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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/m² 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/m² 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/m]	400
Recommended brightness [in cd/m]	120
Max. dark room contrast (typical)	1600:1
Response time grey-grey alternation (typical) [in ms]	19
Max. refresh rate [in Hz]	60
Backlight	LED

FEATURES & OPERATION

USB-C docking	
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

LAN/RJ-45	
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 with all signal inputs and USB ports in use)
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)	Dimension drawing (PDF)
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, PP200-K, EX4
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!