

FWD-65X75K

65" BRAVIA 4K HDR Professional Displays



Overview

BRAVIA FWD-65X75K Displays with built-in tuners

The FWD-65X75K are new generation 4K HDR professional displays from Sony in the popular 65" size. They're input-agile, feature-rich displays with stunning color and clarity.

The X75K models bring advanced built-in tuner and video processing features, to ensure that every kind of content – from any source – is easily available to any user, including business users, students/faculty, doctors/patients, command center staff, or government/civic office users.

Both models support Google TV with Google Assistant to browse content from favorite streaming apps. And they support mobile device screen mirroring.

Step into the 4K HDR TV experience with a TV that has four times the resolution of Full HD. And Sony's 4K Processor X1 works behind the scenes to enhance colour, contrast, and details in every kind of content.

Features

65" diagonal screen size (FWD-65X75K)

The most popular and versatile screen size to choose from.

Intelligent TV processing

The 4K Processor X1 delivers a picture that is smooth and clear, full of rich colors and detailed contrast.

Enhanced Color and Contrast

Sony's 4K X-Reality PRO lets you see natural and precise picture quality with a wide array of colors and increased dynamic range. HDR (High Dynamic Range) formats: HDR 10, Hybrid Log-Gamma (HLG).

Premium smart TV

Google TV with Google Assistant organizes your favorite content all in one place. Stream from Netflix, Apple TV, HBO Max, Peacock and many more.

ATSC TV Tuner, built in

An integrator-friendly tuner, for over-the-air digital television, and other functions such as decompression, analog-to-digital conversion, error corrections, media reformatting, and AV synchronization.

Intelligent motion handling

See blur-free picture quality in fast-moving and action-packed content, powered by Motionflow XR from Sony.

Upscale all your content

Bring back lost texture and detail and see all your content upscaled to near-4K resolution with 4K X-Reality PRO. 2K content can achieve 4K-like levels of detail with 4K X-Reality™ PRO using a unique 4K database.

Bluetooth connectivity

Connect Bluetooth®-compatible devices to your TV wire-free. Bluetooth audio connectivity in office, commercial, retail, faith – any installed AV system – is in demand from end users. And the latest Bluetooth 5.0 is backward compatible with all previous Bluetooth devices.

Mobile device screen mirroring

Go from your phone, tablet or laptop to your TV in an instant. With Chromecast built-in, you can cast content more directly to the TV. Allows connection from iOS and Android devices, and with Apple AirPlay2.

Professional Warranty

3 years professional limited warranty to keep you up and running.

Specifications

General Features	
Smart TV	Google TV
Closed Captions	Yes
Demo Mode	Yes (e-POP only)
Display Features	
Brightness (cd/m2)	380
Native contrast ratio	1200:1
Dynamic contrast ratio	350,000:1
Response time (ms)	8
Panel type	IPS
Backlight dimming	

type	Frame Dimming
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Display type	LCD
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Display Specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal)	164 cm
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Display resolution (H x V, pixels)	3840 x 2160
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Screen Size (inch, measured diagonally)	65" (64.5")
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Viewing Angle (Right/Left/Up/Down)	178 (89/89) degree
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Display Resolution	QFHD
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Aspect Ratio	16:9
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Professional Features

Operating System	Android 11
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On-board Storage (GB)	16GB
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Pro Mode	No
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Display System

TV System (Analog)	M
Tuner Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135
TV System (Digital Terrestrial)	ATSC
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69
TV System (Digital Cable)	Clear QAM
Tuner Channel Coverage (Digital Cable)	CATV: 1-135
Number of Tuners (Terrestrial/Cable)	1 (Digital/Analog)
Color System	NTSC

Network Features

Wi-Fi Certified	Yes
Wi-Fi Standard	a/b/g/n/ac

Wi-Fi Frequency	2.4GHz/5GHz
Wireless LAN	Integrated
Chromecast Built-in	Yes
Application Store	Yes (Google Play Store)

Convenience Features

TalkBack	Yes
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB Playback Codecs	MPEG1:MPEG1 / MPEG2 PS:MPEG2 / MPEG2TS (HDV,AVCHD):MPEG2,AVC / MP4 (XAVCS):AVC,MPEG4,HEVC,AV1 / AVI:MotionJpeg / ASF (WMV):VC1 / MOV:AVC,MPEG4 / MKV:AVC,MPEG4,VP8,HEVC / 3GPP:MPEG4,AVC / MP3 / ASF (WMA) / LPCM / WAV / MP4AAC / FLAC / JPEG,WEBM:AV1 / AC4 / ogg / AAC
Audio Description	Yes

Text Magnification	Yes
Accessibility Shortcut	Yes
Switch Access	Yes
Text Input Language	ARA / ENG / FIN / FRA / GER / HEB / HIN / ITA / JPN / KOR / NOR / PER / POR / RUS / SPA / THA / VIE / zh_CN / zh_TW / ZHO (Simplified) / ZHO (Traditional)
Voice Search	Yes
Control for HDMI (HDMI CEC)	Yes
i-Manual	Yes
Parental Control	Yes
Channel Block (with Password)	Yes (Analog & Digital)
Show/Hide Channels	Yes (Digital & Analog)
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16/FAT32/NTFS)

Display Language	AFR / ARA / BEN / ENG / FRA / GUJ / HIN / IND / KAN / MAL / MAR / PAN / PER / POR / RUS / SPA / SWA / TAM / TEL / THA / VIE / zh_CN / zh_TW / ZUL
Auto Shut-off	Yes

Control Specs	
IP Control	Yes
RS232	No

Inputs & Outputs	
HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 576i 480p, 480i
HDCP	HDCP2.3 (for HDMI1/2/3)
Bluetooth Profile Support	Version 5.0,HID/HOGP/A2DP/AVRCP/SPP
4K 60P High-Quality Formats	HDMI IN1, IN2, IN3 ports for 4K (up to 18Gbps) signal

AC Power Input	Side
RF (Terrestrial/Cable) Connection Input(s)	1 (Side)
Composite Video Input(s)	1 (Rear)
HDMI Inputs Total	3 (Side)
Analog Audio Input(s) (Total)	1 (Rear)
Digital Audio Output(s)	1 (Rear)
Headphone Output(s)	1 (Side)
USB ports	2 (Side)
Ethernet Inputs	1 (Rear)
HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz)

Audio Specifications

Channel	2ch
Audio Power Output	10W+10W
Speaker Position	Down Firing
Bass/Treble/Balance	Balance
Speaker Type	Open Baffle Speaker
Speaker Configuration	Full Range (44.5 x 106mm) x 2
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio
Clear Phase	Yes
S-Master	S-Master Digital Amplifier
Dolby Audio Format Support	Dolby Audio
HDMI Audio Return Channel (ARC)	Yes (eARC/ARC)
Auto Mute (On No Signal)	Yes
HDMI Input Audio Format	Two Channel Linear PCM: 32/44.1/48kHz 16/20/24bits, Dolby Audio
ARC Output Format	Two Channel Linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos

Video Specifications

Picture Modes	Vivid, Standard, Cinema, Game, Graphic, Photo, Custom
Auto Wide	Yes
Wide Mode	Auto / Wide zoom / Normal / Full / Full Pixel / Zoom / 14:9, Full pixel
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion Enhancer	Motionflow XR 240 (Native 60Hz)
24p True Cinema	Yes
Live Colour™ Technology	Yes
CineMotion/Film Mode/Cinema Drive	Yes
4K Processor	4K Processor X1
HDR (High Dynamic Range) Compatibility	Yes (HDR10, HLG)
Panel Refresh Rate (Native Hertz)	60Hz
Dynamic Contrast	

Enhancer	Yes
Design Features	
Stand Color	Black
Bezel Design	Narrow Bezel
Frame Color	Black
Stand Design	Slim Blade Stand
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch (W x H)	400x200mm/15 3/4x7 7/8 inches
Eco & Energy Saving	
Power Consumption (in Standby)	0.5 W
Power Requirements (Voltage)	AC 120V for UL cUL AC 110-240V for other
Power Requirements (Frequency)	60Hz for UL cUL 50/60Hz for other
Rated Power Consumption	180W

Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes

Dimensions

Dimension of TV without Stand (W x H x D)	1463 x 852 x 87 mm / 57 5/8 x 33 5/8 x 3 1/2 inches
TV with Stand (Standard position) (W x H x D)	1463 x 914 x 337 mm / 57 5/8 x 36 x 13 3/8 inches
Dimension of Package Carton (W x H x D)	1567 x 963 x 186 mm / 61 3/4 x 38 x 7 3/8 inch
Stand Width (Standard Position)	1153mm/45 1/2 inches
AC Cable Length	1600mm

Weights (Approx.)

Weight of TV without Stand	21.4 kg / 47.2 lb
TV with Stand (Standard Position)	22.1 kg / 48.7 lb

Weight of Package Carton (Gross)	30 kg / 66.1 lb
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Supplied Accessories

Voice Remote Control (Supply)	RMF-TX520U
Batteries	LR03
AC Power Cord Spec	(C7L) (US) (2pin) (flat blades)
Operating Instructions	US, FR
Quick Setup Guide / Supplement CUE (GA)	US, FR, ES, PT
Table Top Stand	Separate (Assembly Required)

Gallery

