SONY

FW-49BZ35F

49" BRAVIA 4K HDR Professional Display

Overview

Optimised display for professional use - display a better, brighter image for your business

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.

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.

For even greater peace of mind there's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

Features

Optimised for professional use
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.

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

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

Quick set-up with Pro Mode
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.

One-step setting optimised for signage and meeting rooms
This tool instantly completes the necessary settings to optimise the signage or meeting room used.

In-built software platform
Powerful processing capabilities broaden control/customisation options and reduces total ownership costs.

Easily create digital signage
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.

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

4K image resolution (3840 x 2160 pixels)
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.

Clearer, more natural 4K images
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.

Very high brightness and contrast, ideal for HDR
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.

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

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

Greater Peace of Mind
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Specifications

General features	
Screen size (diagonal)	49''
Brightness (cd/m^2) (*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)

General features

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

Professional features	
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, poweroint 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
Manage for TEOS Control license	TEM-CO10
Manage for TEOS Meeting Room license	TEM-MR10
Manage for TEOS Signage license	TEM-DS10
Connect for TEOS 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 warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible.
Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FW49BZ35.2X

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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