

FWD-50W66F

50" BRAVIA Full HD HDR Professional Display



Overview

Crisp Full HD images, optimised for business environments

This slim, attractively styled and energy-efficient FWD-50W66F 50" BRAVIA Professional Display combines brilliantly sharp, lifelike Full HD HDR image quality with easy operation, flexible networking/control and extensive integration options.

Sony's powerful X-Reality PRO engine ensures richly-detailed pictures with excellent colour and contrast, for display applications that stand out from the crowd. BRAVIA is ideally suited to professional use, with an intuitive built-in software platform that broadens control and customisation possibilities.

The FWD-50W66F is ideal for a wide range of business and educational environments. Applications include meeting room displays, information displays for lobbies and waiting rooms, classroom displays, hotel guest room TV, security camera monitoring, guide displays for showrooms and museums, and information displays for sports stadiums, arenas and live venues.

Features

X-Reality PRO for extra detail

X-Reality PRO picture processing upscales every pixel for exceptional Full HD clarity. Every scene is analysed and matched against our special image database to refine image quality and reduce noise.

High Dynamic Range

HDR (High Dynamic Range) retains more detail in bright highlights and dark shadow areas for a richer, more dynamic look.

Smooth, fluid on-screen action

Motionflow XR 200 ensures smooth, natural reproduction of rapidly-moving images on screen.

Optimised for professional use

The FWD-50W66F meets the needs of a wide range of business applications, with flexible installation options plus wired and wireless network connection and serial communication control.

Support for wide range of file formats

BRAVIA can play video files in a wide range of formats via USB.

In-built software platform

Powerful processing capabilities broaden control/customisation options and reduces total ownership costs.

Flexible mounting and installation

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

Specifications

TV System	
Tuner	DVB-T/T2
Number of tuners	1 (Digital / Analog)
Display features	
Dimming type	Frame Dimming
Display device	LCD
Backlight type	Direct LED
Video specs	
Wide Mode	Wide Zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	X-Reality PRO
Motionflow	Motionflow XR 200 (Native 50Hz)
Compatible with HDR	Yes (HDR10, HLG)
Video Signal	1080p (30,50,60Hz), 1080/24p, 1080i (50,60Hz), 720p (30,50,60Hz), 720/24p, 576p, 576i, 480p, 480i
Audio specs	
Speaker position	Down Firing
Audio Power Output	5W + 5W
Network specs	
Wi-Fi direct	Yes
Wi-Fi Certified	Yes
DLNA	Home Network Client / Home Network Renderer
Miracast (screen mirroring)	Yes
Firmware update	Yes
Internet Browser	VEWD (Depends on country)
Wireless LAN	Integrated

Convenience features

USB Play (contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (XVID) / AVI (MotionJpeg) / WMV9 / MKV / WEBM / WAV / MP3 / WMA / JPEG
On screen clock	Yes
Sleep timer	Yes
On/Off timer	Yes

Inputs and outputs

HDCP	HDCP 1.4
RF Connection Input(s)	1 (Side)
Composite Video Input(s)	1 (Rear)
HDMI™ Connection(s) (Total)	2 (2 Side)
Digital Audio Output(s)	1 (Rear)
Audio Out	1 (Side Hybrid w/ HP Out, Audio Out and Subwoofer Out)
USB	2 (Side/Stacking)
Ethernet Connection(s)	1 (Rear)

Design features

Finish (Surface Color)	Black
Table Top Stand	Separate (Assembly required)
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	200 x 200 mm

Eco and energy saving

Screen size (measured diagonally)	50" (49.5")
Power Consumption (Rated/standard)	117W
Annual Power Consumption	270 kWh/Year
Power Consumption (in Standby)	0.5W
Power Requirements	DC 19.5V
Power Saving Mode / Back	Yes

Light Off Mode	
Dynamic Backlight Control	Yes
AC Power Input	AC Adapter

Measurements

Display Only (W x H x D) (Approx.)	Approx. 1130 x 660 x 68 (9) mm
Display with Stand (W x H x D) (Approx.)	Approx. 1130 x 717 x 268 mm
Package Carton (W x H x D) (Approx.)	Approx. 1228 x 786 x 150 mm

Weight

Display Only	11
Display with Stand	11.4
Package Carton	16

Display specifications

Viewing angle (Right / Left)	178 (89 / 89) degree
Viewing angle (Up / Down)	178 (89 / 89) degree
Display resolution	Full HD
Aspect ratio	16:9
OS	Linux

Control specs

Pro Mode	Yes (Simple)
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