

FW-49BZ35F

49" BRAVIA 4K HDR Professional Display



Overview

This slim, energy-efficient FW-49BZ35F BRAVIA professional display combines bright, beautiful 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Ideally suited to professional use, the display takes full advantage of latest consumer television technologies to ensure vibrant, high-brightness 4K images that stand out from the crowd. It's ideal for integration in corporate environments, with Pro mode to simplify installation and allow easy customisation of display settings to suit different applications and environments.

The display's intuitive built-in software platform broadens control and customisation options even further. It's easy to create attractive digital signage, mixing media files and online content with no need for additional player hardware. There's also a wide range of APIs (Application Programming Interface) options to enable remote control/monitoring and integration with external systems. And for even greater peace of mind there's the added reassurance of our 3 Year Advanced Exchange PrimeSupport service. If there's a problem with your display, we'll offer a free, brand new replacement product rather than repair included as standard.

The FW-49BZ35F is ideal for a wide range of business and educational environments. Applications include meeting room displays, information displays for lobbies and waiting rooms, digital signage, 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

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

Control BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C.

The display offers flexible mounting options (vertical, tilt and table-top), with VESA standard mounting for easy integration into a wide range of environments.

Customise and store display settings and features, then copy them easily to multiple displays via USB flash memory.
Pro mode enables a detailed customisation for a variety of setting menus, which are available to meet your specific usage requirements.

This tool instantly completes the necessary settings to optimise the signage or meeting room used.

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

Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video and live web content to create attractive signage in minutes.

Compatibility with a wide range of web APIs broadens options for remote control/monitoring and integration with external systems.

4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to corporate display, education and digital signage applications.

Images are clearer, smoother and more natural with Sony's 4K X-Reality™ PRO picture processing technology. Advanced noise reduction techniques and a special pattern database ensure that every scene is packed with lifelike detail.

The high brightness, high contrast panel outshines other displays. It's ideal for presenting 4K HDR (High Dynamic Range) content, revealing subtle detail in the brightest highlights and areas of dark shadow.

Motionflow XR 960 ensures smoother, more natural reproduction of rapidly-moving images on screen.

Stay up and running with our enhanced support service cover. If there's a problem with your professional display, we'll offer a free replacement rather than repairing your existing unit.

Our unique TRILUMINOS Display technology enhances your audience's viewing with a wider palette of rich, natural-looking colours.

Specifications

General features	
Screen size (diagonal)	49"
Brightness (cd/m²) (*1)	505 cd/m2
Native contrast ratio	5,000:1

Dynamic contrast ratio	Over 1 million
Response time (ms)	8
Display resolution	4K (3840 x 2160)
Compatible with HDR	Yes (HDR10, HLG)
Aspect ratio	16:9
Portrait compatibility	Yes

Display features

Dimming type	Frame Dimming
Display device	LCD
Backlight type	Edge LED
Operating system	Android 7.0
Processor	X1
Operation time (*2)	24/7

Video specs

Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	Motionflow XR 800Hz (Native 100Hz)
Triluminos	Yes
Viewing angle (Right / Left / Up / Down)	178 (89 / 89 / 89 / 89)
Video Signal (HDMI)	4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (30, 60Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p, 480p, 480i
4K 60P quality format	Up to 18Gbps:4K 60p 4:4:4 (8bit), 4:2:2 (8, 10, 12bit), 4:2:0 (8, 10bit) HDR included for HDMI 1 / 2 / 3 / 4

Audio specs

Speaker position	Down Firing
Audio Power Output	10W + 10W
Invisible speaker	Yes

Professional features

Professional Hidden Mode	Yes
HDMI auto wake-up	Yes
HTML5 platform	Yes
Multicast / IPTV	Yes (UDP / RTP)
Compatible with TDM Digital Signage	Yes
Available storage	16 GB
Compatible TDM content	Customised design, text, pictures, videos, YouTube, traffic, weather, public information, Facebook, Twitter, powerpoint and more.

Network specs

Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
DLNA	Network Client / Network Renderer
Firmware update	Yes (network or USB)
Internet Browser	Yes (Opera)
Wireless LAN	Integrated

Convenience features

USB HDD REC	Yes
USB Play (contents)	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD):MPEG2, AVC / MP4 (XAVC EG4, HEVC / AVI:Xvid, MotionJpeg / ASF (WMV):VC1 / MOV:AVC, MPEG4, MotionJpeg / MKV:Xvid, AVC, MPEG4, VP8.HEVC / WEBM:VP8 / 3GPP:MPEG4, AVC / MP3 / ASF (WMA) / WAV / MP4AAC / FLAC / JPEG
On screen clock	Yes
Sleep timer	Yes
On/Off timer	Yes
Google Cast	Yes

Control specs

IP Control	Yes
RS-232C Control	Yes (jack 3.5)
HDMI CEC	Yes

Inputs and outputs

HDCP	2.2 (for HDMI 1 / 2 / 3 / 4)
Composite Video Input(s)	1 (Rear Hybrid w/Component)
Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/Composite)
HDMI™ Connection(s) (Total)	4 (3 Side / 1 Rear)
Analog Audio Input(s) for HDMI (Total)	1 (Rear)
Digital Audio Output(s)	1 (Rear)
Audio Out	1 (Side/Hybrid w/HP and Subwoofer Out)
USB	3 (side)
Ethernet Connection(s)	1 (side)

Design features

Finish (Surface Color)	Black
Table Top Stand	Separate (assembly required)
VESA® Hole Spacing Compatible	Yes (20.0 x 20.0 cm)

Environment specs

Light Sensor	Yes
Energy Label	A
Screen size (measured diagonally)	49"
Power Consumption (in Standby)	0.50W
Power Consumption (networked standby mode)	2.00 W (Wi-Fi) 2.00 W (LAN)
Peak Luminance Ratio	76%
Power Consumption (in Operation)	88.0W
Lead content	Yes
Mercury content (mg)	0.0
Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes

AC Power Input	AC Adapter
Measurements	
Display Only (W x H x D)	109.8 x 64.4 x 5.8 (1.72) cm
Display with Stand (W x H x D)	109.8 x 70.3 x 27.9 cm
Package Carton (W x H x D)	118.8 x 77.6 x 14.8 cm
Weight	
Display Only	13.2 Kg
Display with Stand	13.7 Kg
Package Carton	19 Kg
Optional accessories	
TDM Digital Signage 1-year license	TDM-DS1Y
TDM Digital Signage 3-years license	TDM-DS3Y
TEOS Manage Control license	TEM-CO10
TEOS Manage Meeting Room license	TEM-MR10
TEOS Manage Signage license	TEM-DS10
TEOS Connect Mirroring license	TEC-SC100
10 point IR touch overlay	TO-1349-IR10
10 point Capacitive touch overlay	TO-1349-CA10
White cover	FC-1349/W
Wood cover	FC-1349/WO
Wallmount bracket	SU-WL450/PSE
VGA to HDMI cable	CAB-VGAHDMI1
RS232 jack cable	CAB-RSJA1
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.FW49BZ35.2X
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Notes	
(*1)	Typical value of the panel spec.
(*2)	Guaranteed operating temperature range 0°C ~ 35°C Please set the picture mode to "Standard" Image retention will occur if still picture is left displaying Decreasing brightness associated with the use time is typical

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