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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		FEATURES & OPERATION	
Item no.	CG2700S	USB-C docking	✓
Case color	Black	LAN/RJ-45	✓
Areas of application	Photography, Video & Graphics	KVM switch	✓
Product line	ColorEdge	Hardware calibration of brightness and luminance characteristics	✓
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	Integrated sensor for self-calibration	✓
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows	Scheduled self calibration	✓
EAN	4995047063650	Preset color/greyscale modes	1x manual memory location, BT.2020, BT.709, HLG BT.2100, AdobeRGB, DCI-P3, PQ DCI-P3, sRGB, additional memory spaces through calibration, Sync Signal
SCREEN		Temperature color drift correction	✓
Screen size [in inches]	27	Brightness drift correction	✓
Screen size [in cm]	68,5	Digital Uniformity Equalizer (homogeneity correction)	✓
Format	16:9	No flickering	✓
Viewable image size (width x height) [in mm]	597 x 336	True Black	✓
Ideal and recommended resolution	2560 x 1440	Safe Area Marker	✓
Pixel pitch [in mm]	0,233 x 0,233	I/P conversion	✓
Pixel density [in ppi]	109	HDCP Decoder	✓
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)	Gamut warning	✓
Panel technology	IPS (Wide Gamut)	Luminance warning	✓
Max. viewing angle horizontal	178	Gamut Clipping	✓
Max. viewing angle vertical	178	Automatic signal input recognition	✓
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)	On-screen menu languages	de, en, fr, es, it, se
Color palette/look-up table	278 trillion color tones / 16 Bit	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
Max. color space (typical)	AdobeRGB (>99%), DCI P3 (>98%), ISO Coated V2 (>99%), Rec709 (100%), EBU (100%), SMPTE-C (100%), sRGB (100%)	Button Guide	✓
HDR Gamma	PQ, HLG	Integrated power unit	✓
Max. brightness (typical) [in cd/m <sup>2</sup> ]	400	CONNECTIONS	
Recommended brightness [in cd/m <sup>2</sup> ]	120	Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3/2.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4/2.3)
Max. dark room contrast (typical)	1600:1	USB specification	USB 5Gbps (USB 3)
Response time grey-grey alternation (typical) [in ms]	19	USB upstream ports	1 x type C (DisplayPort Alt Mode, 92 W max.), 1 x type B
Max. refresh rate [in Hz]	60	USB downstream ports	4 x Typ A ( 2 x 5Gbps (USB 3), 2 x USB 2)
Backlight	Wide Gamut LED	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!**