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The ColorEdge CG2700S stands for uncompromising precision for creatives with the highest demands. The integrated calibration sensor enables fully automatic calibration of the 16-bit 3D look-up table. The True Black panel has a maximum brightness of 400 cd/m<sup>2</sup> and the pre-installed HDR pre-sets make the CG2700S particularly suitable for the post-production of HDR video content. The Fogra certification confirms the CG2700S is also optimally equipped for the requirements of prepress. The numerous connections also include a USB-C port and a LAN port. This makes the CG2700S ideal for use with mobile high-performance computers, which can be conveniently connected with just a single cable. Image and data signals can then be transmitted through this cable - at the same time, the laptop can be charged with up to 92 watts. The integrated USB hub, HDMI and DisplayPort connections as well as the supplied light protection cover round off the impressive features of the CG2700S.

- ✓ 27-inch Wide Gamut LCD with 2560 x 1440 pixels (WQHD)
- ✓ Wide colour gamut with 99% AdobeRGB and 98% DCI-P3 colour space coverage
- ✓ Integrated sensor for fully automatic self-calibration
- ✓ 400 cd/m<sup>2</sup> maximum brightness, contrast 1600:1 thanks to True Black technology
- ✓ 10-bit display, 16-bit 3D look-up table
- ✓ Digital Uniformity Equalizer for perfect luminance distribution and colour purity
- ✓ HDR targets for HDR-HLG and HDR-PQ-EOTF
- ✓ USB-C (DisplayPort signal and up to 92 Watt Power Delivery), DisplayPort and HDMI inputs
- ✓ RJ-45 LAN port, USB hub with four USB downstream ports, two of which are 5Gbps (USB 3) and two USB 2
- ✓ 5-year warranty for highest investment security

## Technical Data

GENERAL	
Item no.	CG2700S
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Video Editing, Post Production and Colour Grading, Design, creation and illustration, Printing and Fine Art Printing, Textile and fashion industry
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047063650
SCREEN	
Screen size [in inches]	27
Screen size [in cm]	68,5
Format	16:9
Viewable image size (width x height) [in mm]	597 x 336
Ideal and recommended resolution	2560 x 1440
Pixel pitch [in mm]	0,233 x 0,233
Pixel density [in ppi]	109
Supported resolutions	2560 x 1440, 1920 x 1200, 1920 x 1080 (Full HD), 1200p (@ 60 Hz), 1080p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 30/25/24 Hz), 720p (@ 60 Hz), 720p (@ 50 Hz), 576p (@ 50 Hz), 576i (@ 50 Hz), 480p (@ 60 Hz), 480i (@ 60 Hz)
Panel technology	IPS (Wide Gamut)
Max. viewing angle horizontal	178
Max. viewing angle vertical	178
Number of colors or greyscale	1.07 billion colors (USB-C, 10-bit), 1.07 billion colors (HDMI, 10 Bit), 1.07 billion colors (DisplayPort, 10 Bit)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	AdobeRGB (>99%), DCI P3 (>98%), ISO Coated V2 (>99%), Rec709 (100%), EBU (100%), SMPTE-C (100%), sRGB (100%)
HDR Gamma	PQ, HLG
Max. brightness (typical) [in cd/m²]	400
Recommended brightness [in cd/m²]	120
Max. dark room contrast (typical)	1600:1
Response time grey-grey alternation (typical) [in ms]	19
Max. refresh rate [in Hz]	60
Backlight	Wide Gamut LED
FEATURES & OPERATION	
USB-C docking	✓
LAN/RJ-45	✓
KVM switch	✓
Hardware calibration of brightness and luminance characteristics	✓
Integrated sensor for self-calibration	✓
Scheduled self calibration	✓
Preset color/greyscale modes	1x manual memory location, BT.2020, BT.709, BT.2100 HLG, AdobeRGB, DCI-P3, DCI-P3 PQ, sRGB, additional memory spaces through calibration, Sync Signal
Temperature color drift correction	✓
Brightness drift correction	✓
Digital Uniformity Equalizer (homogeneity correction)	✓
No flickering	✓
True Black	✓
Safe Area Marker	✓
I/P conversion	✓
HDCP Decoder	✓
Gamut warning	✓
Luminance warning	✓
Gamut Clipping	✓
Automatic signal input recognition	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Colour tone, Color saturation, 6 Colors, Resolution, Scaling, Color matrix YUV/ RGB, Input Range, DCI 4K cropping, Menu Rotation, Custom key, OSD language, Signal input, DUE priority
Button Guide	✓
Integrated power unit	✓
CONNECTIONS	
Signal inputs	HDMI (Deep Color, HDCP 1.4/2.3), USB-C (DisplayPort Alt Mode, HDCP 1.3/2.3), DisplayPort (HDCP 1.3)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 92 W max.), 1 x type B
USB downstream ports	4 x Typ A ( 2 x 5Gbps (USB 3), 2 x USB 2)
Network connection	RJ-45
LAN standards	IEEE802.3ab (1000BASE-T)
Graphic signal	DisplayPort (RGB, YCbCr), HDMI (RGB, YCbCr)

## ELECTRICAL DATA

Frequency	USB Type-C, DisplayPort: 26 - 89 kHz / 23 - 61 Hz; HDMI: 15 - 89 kHz / 23 - 61 Hz
Power consumption (typical) [in watts]	17
Maximum Power Consumption [in watts]	187 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Max. Power consumption in stand-by mode [in watts]	0.3
Power consumption with power switch off [in watts]	0
Energy efficiency class	E
Energy consumption/1000h [in kWh]	18
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	92

## DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	638 x 416-571 x 245
Weight (incl. stand) [in kg]	9.4
Dimension drawing (PDF)	<a href="#">Dimension drawing (PDF)</a>
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Pivot between portrait / landscape	clockwise
Height adjustment range [in mm]	155
Hole spacing	100 x 100

## CERTIFICATION & STANDARDS

Certification	CE, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), RCM, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC
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## SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network
Other box contents	Calibration report, Signal cable HDMI - HDMI, USB /signal cable (USB-C - USB-C), USB cable (Type A - Type B), Manual via download, Power cord, Quick guide
Accessories	CP200 (USB-C to DisplayPort cable), PP200-K (DisplayPort cable), EX4 (Colorimeter for ColorEdge monitor calibration)
Light protection cover	✓

## WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty	A brightness of at least 120 cd/sqm at a colour temperature of 5000 K to 6500 K is guaranteed for a period of 5 years or 10,000 operating hours, whichever comes first., Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.



**Experience the  
CG2700S in AR now!**