

## 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 <sup>2</sup> )	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")

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Viewing Angle (Right/Left) 178 (89/89) degree

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Viewing Angle (Up/Down) 178 (89/89) degree

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Display Resolution Full HD

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Aspect Ratio 16/9

## Professional features

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Professional Hidden Mode Yes

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Multicast / IPTV Yes

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Compatible with TDM Digital Signage/TEOS Solutions Yes (Requires TEP-X96 player)

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Operating System Linux

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On-board Storage (GB) 4 GB

## Display system

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TV System (Digital) DVB-T/T2

Terrestrial)

TV System (Digital Cable)	DVB-C
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TV System (Digital Sat)	DVB-S/S2
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Number of Tuners (Terrestrial / Cable)	1 (Digital / Analog)
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Number of Tuners (Sat)	1
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## Network features

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

USB playback codecs	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (XVID) / AVI (MotionJpeg) / WMV9 / MKV / WEBM / WAV / MP3 / WMA / JPEG
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HDMI-CEC	Yes
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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
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Audio Power Output	5W + 5W
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DSEE/DSEE-HX	DSEE
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## Video specifications

Wide Mode	Wide Zoom / Normal / Full / Zoom / 14:9
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4:3 Default	Yes
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Video Processing	X-Reality PRO
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Motion enhancer	Motionflow XR 400Hz (Native 50Hz)
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HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
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Panel Refresh Rate (Native Hertz)	50Hz
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## Design features

Cable Management	Yes
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Frame color	Black
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Stand Design	Silver Chevron
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VESA® Hole Spacing Compatible	Yes
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VESA® Hole Pitch (W x	
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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
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## Weights (Approx.)

Display only	Approx. 11 kg
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Display with Stand	Approx. 11.4 kg
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Package Carton (Gross)	Approx. 16 kg
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## 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.
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Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FW6G-50.2X
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## Notes

\*1

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

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## Gallery

