



**50" Professional 4K display ideal for business and education applications**

## TH-50EQ2

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### Key Features

Easy to connect peripherals (camera/speaker) directly to display

Increased input type and number of available inputs

Function slot for increased functionality

Installation flexibility – portrait and tilt supported





## TH-50EQ2

<https://eu.connect.panasonic.com/dk/en/professional-displays/eq2-series/th-50eq2>

DISPLAY PANEL -> Screen Size	50-inch class (49.5-inch / 1257.3 mm)
DISPLAY PANEL -> Brightness (typ.)	500 cd/m <sup>2</sup>
DISPLAY PANEL -> Aspect ratio	16:9
DISPLAY PANEL -> Effective Display Area (W x H)	1095.8 x 616.4 mm (43.14" x 24.26")
DISPLAY PANEL -> Resolution	3840 x 2160
DISPLAY PANEL -> Contrast Ratio (typ.)	5000:1
DISPLAY PANEL -> Dynamic Contrast Ratio	50000:1
DISPLAY PANEL -> Response Time (typ.)	9.5 ms ( G to G )
DISPLAY PANEL -> Viewing Angle(H / V)	178° / 178° ( CR>10 )
DISPLAY PANEL -> Panel Surface Treatment	Anti-glare type
DISPLAY PANEL -> Haze	0.25
CONNECTION TERMINAL -> HDMI IN	HDMI™ Type A Connector x 3 (HDCP 2.2)
CONNECTION TERMINAL -> PC IN	Mini D-sub 15-pin x 1 (DDC2B) Y/G: with sync 1.0 V [p-p] (75 Ω) : without sync 0.7 V [p-p] (75 Ω) P <sub>B</sub> /C <sub>B</sub> /B: without sync 0.7 V [p-p] (75 Ω) P <sub>R</sub> /C <sub>R</sub> /R: without sync 0.7 V [p-p] (75 Ω) HD/VD: TTL (high impedance)
CONNECTION TERMINAL -> SERIAL IN	D-sub 9-pin x 1, RS-232C Compatible
CONNECTION TERMINAL -> IR IN	Stereo mini jack (φ 3.5 mm) x 1
CONNECTION TERMINAL -> IR OUT	Stereo mini jack (φ 3.5 mm) x 1
CONNECTION TERMINAL -> AUDIO 1 IN (L / R)	Stereo mini jack (φ 3.5 mm) x 1
CONNECTION TERMINAL -> AUDIO OUT (L / R)	Stereo mini jack (φ 3.5 mm) x 1
CONNECTION TERMINAL -> LAN	RJ45 x 1 Compatible with PLink™ RJ45 10BASE-T/100BASE-TX
CONNECTION TERMINAL -> USB TYPE A	USB Type A Connector x 1 (DC 5 V / 1 A, USB 3.0 is supported) USB Type A Connector x 1 (DC 5 V / 2 A, USB 2.0 is supported)
CONNECTION TERMINAL -> USB TYPE C	USB Type C Connector x 1 (Max 60 W Power Delivery compatible, USB2.0 is supported, DP Alt Mode compatible)
CONNECTION TERMINAL -> SLOT	Intel® SDM specification (SDM-S / SDM-L, Supply power 3.3 V / Max 1.1 A, 12 V / Max 5.5 A)
AUDIO -> Built in Speaker	20 W [10 W+10 W]
ELECTRICAL -> Power Supply	AC 110 - 240 V 50 Hz / 60 Hz
ELECTRICAL -> Power Consumption	255 W
ELECTRICAL -> On Mode Average Power Consumption *1	146 W
ELECTRICAL -> Power Off Condition	Approx. 0.3 W
ELECTRICAL -> Stand-by Condition	Approx. 0.5 W
ELECTRICAL -> Apparent power	268 VA
ELECTRICAL -> Energy efficiency class for Europe	G Class
MECHANICAL -> Dimension(W)	1129 mm (44.43")
MECHANICAL -> Dimension(H)	649 mm (25.66")
MECHANICAL -> Dimension(D)	66 mm (2.60")
MECHANICAL -> Weight	Approx. 15.5 kg (34.2 lbs)
MECHANICAL -> Bezel Width(T)	14.9 mm (0.59")
MECHANICAL -> Bezel Width(B)	14.9 mm (0.59")
MECHANICAL -> Bezel Width(L)	14.9 mm (0.59")
MECHANICAL -> Bezel Width(R)	14.9 mm (0.59")
MECHANICAL -> Pitch for Wall-Hanging / Screw / Screw hole depth	VESA Compliant 400 x 400 mm (15.8" x 15.8") / M6 / 20 mm (0.8")
INSTALLATION -> Orientation	Landscape / Portrait
INSTALLATION -> Tilting Angle	Landscape : 0 - 20 degrees forward / backward Portrait : 0 - 20 degrees forward / backward
INSTALLATION -> Operating Time *4	18 h/day
ENVIRONMENT -> Operating Environment(Temperature)	0°C to 40°C: 0°C to 35°C
ENVIRONMENTAL -> Operating Environment(Humidity) (No condensation)	20% to 80%

Please contact your sales representative with regard to the tilt angle before installation.

1. : Excluding handles
2. : Including handles
3. : When installing the display vertically, be sure that the power indicator comes to the right side.
4. : In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.