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BRAVIA 3 50" class LED 4K HDR Google TV (2024)

TV just got more exciting with incredibly vibrant picture and easy-to-use smart features. Everything you watch is enhanced with over a billion accurate colors with lifelike clarity and contrast that reveals every detail. Google TV™ brings together movies, shows, and more from across your apps and organizes them just for you.



Bullets

- 4K HDR Processor X1™ intelligently enhances every scene in real-time boosting color, contrast, and clarity.
- With Triluminos Pro™, see over a billion accurate colors for lifelike picture quality that is vivid and bright.
- Get access to all your favorite streaming apps in one place with Google TV™. And with Google Assistant™, simply use your voice to search and ask questions.¹
- Get access to all your favorite streaming apps, including Netflix, Prime Video, Disney+, YouTube, the Apple TV app, Crunchyroll, and many more.¹
- Easily stream to your TV with support for AirPlay® 2 and Chromecast built-in™.^{6,7}
- Get movies included with the SONY PICTURES CORE app (formerly BRAVIA CORE).²
- Get a truly cinematic viewing experience with support for 4K HDR, Dolby Vision® and Dolby Atmos®.³
- Bring back lost detail and see your content upscaled to near-4K resolution with 4K X-Reality™ PRO.⁴
- See blur-free picture quality in fast-moving sports and movies powered by Motionflow XR™ technology.
- Our innovative X-Balanced Speaker™, and support for Dolby Atmos®, provides clear natural sound for all your favorite content.
- Pair BRAVIA TV with compatible Sony soundbars for the ultimate cinema-like experience at home.
- Take your PS5® gaming to the next level with exclusive features – Auto HDR Tone Mapping and Auto Genre Picture Mode – that optimizes picture quality for gaming and streaming.⁸
- Game Menu puts all your gaming picture settings and exclusive assist features in one place.
- Minimal Flush Surface bezel and slim, sleek stand lets you focus on the big picture.⁹
- BRAVIA CAM (sold separately) automatically optimizes picture and sound according to your room environment, and you can enjoy video chat on a bigger screen.¹⁰
- Eco Dashboard keeps all your energy efficiency settings in one place, making it easier to change them individually or in one go.

Features

Intelligent TV processing

Watch everything with lifelike picture quality, powered by the intelligent 4K HDR Processor X1™. Every scene is dynamically enhanced with over a billion colors and excellent clarity and contrast.

Real-world colors

See lifelike picture quality with over a billion accurate colors. Triluminos Pro™ reproduces colors with enhanced saturation and hue so everything you watch is vivid and bright.

Everything you stream. All on one screen.

With 700,000+ movies and TV episodes, live TV, and more available across 10,000+ apps, Google TV™ brings together your favorite entertainment from across your apps and organizing it all, just for you.¹

Movies included with SONY PICTURES CORE

Instantly enjoy top movies with the SONY PICTURES CORE app (formerly BRAVIA CORE). Your BRAVIA TV comes with movie credits included so you can immediately watch some of the latest releases. You're also subscribed to an amazing selection of new and classic movies to stream anytime, and updated regularly.²

More immersive movie experience

BRAVIA 3 supports 4K HDR, Dolby Vision® and Dolby Atmos® for a truly cinematic and immersive viewing experience. These

formats were designed to elevate your movie watching with more 3D sound and dynamic HDR visuals that are sure to impress.³

Upscale everything you watch

See stunning 4K picture quality, rich with real-world detail and texture. 4K X-Reality™ PRO analyzes and refines every scene using our unique 4K reference database so even content filmed in HD is upscaled to near-4K resolution.⁴

Smooth and clear action

TV that keeps up with real life. Motionflow™ XR keeps movement smooth and clear, allowing fast-moving action in sports and movies to be seen with lifelike clarity.

Hands-free help from Google

With Google Assistant, searching is easy – just ask Google. Press the Google Assistant button on the remote or try saying, “Hey Google, find action movies” to search across your favorite apps. Access entertainment, get answers on screen, and control smart home devices.¹

Your favorite streaming apps in one place

Sony Google TVs™ give you access to all your favorite streaming apps in an easy-to-navigate interface, including Netflix, Prime Video, Disney+, YouTube, the Apple TV app, Crunchyroll, and many more.¹

Family-friendly smart TV

With Kids Profiles, kids get their very own Google TV™ experience — a space that’s just for them, with apps and entertainment designed with kids in mind. Kids can pick from a selection of playful avatars and themes, and parents can restrict what streaming services are shown, limit watching time, and set a bedtime.^{1,5}

Effortlessly stream to your TV

Easily stream movies, shows, photos, and more from your Apple® device with AirPlay® 2 or Android™ device with Chromecast built-in™. ^{6,7}

Big sound with complete clarity

Hear clear natural sound for all your favorite content. Our innovative X-Balanced Speaker™ brings distortion-free acoustics so you’ll miss nothing of your entertainment. And with support for Dolby Atmos® everything you watch gets the true surround sound treatment.³

BRAVIA TV and Sony soundbars, the perfect pair

Pair BRAVIA TV with compatible Sony soundbars for the ultimate cinema-like experience at home. When connected, easily control the sound settings on the TVs Quick Settings menu, making it easy to adjust volume and sound field with a single remote.

Exclusive features for PlayStation® 5

Get detailed, responsive game play and feel the action all around you with BRAVIA TV exclusive features for the PlayStation® 5 console. Auto HDR Tone Mapping instantly optimizes HDR settings during your PS5® initial setup for detailed, high-contrast scenes. Auto Genre Picture Mode automatically switches the TV to Game Mode when gaming to ensure reduced input lag and back to Standard Mode when streaming for optimized picture quality.⁸

All your game settings in one place

With Game Menu, quickly manage your gaming picture settings and exclusive assist features in a single convenient interface. Get access to features like Black Equalizer to reveal details in even the darkest shadows, apply a Crosshair overlay so you always have your enemy in your sights, and use the Screen Size feature to shrink your screen for precision gaming on your big TV.

Minimal bezel. Maximum screen.

Our Flush Surface design minimizes the bezels to maximize the enjoyment of watching what’s on screen. This sleek and seamless stand is designed to perfectly match the TV and compliment your space beautifully. Plus, there is plenty of room for a sound bar to be placed under the TV to improve audio performance and stay immersed in everything you watch.⁹

Video Chat with BRAVIA Cam

Connect BRAVIA Cam, sold separately, to video chat with friends and family on a bigger screen.¹⁰

Compact Eco Remote

Our compact Eco Remote uses approximately 79.7% recycled plastic and is designed for easy control of all your connected devices.

All your energy-saving settings in one place

With the flexible and configurable Eco Dashboard, energy saving settings can now be centrally managed. You can easily customize energy saving settings for your TV usage, viewing environment, and the content you are watching, all in one place.

Specification

Accessibility Features	
Audio Description	Yes
Closed Captions (Digital)	Closed Caption
Text Magnification	Yes
Accessibility Shortcut	Yes
Voice Search	Yes
Accessible Initial setup with TalkBack	Yes
TalkBack	Yes
Switch Access	Yes
Audio Features	
Speaker Type-2	X-Balanced Speaker
Clear Phase	Yes
S-Master	S-Master Digital Amplifier
Auto Surround	Yes
Dolby audio format support	Dolby Audio, Dolby Atmos
HDMI Audio Return Channel(ARC)	Yes (eARC/ARC)
Auto Mute (on no signal)	Yes
HDMI input Audio format	7.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, Dolby Atmos
ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos
Audio Specs	
Channel	2ch
Audio Power Output	10W + 10W
Speaker Position	Down Firing
Bass/Treble/Balance	Balance
Speaker Type	Bass Reflex Speaker
Speaker Configuration	Full Range (Bass Reflex) x 2
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio
Carton Spec	
Max Qty of carton stacking (vertical)	6
Max Qty of carton stacking (horizontal) *only for Shop Front	N/A
Convenience Features	
Optimization of HDMI input	Auto Picture Mode
Auto Low Latency Mode (ALLM)	Yes (for HDMI1/2/3/4)

Features specified in HDMI2.1	eARC/ALLM
Built-in Mic switch	Yes (Center)
Electronic Program Guide (EPG)	Yes
USB playback codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 TS(HDV,AVCHD):MPEG2,MPEG4,AVC,AVS,HEVC/MP4(XAVC S):AVC,MPEG4,HEVC,AV1,VP8,WMV,MotionJpeg./AVI:MotionJpeg,HEVC,MPEG4,WMV,AVC,VP8/ASF(WMV)/MOV:AVC,HEVC,MPEG4,WMV/MKV:AVC,MPEG4,VP8,HEVC,VP9,WMV,AV1,3GPP:MPEG4,AVC,HEVC,MPEG2,WMV,VP8,AV1/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG/WEBM:AV1,VP9/AC4/ogg/AAC
Built-in Mic	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 / zh_HK
Chromecast built-in	Yes
Application Store	Yes (Google Play Store)
BRAVIA Sync (including HDMI-CEC)	Yes
i-Manual	Yes
Parental Control	Yes
Channel Block (with password)	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,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,PER,FIN,FRA,GUJ,HIN,HRV,HUN,IND,ITA,HEB,KAZ,KAN,LIT,LAV,MAC,MAL,MAR,MAY,NOB,NLD,PAN,POL,POR,RUM,RUS,SOL,SLV,ALB,SRP,SWE, zh_CN, zh_TW, zh_HK , ZUL, SWA, VIE, TAM ,TEL, THA, TUR,UKR, TGL
Auto Shut-off	Yes
Customizing Capability	
RS-232C Control	Yes
Design Features	
Stand Position	1way position (Outside)
Stand Color	Black
Bezel Design	Flush Surface
Cable Management	Yes
Frame color	Black
Stand Design	Slim Wedged Stand
Display Features	
Display type	LCD LED
Display Specs	
Screen Size (inch, measured diagonally)	50"(49.5")
Screen Size for WEB(diagonal, cm, integer or 1st decimal)	126 cm
Backlight type	Direct LED

Display resolution (H x V, pixels)	3840 x 2160
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:9
Energy Saving & Efficiency	
Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes
General Features	
Smart TV	Google TV
Closed Captions (Analog)	Yes
SONY PICTURES CORE	5 credits/12 months
Demo Mode	Yes(e-POP only)
Inputs and Outputs	
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(24,30,60Hz), 1080i(60Hz), 720p(24,30,60Hz), 480p, 480i
HDCP	HDCP2.3(for HDMI1/2/3/4)
Bluetooth profile support	Version 5.3,HID/HOGP/SPP/A2DP/AVRCP
4K 60P High-Quality formats	HDMI IN1, IN2, IN3, IN4 ports for 4K(up to 18Gbps) signal
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
HDMI inputs total	4(4Side)
Digital Audio Output(s)	1(Side)
USB ports	2(Side)
Ethernet inputs	1(Side)
RS-232C Input(s)	1(Side) * Only for the United States/Canada/Mexico/Dominican Republic models.
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), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)
Measurements (Approx.)	
Dimension of TV without Stand (W x H x D)	1119 x 649 x 70 mm / 44 1/8 x 25 5/8 x 2 7/8 inch
TV with Stand (Standard position) (W x H x D)	1119 x 714 x 267 mm / 44 1/8 x 28 1/8 x 10 5/8 inch
Dimension of Package Carton (W x H x D)	1225 x 782 x 141 mm / 48 1/4 x 30 7/8 x 5 5/8 inch
Stand width (Standard position)	715 mm / 28 1/4 inch
AC Cable Length	1600mm
Network Features	
Control Menu	Yes
ECO Dashboard	Yes

Apple AirPlay	Yes
Apple HomeKit	Yes
Wi-Fi Certified	Yes
Wi-Fi Standard	a/b/g/n/ac/ax
Wi-Fi Frequency	2.4GHz/5GHz/6GHz
Wireless LAN	Integrated
Power	
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	134 W
Power Consumption (Standby Mode)	0.5 W
Regulation and Standard Compliance	
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	200 x 200 mm / 7 7/8 x 7 7/8 inch
Sensing Features	
Sensor	Light
Supplied Accessories	
Voice Remote Control (Supply)	RMF-TX820U
Batteries	LR03
AC Power Cord Spec	Bundle (C7L) (US) (2pin) (flat blades)
Operating Instructions	EN,FR,ES
Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES,PT
Table Top Stand	Separate (Assembly required)
TV System	
TV System (Analog)	M * Only for the United States/Canada/Mexico models. Customers in other countries/regions, please refer to the specifications in the Reference Guide.
Tuner Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
TV System (Digital Terrestrial)	ATSC * Only for the United States/Canada/Mexico models. Customers in other countries/regions, please refer to the specifications in the Reference Guide.
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69 * Only for the United States/Canada/Mexico models. Customers in other countries/regions, please refer to the specifications in the Reference Guide.
Tuner Channel Coverage (Digital Cable)	CATV: 1-135 * Only for the United States/Canada/Mexico models. Customers in other countries/regions, please refer to the specifications in the Reference Guide.
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
Color System	NTSC
Operating System	Google TV
On-board Storage (GB)	16GB
Video Features	
TRILUMINOS	Triluminos Pro

Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
Picture modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Professional, Dolby Vision (Vivid/Bright/Dark/Game)
Auto Wide	Yes
Wide Mode	Full/Vertical Fit/Horizontal Fit/Original, Full/Vertical Fit/Horizontal Fit/Original
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 HDR Processor X1
HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	60Hz
Dynamic Contrast Enhancer	Yes
Weights (Approx.)	
Weight of TV without Stand	12.1 kg / 26.7 lb
TV with Stand (Standard position)	12.3 kg / 27.1 lb
Weight of Package Carton(Gross)	17 kg / 37.5lb.

- User must accept Google Terms of Service (<http://www.google.com/policies/terms/>), Google Play Terms of Service (https://play.google.com/intl/en-US_us/about/play-terms/index.html), and Privacy Policy (<http://www.google.com/policies/privacy/>) to use this product. User consents to a mandatory software update at set-up and such other additional updates that may be required in the future by Google and/or Sony. User must connect to a Google Account to use certain advertised features, including voice to activate linked apps, and install certain apps and operating software during setup. Use of this product without connecting to a Google Account allows only basic features and certain apps. Features and specifications are subject to change without notice. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, operating system, and software of this product may be subject to separate or third-party terms and conditions and changed, interrupted, or discontinued at any time and may require fees, registration, and credit card information. Apps must be compatible with this product. App availability varies by region and device. Google TV is the name of this device's software experience and a trademark of Google LLC. Google, Google Meet, YouTube, YouTube Music, and Chromecast built-in are trademarks of Google LLC.
- Purchase an eligible TV and register for SONY PICTURES CORE™ by February 23, 2025 to be eligible for promotion offers. Available movies subject to change. Terms and conditions apply, for full details see <https://electronics.sony.com/sony-pictures-core>. Network services, content, and operating system and software of product may be subject to separate or third-party terms and conditions and changed, interrupted, or discontinued at any time and may require fees, registration, and credit card information.
- Dolby Vision and Atmos content compatible with streaming services or compatible content device connected via HDMI input (sold separately).
- Upscaled, simulated and enhanced 4K images will vary based on source content.
- This feature is for users of streaming apps. TV broadcasts cannot be accessed when using Kids Profile. Some TV functions may not be available while using Kids Profile, such as changing settings or inputs.
- This Sony TV is compatible with AirPlay 2 and HomeKit. iOS 12.2 or later or macOS 10.14.4 or later is required. Apple ID account required. Subscriptions may be required to access certain content. Apple, the Apple logo, Apple TV, Apple Home, AirPlay and Siri are trademarks of Apple Inc., registered in the U.S. and other countries.
- Chromecast built-in compatibility dependent on app. Chromecast built-in is a trademark of Google LLC.
- To activate Auto HDR Tone Mapping, must enable feature when pairing PS5 to the TV for the first time; or will need to perform factory reset on PS5 and enable the feature during initial setup. Auto Genre Picture Mode works when Auto Picture Mode on the TV is set to ON. Both features are supported only when PS5 and TV are directly connected, or via compatible Sony soundbar. Applicable TV models: Z9K, A95K, A95L, A80K, A80L, XR80B, X95K, X95L, XR90B, X93L, XR70B, X90K, X90L, X85K, S30B, X80K
- Actual look may differ depending on TV size.
- BRAVIA CAM CMU-BC1 is sold separately. Ensure TV is running latest firmware to enable all features. Supported apps and a camera is required for video chat. See compatible cameras here: <https://www.sony.net/camera-support>
- Amazon Alexa enabled devices (sold separately) compatible with Sony TVs powered by Google TV™. Amazon account required. Subscriptions may be required to access certain content. Amazon, Prime Video, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
- PS5® system, DualSense controller, and vertical stand sold separately.
- A PS4™ or PS5® console is required to stream your games to other devices. PS Remote Play can be used with a mobile data connection or Wi-Fi. Broadband internet with at least 5Mbps is required. For a better PS Remote Play experience, a high-speed connection of at least 15Mbps is recommended using either Wi-Fi or mobile data connection. Titles that require a VR headset (PlayStation®VR or PlayStation®VR2) or additional peripherals (other than a DUALSHOCK®4, DualSense™, or DualSense Edge™ wireless controller) are not compatible with PS Remote Play.
- Screen images simulated. For illustrative purposes only.

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