

# SONY

## FWD-40W650D

### 40" Pro BRAVIA Built-in Wi-Fi® with Full HD Display (39.5" diag)

Expand your world of entertainment. Make your content run with stunning clarity that goes beyond Full HD. With X-Reality PRO™, every picture is more refined from top to bottom, whether you're watching, streaming or playing.



#### Bullets

- Stunning Full HD with the clarity and sharpness of X-Reality PRO™
- Stream YouTube™ and more with built-in Wi-Fi®<sup>3</sup>
- Living-room friendly, slim design
- Keep wires out of sight with discreet cable management
- Precise motion clarity with Motionflow™ XR 240
- Enjoy pure, natural audio with smooth reproduction

#### Features

##### X-Reality PRO™: a cleaner, more refined picture

Enjoy outstanding clarity, sharpness and picture quality with everything you watch. Our combination of noise reduction technologies sharpen every scene, so the picture gleams with clear detail.

##### Enjoy stunning Full HD 1080p

Experience the detail of Full HD 1080p across all your content. From HD content to television sources, you can see it all in perfect clarity on the big screen with this Sony display.

##### Great entertainment and apps wirelessly with built-in Wi-Fi®

Link up easily to your network. With built-in Wi-Fi®, you're free to go online and browse movies, enjoy video channels like YouTube™ and access services like Netflix and Hulu<sup>3</sup>. Best of all, you can stream entertainment from your wireless network and the Internet and download a variety of apps without the clutter of cables.

##### Enjoy digital content from any USB

Enjoy your digital content from any USB stick. Play music, video clips and view photo collections all through your TV with super multi-format USB play. Supporting a wide range of codecs, you can experience ultimate format versatility — simply plug in and you're ready to go.

##### Incredibly slim

The screen has a narrow frame, accented with minimal bezels, so you can focus on your entertainment with near edge-to-edge pictures.

##### Cable management

Keep wires out of sight. All of your cables can be neatly arranged across the back of the TV and channeled into the stand, so everything looks tidy.

##### Motionflow™ keeps the action smooth

TV that keeps up with real life. Sony's refresh rate technology (Motionflow™ XR 240) allows fast moving action sequences to be seen with precise motion clarity.

## Clear Phase™ for smooth, balanced frequencies

Enjoy pure, natural audio with smooth, even reproduction of all frequencies. This TV uses a powerful computer model to analyze and compensate for inaccuracies in speaker response by "sampling" the speaker frequency with higher precision.

## Your smartphone to the big screen

Screen mirroring lets you enjoy content and apps from your smartphone on your Sony TV<sup>2</sup>. Supersize all your memories and enjoy them on the big screen with family and friends.

## Specifications

Audio		Photo		Power Consumption (Standby Mode) for Energy Star
Bass/Treble/Balance	Balance	Music		0.50W
Speaker Configuration	2ch, Full Range (40 x 80mm) x 2	Cinema		
Speaker Position	Down Firing	Game		
Speaker Type	Open Baffle	Graphics		
Audio Features		Sports		
Alternate Audio (Digital)	Yes	Auto		
Audio Out	Fixed / Variable	Scene Select		
Auto Mute (on no signal)	Yes	Show/Hide Channels	Yes	
Clear Phase	Yes	Sleep Timer	Yes	
Digital Out Format	Dolby Digital, DTS, PCM	USB Play	Yes (Supported File System: FAT16 / FAT32 / NTFS)	
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse	USB Play (Contents)		
Headphone/Speaker Link	Yes	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / WMV9 / MKV / WEBM / WAV / MP3 / WMA / JPEG		
S-Master	S-Master Digital Amplifier	Design Features		
Sound Mode	Standart	Stand Design	Black U Slate	
	Music	Display Features		
	Cinema	Backlight Type	Direct LED	
	Game	Dimming Type	Frame Dimming	
	Sports	Display Device	LCD	
Convenience Features		Display		
Auto Shut-off	Yes	Aspect Ratio	16:9	
BRAVIA® Sync™	Yes (including HDMI-CEC)	Display Resolution	Full HD	
Channel Block (with password)	Analog & Digital	Number of pixels(H x V)	1920 x 1080	
Multiple Language Display	English Spanish French	Screen Size (cm)	101.6 cm	
On/Off Timer	Yes	Screen Size (measured diagonally)	40" (40.0")	
On-Screen Clock	Yes	Viewing Angle (Right/Left)	178 (89/89) degree	
Parental Control	Yes	Viewing Angle (Up/Down)	178 (89/89) degree	
Photo Frame Mode	Yes	Energy Saving & Efficiency		
		Backlight Off Mode	Yes	
		Dynamic Backlight Control	Yes	
		Power Consumption (On Mode) for Energy Star	49.00W	

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USB 2.0	2 (Side)	1080p (60 Hz)	Mini-plug Video Adapter Remote Control (RMT-TX102U) Batteries (R03) AC Power Adaptor (ACDP-060S03, ACDP-060E02)
<b>Network Features</b>			Supplied Accessories AC Power Cord Spec: (Inlet C7, US plug type, 2pin, straight shape) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assemble required)
Home Network	MPEG1 / MPEG2TS / AVCHD / MP4 / AVI / WMV / LPCM / MP3 / WMA / JPEG	Video Signal 720p (60 Hz) 480p 480i	
Internet Browser	Yes (Opera) (OTA) (Except US and some countries)	<b>Video Features</b> 1080i (60 Hz)	
Opera Apps (System)	Yes	24p True Cinema™ Technology	Yes
Photo Sharing Plus / Photo Share	Yes	4:3 Default	Yes
Screen mirroring(Miracast)	Yes	Advanced Contrast Enhancer (ACE)	Yes
Wi-Fi Certified	Yes	Auto Wide	Yes
Wi-Fi Direct	Yes	Blinking Type	Frame Blinking
Wi-Fi Frequency	2.4GHz only	LED Motion Mode	Yes
Wi-Fi Standard	b/g/n	Live Color™ Technology	Yes
Wireless LAN	Integrated	Motionflow™ XR Technology	Motionflow XR 240
Annual Power Consumption	93kWh/Year	Picture Mode	Vivid Standart Custom Photo-vivid Photo-Standart Photo-Custom Cinema Game Graphics Sports
<b>Power</b>		Video Processing	X-Reality PRO
Power Consumption (In Operation) max.	59.4W	Wide Mode	Wide Zoom Normal Full Zoom Normal / Full1 / Full2 for PC
Power Consumption (In Standby)	120V : 0.50W / 240V : 0.50W	<b>Weights and Measurements</b>	Dimensions (Approx.) TV only: 36 1/2 x 21 5/8 x 2 5/8(3/8) in (924 x 549 x 66(8.9) mm) TV with stand: 36 1/2 x 23 1/4 x 8 3/8 in (924 x 589 x 212 mm)
Power Requirements (Voltage)	DC 19.5V	Packaging (Approx.)	Carton dimensions: 40 x 26 x 6 3/8 in (1015 x 658 x 161 mm) Carton weight: 24.3 lbs (11 kg)
<b>Regulation and Standards Compliance</b>		Weight (Approx.)	TV only: 17 lbs (7.7 kg) TV with stand: 17.9 lbs (8.1 kg)
VESA® Hole Pitch	7 7/8 x 7 7/8 in (200 x 200 mm)	<b>Accessories</b>	
VESA® Hole Spacing Compatible	Yes		
<b>Service and Warranty Information</b>			
Limited Warranty Term	12 Months		
<b>TV System</b>			
Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135		
Channel Coverage (Digital Cable)	CATV: 1-135		
Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69		
Color System	NTSC		
Memory	4G		
Number of Tuners (Terrestrial/Cable)	1 (Digital/Analog)		
OS	Linux		
TV System (Analog)	M		
TV System (Digital Cable)	Clear QAM		
TV System (Digital Terrestrial)	ATSC		
<b>Video</b>			

1. Photos can be shared at their original size, with your Android (Android 2.3 and above) or iOS (iOS5 and above) smartphones. There's no internet connection and no apps needed.

2. The smartphone must be compatible with Miracast™ technology. Connectivity with all Miracast™ compatible devices is not guaranteed.

3. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, and the operating system and software of this Product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.

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\*Applies to X850D Series beginning August 2016

\*\*Google Cast is not currently available in Pro Mode

\*\*\*Keyboard is available in applications only; mouse is available in the home menu