

FWD-50W66F/T

50" BRAVIA Full HD, HDR,
LED Professional Display



Overview

Precision HDR pictures and business-friendly features

Bring extra impact to every presentation with the FWD-50W66F/T 50" BRAVIA Professional Display that combines lifelike HDR image quality with easy operation and smart content sharing.

Optimised for professional applications, the BRAVIA FWD-50W66F/T delivers crisply-detailed Full HD pictures, with X-Reality PRO refining each frame for refined, low-noise content.

With advanced control, Simple Pro Mode and optional interactive compatibility, it makes it easy to create attractive digital signage so you always present a clear image.

Enrich your audience's display experience with seamless TEOS integration (*1) and a choice of built-in solutions to add extra functionality, from meeting room support to automation.

Features

Beautifully refined Full HD HDR pictures

High Dynamic Range (HDR) preserves subtle details that

can get lost in the darkest and brightest areas of every scene, bringing you more dynamic, lifelike pictures in Full HD.

See finer detail

X-Reality™ PRO picture processing analyses every frame, matching scenes with our special image database to refine images and reduce noise.

Smoother movement

Motionflow XR inserts additional picture frames between the originals, ensuring smoother, sharper detail in fast-moving sequences.

Optimised for professional use

The FWD-50W66F/T meets the needs of today's business and educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

TEOS Integration (*1)

BRAVIA integrates seamlessly with TEOS, Sony's suite of workspace management applications that orchestrate control of devices and content in boardrooms, meeting areas and public spaces.

Smart Plug & Play

Connect a smartphone or USB drive to share your content directly onto your BRAVIA.

Flexible mounting and installation

BRAVIA Professional Displays offer flexible mounting options with VESA standard mounting for easy integration into a wide range of environments.

Greater peace of mind

There's extra reassurance with our 3 Year Advanced

Exchange PrimeSupport service that's included as standard. If there's a fault with your BRAVIA Professional Display, we'll provide a replacement unit at no extra charge to keep you up and running.

Specifications

Display features

Brightness (cd/m ²)	350
Native contrast ratio	5000:1
Dynamic contrast ratio	300000:1
Response Time (ms)	8
Dimming type	Frame Dimming
Display device	LCD
Backlight type	Direct LED
Bezel Size (Top, Side, Bottom)	12.6 / 14.6 / 18
Operation time	18/7

Display specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal) 125.7 cm

Display resolution

(H x V, pixels)	1920 x 1080
Screen Size (inch, measured diagonally)	50" (49.5")
Viewing Angle (Right/Left)	178 (89/89) degree
Viewing Angle (Up/Down)	178 (89/89) degree
Display Resolution	Full HD
Aspect Ratio	16/9

Professional features

Professional Hidden Mode	Yes
Multicast / IPTV	Yes
Compatible with TDM Digital Signage/TEOS Solutions	Yes (Requires TEP-X96 player)
Operating System	Linux
On-board Storage (GB)	4 GB

Display system

TV System (Digital Terrestrial)	DVB-T/T2
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TV System (Digital Cable)	DVB-C
TV System (Digital Sat)	DVB-S/S2
Number of Tuners (Terrestrial / Cable)	1 (Digital / Analog)
Number of Tuners (Sat)	1

Network features

Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Internet Browser	VEWD
Wireless LAN	Integrated

Convenience features

USB playback codecs	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (XVID) / AVI (MotionJpeg) / WMV9 / MKV / WEBM / WAV / MP3 / WMA / JPEG
HDMI-CEC	Yes
i-Manual	Yes
On Screen Clock	Yes
Sleep Timer	Yes

On/Off Timer	Yes
Display Language	BUL / CAT / CZE / DAN / GER / GRE / ENG / SPA / EST / FIN / FRE / HEB / HRV / HUN / ITA / KAZ / LIT / LAV / DUT / NOR / POL / POR / RUM / RUS / SLO / SLV / SRP / SWE / TUR / UKR / BOS / MAC

Control specs

Pro mode	Yes (Basic)
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Inputs & Outputs

HDMI Signal	1080p (30,50,60Hz), 1080/24p, 1080i (50,60Hz), 720p (30,50,60Hz), 720/24p, 576p, 576i, 480p, 480i
HDCP	HDCP1.4
AC Power Input	AC ADAPTER
RF (Terrestrial/Cable) Connection Input(s)	1 (Side)
IF (Satellite) Input(s)	1 (Side)
Composite Video Input(s)	1 (Rear)
HDMI inputs total	2 (Side)

Audio Output(s)	3 (Side Hybrid with Headphone Out, Audio Out and Subwoofer Out)
USB ports	2 (Side/Stacking)
Ethernet inputs	1 (Rear)
PCMCIA Slot(s)	1 (Top)
HDMI PC Input Format	640 x 480 (31.5kHz,60Hz), 800 x 600 (37.9kHz,60Hz), 1024 x 768 (48.4kHz,60Hz), 1280 x 720 (44.8kHz,60Hz), 1280 x 1024 (64.0kHz,60Hz), 1152 x 864 (67.5kHz,75Hz), 1600 x 900 (55.9kHz,60Hz), 1680 x 1050 (65.3kHz,60Hz), 1920 x 1080 (67.5kHz,60Hz)

Audio specifications

Speaker Position	Down Firing
Audio Power Output	5W + 5W
DSEE/DSEE-HX	DSEE

Video specifications

Wide Mode	Wide Zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	X-Reality PRO

Motion enhancer	Motionflow XR 400Hz (Native 50Hz)
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
Panel Refresh Rate (Native Hertz)	50Hz

Design features

Cable Management	Yes
Frame color	Black
Stand Design	Silver Chevron
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch (W x H)	20.0 x 20.0 cm

Eco & energy saving

Energy Label Rating	A
Rated Power Consumption	Standard: 80.0W
Power Consumption (in Standby)	0.50W

Peak luminance ratio for EU	74%
Mercury content (mg)	0.0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 220-240V, 50Hz DC 19.5V
Power Consumption (Networked Standby)	2.00W (Wi-Fi) / 2.00W (LAN)

Dimensions

Display only (W x H x D)	Approx. 113.0 x 66.0 x 6.8 (0.90) cm
Display with Stand (W x H x D)	Approx. 113.0 x 71.9 x 26.8 cm

Weights (Approx.)

Display only	Approx. 11 kg
Display with Stand	Approx. 11.4 kg
Package Carton (Gross)	Approx. 16 kg

Optional accessories

Wallmount Bracket	SU-WL450 (Terminal access limitation, refer to SU-WL450 product page)
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PrimeSupport

Included PrimeSupport	3 years of Standard helpdesk (Mon-Fri 9:00-18:00 CET) and Advanced Replacement service in case of product fault with all logistics covered.
Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FW6G-50.2X

Notes

*1	Requires the TEP-X96 player, a third-party product for TEOS not manufactured by Sony.
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Gallery

