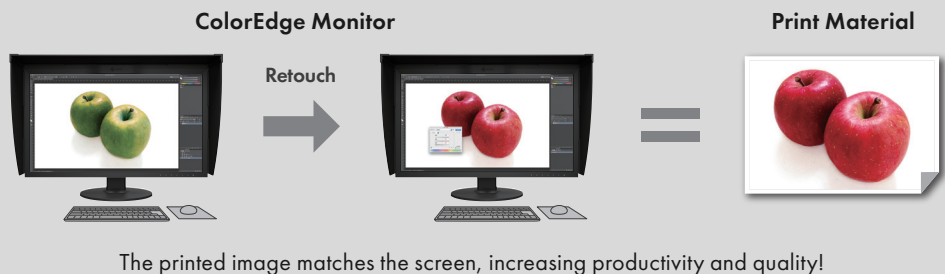

Supported by CG3145, CG319X, CG248-4K, CG279X, CG277, and CG247X only.

Why is Calibration Important?

For example, if you are creating print material...

ColorEdge Monitor

Print Material

Retouch

ColorEdge monitor with correct display after calibrating with ColorNavigator 7.

The printed image matches the screen, increasing productivity and quality!

Conventional Monitor

Print Material

Retouch

Uncalibrated monitor with incorrect display.

The printed image does not match the screen, consuming time and resources to correct.

EASY 3 STEP CALIBRATION

You can calibrate your monitor easily in just 3 steps.

ColorEdge CG279X

Monitor settings ∨ Tools ∨ Preferences...

STEP 1

User	STD
BT.2020	STD
BT.709	STD
DCI	STD
PQ_DCI	STD
PQ_BT.2100	STD
HLG_BT.2100	STD
Adobe RGB	STD
sRGB	STD
CAL	ADV

STEP 2

Adobe RGB_00000002

Brightness	120 cd/m²
White point	D65
Gamma	2.20
Gamut	Adobe RGB
Gamut Clipping	Off

Adjustment date 2018-11-02 10:00
When the monitor is used for 198 hour(s), adjustment will be executed.

STEP 3

Calibrate Details... ∧

Print Proofing
Brightness: 120 cd/m²
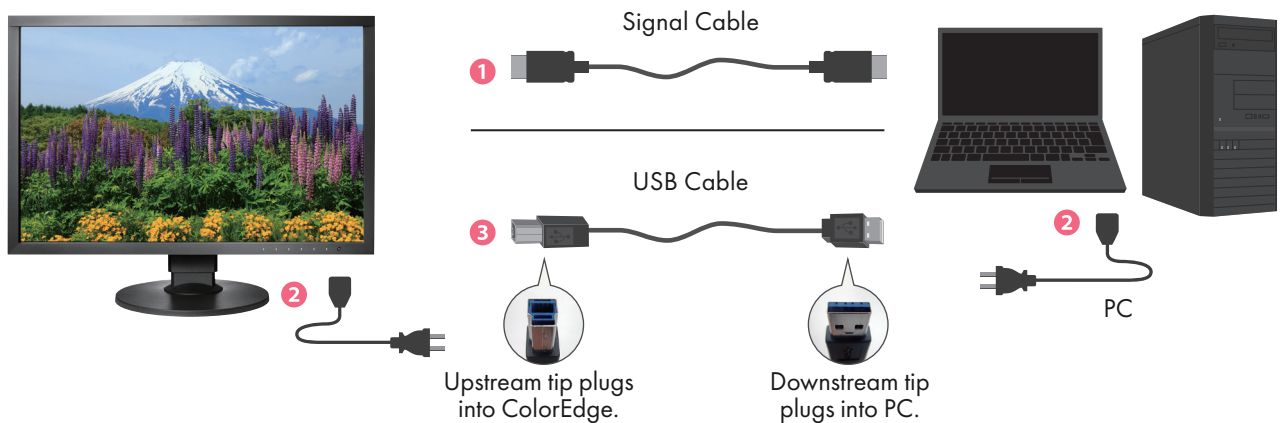Color Temperature: 5000K
Gamma: 2.2
With Gray Balance
Gamut: Native

sRGB
Brightness: 120 cd/m²
Color Temperature: 6500K
Gamma: 2.2
Gamut: sRGB

Adobe® RGB
Brightness: 120 cd/m²
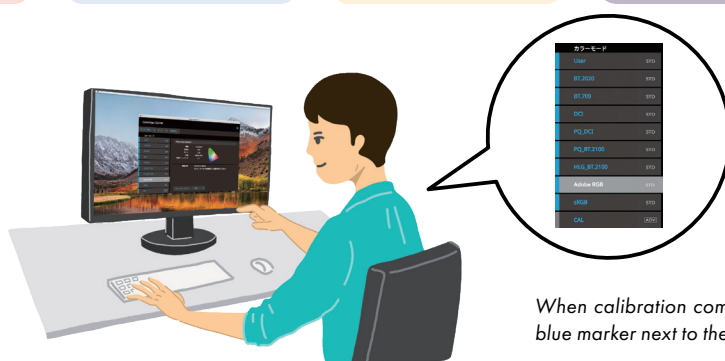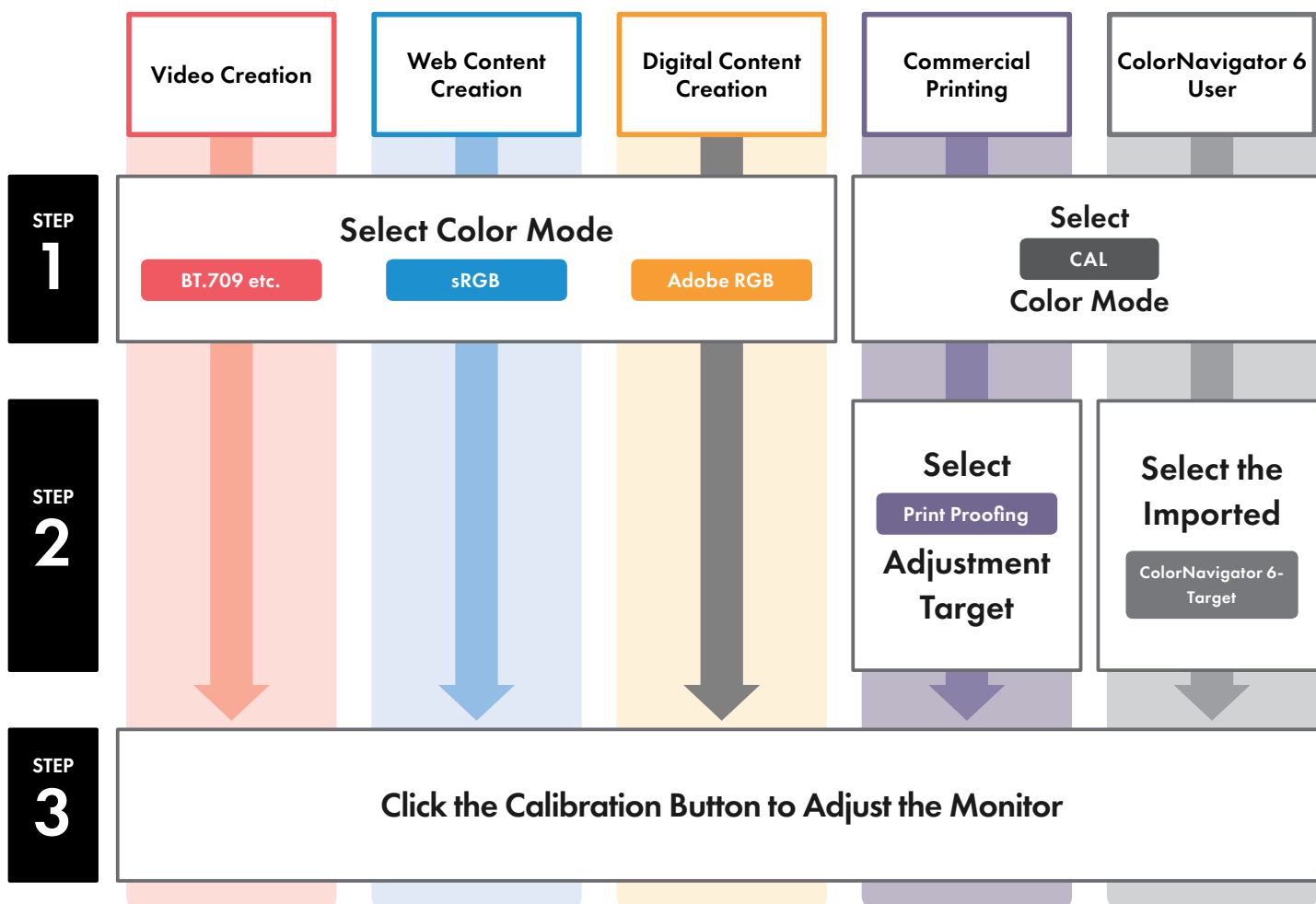Color Temperature: 6500K
Gamma: 2.2
Gamut: Adobe® RGB

Before You Begin

Check that your ColorEdge monitor is correctly connected to your PC.

1. Connect the monitor to the PC using the signal cable.
2. Connect the monitor and PC to the power and turn them on.
3. Connect the monitor to the PC using the USB cable.

Signal Cable

USB Cable

Upstream tip plugs into ColorEdge.

Downstream tip plugs into PC.

PC

Select the Target Appropriate for Your Use

Video Creation	Web Content Creation	Digital Content Creation	Commercial Printing	ColorNavigator 6 User

STEP 1

Select Color Mode

BT.709 etc.	sRGB	Adobe RGB

Select `CAL` **Color Mode**

STEP 2

Select `Print Proofing` **Adjustment Target**

Select the Imported `ColorNavigator 6-Target`

STEP 3

Click the Calibration Button to Adjust the Monitor

カラーモード
User — STD
BT.2020 — STD
BT.709 — STD
DCI — STD
PQ_DCI — STD
PQ_BT.2100 — STD
HLG_BT.2100 — STD
Adobe RGB — STD
sRGB — STD
CAL — AUTO

When calibration completes, the adjusted modes will have a blue marker next to them.

After completing the above steps, your monitor will display colors accurately. Close ColorNavigator 7 and you can start creating!

When Upgrading from ColorNavigator 6

The steps for users who have upgraded from ColorNavigator 6 to ColorNavigator 7, or who are using older ColorEdge models, including CS230, will differ from this guide. For details, please visit: www.eizo.eu/cn7

Why is Regular Calibration Needed?

With continued use, monitors lose the ability to display colors correctly, causing them to become darker (decreased brightness) or change in hue (white point deviation). To restore the monitor to its original state, it is necessary to readjust the monitor through regular calibration.

Restore

Do this every 200 hours!

Correct Display **Changes with Use Over Time** **Recalibrating the Monitor**

With ColorNavigator 7 and ColorEdge, you can easily recalibrate the monitor for reliable results!

Recommended with ColorNavigator 7

ColorNavigator 7 supports the below calibration sensors and system environment (as of November, 2018).

Supported Major Calibration Sensors	
X-Rite	i1Monitor, i1Pro, i1Pro 2, i1Studio, i1Display 3, i1Display Pro
	ColorMunki PHOTO ColorMunki DESIGN
Datacolor	Spyder4, Spyder5
EIZO	EX2, EX3
	Built-In Calibration Sensor

Supported System Environment		
	Mac	Windows
OS	macOS Mojave (10.14) / macOS High Sierra (10.13) / macOS Sierra (10.12) / OS X El Capitan (10.11) /	Windows 10 (32 Bit, 64 Bit) Windows 8.1 (32 Bit, 64 Bit) Windows 7 (32 Bit, 64 Bit)
PC which fulfills OS requirements.		
Conditions	USB port (PC with 2 or more open ports is required) 16.7 million colors Resolution of 1024 × 768 or greater	

ColorNavigator 7 is available as a free download. See EIZO's website for a full list of supported sensors and compatibility information. www.eizo.eu/cn7

EIZO®