



< A90K | BRAVIA XR | MASTER SERIES | OLED | 4K ULTRA HD | HIGH DYNAMIC RANGE (HDR) | SMART TV (GOOGLE TV)

FULL SPECIFICATIONS AND FEATURES

2 Models	107 cm (42") XR-42A90K	121 cm (48") XR-48A90K
WHAT'S IN THE BOX	AC Power Cord Batteries Operating Instructions Quick Setup Guide Table Top Stand Voice Remote Control	AC Power Cord Batteries Operating Instructions Quick Setup Guide Table Top Stand Voice Remote Control
MODEL YEAR	2022	2022
Dimensions and Weight		
SCREEN SIZE (INCH, MEASURED DIAGONALLY)	42 in (41.5 in)	48 inch (47.5 inch)
SCREEN SIZE (CM, MEASURED DIAGONALLY)	106 cm	121 cm
DIMENSION OF TV WITHOUT STAND (W X H X D)	36.73 x 21.50 x 2.24 inches (933 x 546 x 57 mm)	42.13 x 24.63 x 2.38 in (1,069 x 624 x 59 mm)
DIMENSION OF TV WITH STAND (STANDARD POSITION) (W X H X D)	36.73 x 21.69 x 8.86 inches (933 x 551 x 225 mm)	42.13 x 24.88 x 8.88 in (1,069 x 629 x 225 mm)
DIMENSION OF TV WITH STAND (SOUNDBAR POSITION) (W X H X D)	36.73 x 24.41 x 8.86 inches (933 x 620 x 225 mm)	42.13 x 27.5 x 8.88 in (1,069 x 697 x 225 mm)
DIMENSION OF PACKAGE CARTON (W X H X D)	41.42 x 27.09 x 6.69 inches (1,052 x 688 x 170 mm)	46.75 x 29.25 x 7.5 in (1,187 x 741 x 188 mm)
STAND WIDTH (STANDARD POSITION)	500 mm (19 3/4 in)	500 mm (19 3/4 in)
STAND WIDTH (SOUNDBAR POSITION)	500 mm (19 3/4 in)	500 mm (19 3/4 in)
VESA® HOLE PITCH(W X H)	7.87 x 7.87 inch (200 x 200 mm)	11.81 x 11.81 inch (300 x 300 mm)
WEIGHT OF TV WITHOUT STAND	29.3 lb (13.3 kg)	29.6 lb (13.4 kg)
WEIGHT OF TV WITH STAND	36.2 lb (16.4 kg)	36.4 lb (16.5 kg)
WEIGHT OF PACKAGE CARTON (GROSS)	21 kg / 46.3 lb	21 kg / 46.3 lb

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Connectivity		
WI-FI STANDARD	Wi-Fi Certified 802.11a/b/g/n/ac	Wi-Fi Certified 802.11a/b/g/n/ac
WI-FI FREQUENCY	2.4 GHz/5 GHz (for Wi-Fi Direct: 2.4 GHz Only)	2.4 GHz/5 GHz (for Wi-Fi Direct: 2.4 GHz Only)
ETHERNET INPUTS	1 (Bottom)	1 (Bottom)
BLUETOOTH PROFILE SUPPORT	Version 4.2, HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/SPP (Serial Port Profile)/Advanced Audio Distribution Profile (stereo audio) ² /AVRCP (AV remote control)	Version 4.2, HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/SPP (Serial Port Profile)/Advanced Audio Distribution Profile (stereo audio) ² /AVRCP (AV remote control)
CHROMECAST BUILT-IN	Yes	Yes
APPLE AIRPLAY	Yes	Yes
APPLE HOMEKIT	Yes	Yes
RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S)	1 (Bottom)	1 (Bottom)
IF (SATELLITE) INPUT(S)	No	No
COMPONENT VIDEO (Y/PB/PR) INPUT(S)	No	No
COMPOSITE VIDEO INPUT(S)	Hybrid with S-Centre Speaker Input x1 (Side, Mini jack)	Hybrid with S-Centre Speaker Input x1 (Side, Mini jack)
RS-232C INPUT(S)	1 (Bottom)	1 (Bottom)
HDMI INPUTS TOTAL	4 (1 Side, 3 Bottom)	4 (1 Side, 3 Bottom)
HDCP	HDCP 2.3 (for HDMI™ 1/2/3/4)	HDCP 2.3 (for HDMI™ 1/2/3/4)
BRAVIA SYNC (INCLUDING HDMI-CEC)	Yes	Yes
FEATURES SPECIFIED IN HDMI2.1	4K120/eARC/VRR/ALLM	4K120/eARC/VRR/ALLM
HDMI AUDIO RETURN CHANNEL (ARC)	Yes (eARC/ARC)	Yes (eARC/ARC)
VARIABLE REFRESH RATE (VRR)	Yes (for HDMI™ 3/4)	Yes (for HDMI™ 3/4)

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AUTO LOW LATENCY MODE (ALLM)	Yes (for HDMI™3/4)	Yes (for HDMI™3/4)
DIGITAL AUDIO OUTPUT(S)	1 (Bottom)	1 (Bottom)
HEADPHONE OUTPUT(S)	-	-
AUDIO OUTPUT(S)	-	-
SUBWOOFER OUTPUT(S)	-	-
USB PORTS	1 (Side)/1 (Bottom)	1 (Side)/1 (Bottom)
USB HDD RECORDING	No	No
USB DRIVE FORMAT SUPPORT	FAT16/FAT32/exFAT/NTFS	FAT16/FAT32/exFAT/NTFS
USB PLAYBACK CODECS	MPEG1: MPEG1/MPEG2PS: MPEG2/MPEG2TS (HDV, AVCHD): MPEG2, AVC/MP4 (XAVC S): AVC, MPEG4, 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)/LPCM/WAV/MP4AAC/FLAC/JPEG, WEBM: VP9/AC4/ogg/AAC/ARW (Screen nail only)	MPEG1: MPEG1/MPEG2PS: MPEG2/MPEG2TS (HDV, AVCHD): MPEG2, AVC/MP4 (XAVC S): AVC, MPEG4, 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)/LPCM/WAV/MP4AAC/FLAC/JPEG, WEBM: VP9/AC4/ogg/AAC/ARW (Screen nail only)
Picture (Panel)		
DISPLAY TYPE	OLED	OLED
DISPLAY RESOLUTION (H X V, PIXELS)	3840 x 2160	3840 x 2160
VIEWING ANGLE (X-WIDE ANGLE)	-	-
ANTI REFLECTION (X-ANTI REFLECTION)	-	-
BACKLIGHT TYPE	-	-
BACKLIGHT DIMMING TYPE	-	-
PANEL REFRESH RATE	120 Hz	120 Hz
Picture (processing)		

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HDR (HIGH DYNAMIC RANGE) COMPATIBILITY	Yes (HDR10, HLG, Dolby Vision)	Yes (HDR10, HLG, Dolby Vision)
PICTURE PROCESSOR	Cognitive Processor XR	Cognitive Processor XR
CLARITY ENHANCEMENT	Dual database processing XR 4K Upscaling XR Super Resolution	Dual database processing XR 4K Upscaling XR Super Resolution
COLOUR ENHANCEMENT	Live Colour™ Technology XR Smoothing XR TRILUMINOS PRO™	Live Colour™ Technology XR Smoothing XR TRILUMINOS PRO™
CONTRAST ENHANCEMENT	Dynamic Contrast Enhancer OLED XR Contrast Pro Pixel Contrast Booster XR HDR remaster	Dynamic Contrast Enhancer OLED XR Contrast Pro Pixel Contrast Booster XR HDR remaster
MOTION ENHANCER (NATIVE HZ)	XR OLED Motion, Auto mode	XR OLED Motion, Auto mode
VIDEO SIGNAL SUPPORT	HDMI™ signal: 4096 x 2160p (24, 60 H z), 3840 x 2160p (24, 30, 60, 120 Hz) ³ , 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480 p	HDMI™ signal: 4096 x 2160p (24, 60 H z), 3840 x 2160p (24, 30, 60, 120 Hz) ³ , 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480 p
PICTURE MODES	Vivid, Standard, Cinema, IMAX Enhanced, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated	Vivid, Standard, Cinema, IMAX Enhanced, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated
SENSOR	Light	Light
NETFLIX CALIBRATED MODE	Yes	Yes
Sound (Speakers and Amplifier)		
AUDIO POWER OUTPUT	10 W + 10 W + 5 W	10 W + 10 W + 5 W
SPEAKER TYPE	Acoustic Surface Audio+	Acoustic Surface Audio+
SPEAKER CONFIGURATION	Actuator x2, Subwoofer x1	Actuator x2, Subwoofer x1
Sound (Processing)		
DOLBY AUDIO FORMAT SUPPORT	Dolby™ Audio, Dolby™ Atmos	Dolby™ Audio, Dolby™ Atmos

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DTS AUDIO FORMAT SUPPORT	DTS Digital Surround	DTS Digital Surround
ACOUSTIC AUTO CALIBRATION	Room And User Position Compensation	Room And User Position Compensation
VOICE ZOOM	Voice Zoom 2	Voice Zoom 2
FM RADIO	No	No
SOUND PROCESSING	No	No
SIMULATED SURROUND SOUND	3D Surround Upscaling	3D Surround Upscaling
SOUND MODES	Standard, Dialogue, Cinema, Music, Sports, Dolby Audio	Standard, Dialogue, Cinema, Music, Sports, Dolby Audio
ACOUSTIC CENTRE SYNC	Yes (Sony-compatible Soundbar)	Yes (Sony-compatible Soundbar)
HEADPHONE 3D SURROUND READY	Yes ⁴	Yes ⁴
Camera		
CAMERA	BRAVIA CAM ⁵ (Option)	BRAVIA CAM ⁵ (Option)
CAMERA FUNCTION	Yes ⁵ (Camera apps)	Yes ⁵ (Camera apps)
Software		
OPERATING SYSTEM	Android TV™	Android TV™
SMART TV	Google TV™	Google TV™
ON-BOARD STORAGE (GB)	16 GB ⁶	16 GB ⁶

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DISPLAY LANGUAGE	AFRIKAANS, AMH, ARABIC, ASSAMESE, AZE, BEL, BULGARIAN, BENGALI, BOSNIAN, CATALAN, CZECH, DANISH, DEU, GREEK, ENGLISH, SPANISH, ESTONIAN, BAQ, PER, FINNISH, FRENCH, GLG, GUJARATI, HINDI, CROATIAN, HUNGARIAN, INDONESIAN, ISL, ITALIAN, HEBREW, JAPANESE, KAZAKH, KANNADA, KOR, KIR, LAO, LITHUANIAN, LATVIAN, MACEDONIAN, MALAYALAM, MON, MARATHI, MAY, BUR, NOB, NEP, NLD, ORIYA, PANJABI, POLISH, PORTUGUESE, ROMANIAN, RUSSIAN, SOL, SLOVENIAN, ALB, SERBIAN, SWEDISH, SWAHILI, TAMIL, TELUGU, THAI, TGL, TURKISH, UKRAINIAN, URD, UZB, VIETNAMESE, SIMPLIFIED CHINESE, TRADITIONAL CHINESE, ZULU	AFRIKAANS, AMH, ARABIC, ASSAMESE, AZE, BEL, BULGARIAN, BENGALI, BOSNIAN, CATALAN, CZECH, DANISH, DEU, GREEK, ENGLISH, SPANISH, ESTONIAN, BAQ, PER, FINNISH, FRENCH, GLG, GUJARATI, HINDI, CROATIAN, HUNGARIAN, INDONESIAN, ISL, ITALIAN, HEBREW, JAPANESE, KAZAKH, KANNADA, KOR, KIR, LAO, LITHUANIAN, LATVIAN, MACEDONIAN, MALAYALAM, MON, MARATHI, MAY, BUR, NOB, NEP, NLD, ORIYA, PANJABI, POLISH, PORTUGUESE, ROMANIAN, RUSSIAN, SOL, SLOVENIAN, ALB, SERBIAN, SWEDISH, SWAHILI, TAMIL, TELUGU, THAI, TGL, TURKISH, UKRAINIAN, URD, UZB, VIETNAMESE, SIMPLIFIED CHINESE, TRADITIONAL CHINESE, ZULU
TEXT INPUT LANGUAGE	ENGLISH / FRENCH / GERMAN / HEBREW / ITALIAN / RUSSIAN / SPANISH / VIETNAMESE / JAPANESE	ENGLISH / FRENCH / GERMAN / HEBREW / ITALIAN / RUSSIAN / SPANISH / VIETNAMESE / JAPANESE
VOICE SEARCH	(Voice Search) Yes ⁷ / (Built-in Mic) Yes	(Voice Search) Yes ⁷ / (Built-in Mic) Yes
BUILT-IN MIC SWITCH	Yes	Yes
ELECTRONIC PROGRAM GUIDE (EPG)	Yes	Yes
INTERNET BROWSER	Vewd (not pre-installed)	Vewd (not pre-installed)
APPLICATION STORE	Yes (Google Play Store)	Yes (Google Play Store)
ON/OFF TIMER	Yes	Yes
SLEEP TIMER	Yes	Yes
TELETEXT	No	No
AUTO CALIBRATION WITH CALMAN®	Yes	Yes
CLOSED CAPTIONS (ANALOG/DIGITAL)	(Analog) Closed Caption (Digital) Closed Caption	(Analog) Closed Caption (Digital) Closed Caption
Features for PlayStation®5		
AUTO HDR TONE MAPPING	Yes	Yes
AUTO GENRE PICTURE MODE	Yes	Yes

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Power and Energy saving		
SCREEN SIZE (CM, MEASURED DIAGONALLY)	106 cm	121 cm
SCREEN SIZE (INCH, MEASURED DIAGONALLY)	42 in (41.5 in)	48 inch (47.5 inch)
POWER CONSUMPTION (IN STANDBY)	0.5 W	0.5 W
PRESENCE OF LEAD	-	-
MERCURY CONTENT(MG)	0.0 mg	0.0 mg
POWER CONSUMPTION (ON MODE) FOR ENERGY STAR	-	-
POWER CONSUMPTION (STANDBY MODE) FOR ENERGY STAR	-	-
ENERGY STAR® COMPLIANT	-	-
POWER REQUIREMENTS (VOLTAGE/FREQUENCY)	60 Hz for UL cUL 50/60 Hz for other AC 120 V for UL cUL AC 110-240 V for other	60 Hz for UL cUL 50/60 Hz for other AC 120 V for UL cUL AC 110-240 V for other
POWER SAVING MODE / BACK LIGHT OFF MODE	Yes	Yes
DYNAMIC BACKLIGHT CONTROL	-	-
ECO FRIENDLY	Yes	Yes
Design		
BEZEL DESIGN	Metal flush surface	Metal flush surface
BEZEL COLOUR	Titanium Black	Titanium Black
STAND DESIGN	Aluminum Centre Plate	Aluminum Centre Plate
STAND COLOUR	Titanium Black	Titanium Black
STAND POSITION	Two-way position (Standard position/S oundbar position)	Two-way position (Standard position/S oundbar position)
REMOTE CONTROL	Premium Remote	Premium Remote

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Built-in Tuner		
NUMBER OF TUNERS (TERRESTRIAL/CABLE)	1 (Digital/Analog)	1 (Digital/Analog)
NUMBER OF TUNERS (SAT)	-	-
TV SYSTEM (ANALOG)	M	M
TUNER CHANNEL COVERAGE (ANALOG)	VHF: 2-13/UHF: 14-69/CATV: 1-135	VHF: 2-13/UHF: 14-69/CATV: 1-135
TV SYSTEM (DIGITAL TERRESTRIAL)	ATSC/ATSC 3.0 (NEXTGEN TV)	ATSC/ATSC 3.0 (NEXTGEN TV)
TUNER CHANNEL COVERAGE (DIGITAL TERRESTRIAL)	VHF: 2-13/UHF: 14-69 (2-13/14-36 for ATSC3.0)	VHF: 2-13/UHF: 14-69 (2-13/14-36 for ATSC3.0)
TV SYSTEM (DIGITAL CABLE)	Clear QAM	Clear QAM
TUNER CHANNEL COVERAGE (DIGITAL CABLE)	CATV: 1-135	CATV: 1-135
TV SYSTEM (DIGITAL SAT)	-	-
CI+	-	-
Accessibility		
SCREEN READER	Yes	Yes
AUDIO DESCRIPTION (AUDIO KEY)	Yes	Yes
CLOSED CAPTION	Closed Caption	Closed Caption
TEXT MAGNIFICATION	Yes	Yes
ACCESSIBILITY SHORTCUT	Yes	Yes
VOICE SEARCH	Yes ⁷	Yes ⁷
Accessories		
OPTIONAL ACCESSORIES	Camera Unit (CMU-BC1) ⁵ Depends on country selection	Camera Unit (CMU-BC1) ⁵ ; Wallmount Bracket (SU-WL855) Depends on country selection