

3 Models	55" class (54.6" diag) XR-55A90J	65" class (64.5" diag) XR-65A90J	83" class (82.7" diag) XR-83A90J
STAND WIDTH (SOUNDBAR POSITION)	45.28 inch (1,150 mm)	53.74 inch (1,365 mm)	74 1/8" (1,880 mm) *Stand width in narrow position *27 5/8" (700 mm)
VESA® HOLE PITCH (W X H)	11.81 x 11.81 inch (300 x 300 mm)	11.81 x 11.81 inch (300 x 300 mm)	15 3/4" x 15 3/4" inch (400 x 400 mm)
WEIGHT OF TV WITHOUT STAND	41 lbs (18.6 kg)	49.6 lbs (22.5 kg)	92.6 lbs (42 kg)
WEIGHT OF PACKAGE CARTON (GROSS WEIGT)	63.9 lbs (29 kg)	74.9 lbs (34 kg)	138 lbs (62.6 kg)
Connectivity			
WI-FI STANDARD	Wi-Fi Certified 802.11a/b/g/n/ac	Wi-Fi Certified 802.11a/b/g/n/ac	Wi-Fi Certified 802.11a/b/g/n/ac
ETHERNET INPUTS	1 (bottom)	1 (bottom)	1 (bottom)-
BLUETOOTH PROFILE SUPPORT	version 4.2; HID (mouse/keyboard connectivity)/HOGP (Lohh w/energy device connectivity)/SPP(Serial Port Profile)/A2DP (stereo audio)/AVRCP (AV remote control)h	version 4.2; HID (mouse/keyboard connectivity)/HOGP (Low w/energy device connectivity) SPP(Serial Port Profile)/A2DP (stereo audio)/AVRCP (AV remote control)	version 4.2; HID (mouse/keyboard connectivity)/HOGP (Lo w Energy device connectivity)/SPP(Serial Port Profile)/A2DP (stereo audio)/AVRCP (AV remote control)
CHROMECAST BUILT-IN	Yes	Yes	Yes
APPLE AIRPLAY	Yes	Yes	Yes
APPLE HOMEKIT	Yes	Yes	Yes
RF (TERRESTRIAL/CABLE) CONNECTION INPUT	1 (bottom)	1 (bottom)	1 (bottom)
IF (SATELLITE) INPUT(S)	No	No	No
COMPONENT VIDEO (Y/PB/PR) INPUT(S)	No	No	No

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COMPOSITE VIDEO INPUT (S)	Hybrid with S-Center Speaker Input x1 (Side, Mini jack)	Hybrid with S-Center Speaker Input x1 (Side, Mini jack)	Hybrid with S-Center Speaker Input x1 (Side, Mini jack)
RS-232C INPUT(S)	1 (bottom)	1 (bottom)	1 (bottom)
HDMI INPUTS TOTAL	4 (1 Side, 3 Bottom)	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)	DCP 2.3 (for DMI 1/2/3/4)
HDMI-CEC	Yes	Yes	Yes
FEATURES SPECIFIED IN HDMI2.1	4K120/eARC/VRR ² /ALLM	4K120/eARC/VRR ² /ALLM	4K120/eARC/VRR/ALLM
HDMI AUDIO RETURN CHANNEL (ARC)	Yes (eARC/ARC)	Yes (eARC/ARC)	Yes (For HDMI 3/4)
VARIABLE REFRESH RATE (VRR)	Yes (for HDMI™3/4) ²	Yes (for HDMI™3/4) ²	Yes (for HDMI 3/4)
AUTO LOW LATENCY MODE (ALLM)	Yes (for HDMI™3/4)	Yes (for HDMI™3/4)	Yes, (for HDMI 3/4)
DIGITAL AUDIO OUTPUT(S)	1 (Bottom)	1 (Bottom)	1 (bottom)
HEADPHONE OUTPUT (S)	1 (side)	1 (side)	1 (side)
AUDIO OUTPUT (S)	-	-	-
SUBWOOFER OUTPUT (S)	-	-	-
USB PORTS	2 (side), 1 (bottom)	2 (side), 1 (bottom)	2 (side), 1 (bottom)
USB HDD RECORDING	No	No	No
USB DRIVE FORMAT SUPPORT	FAT16/FAT32/exFAT/NTFS	FAT16/FAT32/exFAT/NTFS	FAT16/FAT32/exFAT/NTFS

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USB PLAYBACK CODECS	MPEG1: MPEG1/MPEG2PS: M PEG2/MPEG2TS (HDV, AVCH D): MPEG2, AVC/MP4 (XAVC S): AVC, MPEG4, HEVC/AVI: X vid, MotionJpeg/ASF (WMV): VC1/MOV: AVC, MPEG4, Moti onJpeg/MKV: Xvid, AVC, MPE G4, VP8. HEVC/WEBM: VP8/3 GPP: MPEG4, AVC/MP3/ASF (WMA)/LPCM/WAV/MP4AA C/FLAC/JPEG; WEBM: VP9/AC 4/ogg/AAC/ARW (Screen nail only)	MPEG1: MPEG1/MPEG2PS: M PEG2/MPEG2TS (HDV, AVCH D): MPEG2, AVC/MP4 (XAVC S): AVC, MPEG4, HEVC/AVI: X vid, MotionJpeg/ASF (WMV): VC1/MOV: AVC, MPEG4, Moti onJpeg/MKV: Xvid, AVC, MPE G4, VP8. HEVC/WEBM: VP8/3 GPP: MPEG4, AVC/MP3/ASF (WMA)/LPCM/WAV/MP4AA C/FLAC/JPEG; WEBM: VP9/AC 4/ogg/AAC/ARW (Screen nail only)	MPEG1: MPEG1/MPEG2PS: M PEG2/MPEG2TS (HDV, AVCH D): MPEG2, AVC/MP4 (XAVCS): AVC, MPEG4, HEVC/AVI: X vid, MotionJpeg/ ASF (WMV):VC1/MOV: AVC, MPEG4, MotionJpeg/MKV: Xvid, AVC, MPE G4, VP8. HEVC/WEBM: VP8/3 GPP: MPEG4, AVC/MP3/ASF (WMA)/LPCM/WAV/MP4AA C/ FLAC/JPEG; WEBM: VP9/AC 4/ogg/AAC/ARW (Screen nail only)
Picture (Panel)			
DISPLAY TYPE	OLED	OLED	OLED
DISPLAY RESOLUTION (H X V, PIXELS)	3840 x 2160	3840 x 2160	3840 x 2160
VIEWING ANGLE (X-WIDE ANGLE)	Naturally excellent, no (X-WIDE ANGE FLTER IS NEEDED)	Naturally excellent, no (X-WIDE ANGE FLTER IS NEEDED)	Naturally excellent, no (X-WIDE ANGE FLTER IS NEEDED)
BACKLIGHT TYPE	No backlight needed, these are emissive self illuminating pixels	No backlight needed, these are emissive self illuminating pixels	No backlight needed, these are emissive self illuminating pixels
BACKLIGHT DIMMING TYPE	Every one of the 8.3 million pixels are dimmable	Every one of the 8.3 million pixels are dimmable	Every one of the 8.3 million pixels are dimmable
Picture (processing)			
HDR (HIGH DYNAMIC RANGE) COMPATIBILITY	Yes, HDR10, HLG, Dolby Vision	Yes HDR10, HLG, Dolby Vision	Yes HDR10, HLG, Dolby Vision
PICTURE PROCESSOR	Cognitive Processor XR	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	Dual database processing XR 4K Upscaling XR Super Resolution
COLOR ENHANCEMENT	Live Color™ Technology XR Smoothing XR Triluminos Pro™	Live Color™ Technology XR Smoothing XR Triluminos Pro™	Live Color™ Technology XR Smoothing XR Triluminos Pro™

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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	Dynamic Contrast Enhancer OLED XR Contrast Pro Pixel Contrast Booster XR HDR Remaster
MOTION ENHANCER (NATIVE HZ)	XR Motion Clarity, Auto mode	XR Motion Clarity, Auto mode	XR Motion Clarity, Auto mode
VIDEO SIGNAL SUPPORT	HDMI™ signal: 4096 x 2160p (24, 60 Hz), 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, 480p	HDMI™ signal: 4096 x 2160p (24, 60 Hz), 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, 480p	HDMI™ signal: 4096 x 2160p (24, 60 Hz), 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, 480p
PICTURE MODES	Vivid, Standard, Cinema, IMA X Enhanced, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated	Vivid, Standard, Cinema, IMA X Enhanced, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated	Vivid, Standard, Cinema, IMA X Enhanced, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated
SENSOR	Light/Color	Light/Color	Light/Color
NETFLIX CALIBRATED MODE	Yes	Yes	Yes

Sound (Speakers and Amplifier)

AUDIO POWER OUTPUT	20 W + 20 W + 10 W + 10 W	20 W + 20 W + 10 W + 10 W	20 W + 20 W + 10 W + 10 W
SPEAKER TYPE	Acoustic Surface Audio+	Acoustic Surface Audio+	Acoustic Surface Audio+
SPEAKER CONFIGURATION	Actuator x2, Subwoofer x2	Actuator x2, Subwoofer x2	Actuator x2, Subwoofer x2

Sound (Processing)

DOLBY AUDIO FORMAT SUPPORT	Dolby™ Audio, Dolby™ Atmos	Dolby™ Audio, Dolby™ Atmos	Dolby™ Audio, Dolby™ Atmos
DTS AUDIO FORMAT SUPPORT	DTS Digital Surround	DTS Digital Surround	DTS Digital Surround

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ACOUSTIC AUTO CALIBRATION	Room & User Position Compensation	Room & User Position Compensation	Room & User Position Compensation
VOICE ZOOM	Voice Zoom 2	Voice Zoom 2	Voice Zoom 2
FM RADIO	No	No	No
SOUND PROCESSING	No	No	No
SIMULATED SURROUND SOUND	3D Surround Upscaling	3D Surround Upscaling	3D Surround Upscaling
SOUND MODES	Standard, Dialog, Theater, Music, Sports, Dolby Audio	Standard, Dialog, Theater, Music, Sports, Dolby Audio	Standard, Dialog, Theater, Music, Sports, Dolby Audio
Software			
OPERATING SYSTEM	Android™ with Google TV user interface	Android™ with Google TV user interface	Android™ with Google TV user interface
ON-BOARD STORAGE (GB)	16 GB	16 GB	16 GB



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DISPLAY LANGUAGE	AFRIKAANS, AMH, ARABIC, AS SAMESE, 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, AS SAMESE, 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, AS SAMESE, 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	ENGLISH / FRENCH / GERMAN / HEBREW / ITALIAN / RUSSIAN / SPANISH / VIETNAMESE/ JAPANESE
VOICE SEARCH	(Voice Search) Yes ⁴ /(Built-in Mic) Yes	(Voice Search) Yes ⁴ /(Built-in Mic) Yes	(Voice Search) Yes ⁴ /(Built-in Mic) Yes
BUILT-IN MIC SWITCH	Yes	Yes	Yes
ELECTRONIC PROGRAM GUIDE (EPG)	Yes	Yes	Yes
INTERNET BROWSER	Vewd (not pre-installed)	Vewd (not pre-installed)	Vewd (not pre-installed)
APPLICATION STORE	Yes (Google Play Store)	Yes (Google Play Store)	Yes (Google Play Store)
ON/OFF TIMER	Yes	Yes	Yes

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SLEEP TIMER	Yes	Yes	Yes
TELETEXT	No	No	No
AUTO CALIBRATION WITH CALMAN®	Yes	Yes	Yes
CLOSED CAPTIONS (ANALOG/DIGITAL)	(Analog) Closed Caption (Digital) Closed Caption	(Analog) Closed Caption (Digital) Closed Caption	(Analog) Closed Caption (Digital) Closed Caption

Power and Energy saving

SCREEN SIZE (CM, MEASURED DIAGONALLY)	139 cm	164 cm	-
SCREEN SIZE (INCH, MEASURED DIAGONALLY)	55" (54.6")	65" (64.5")	-
ANNUAL ENERGY CONSUMPTION	185 kWh per year	228 kWh per year	TBT
POWER CONSUMPTION (IN STANDBY)	0.5 W	0.5 W	TBT
PRESENCE OF LEAD	-	-	-
MERCURY CONTENT (MG)	-	0.0 oz	-
POWER CONSUMPTION (ON MODE) FOR ENERGY STAR	-	-	-
POWER CONSUMPTION (STANDBY MODE) FOR ENERGY STAR	-	-	-
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	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	Yes

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Authorized Sony dealer	Yes	Yes	Yes
ECO FRIENDLY	Yes	Yes	Yes
Design			
BEZEL DESIGN	Seamless Edge	Seamless Edge	Seamless Edge
BEZEL COLOR	Titanium Black	Titanium Black	Titanium Black
STAND DESIGN	Aluminum Edge Stand	Aluminum Edge Stand	Aluminum Edge Stand
STAND COLOR	Titanium Black	Titanium Black	Titanium Black
STAND POSITION	Two-way position (Standard position/Soundbar position)	Two-way position (Standard position/Soundbar position)	Three-way position (Standard position/Soundbar position/narrow position)
REMOTE CONTROL	Premium Backlit Remote	Premium Backlit Remote	Premium Backlit Remote
Built-in Tuner			
NUMBER OF TUNERS (TERRESTRIAL/CABLE)	1 (Digital/Analog)	1 (Digital/Analog)	1 (Digital/Analog)
NUMBER OF TUNERS (SAT)	-	-	-
TV SYSTEM (ANALOG)	M	M	M
TUNER CHANNEL COVERAGE (ANALOG)	VHF: 2-13/UHF: 14-69/CATV: 1-135	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)	ATSC/ATSC 3.0 (NEXTGEN TV)
TUNER CHANNEL COVERAGE (DIGITAL TERRESTRIAL)	VHF: 2-13/UHF: 14-69 (14-36 for ATSC 3.0)	VHF: 2-13/UHF: 14-69 (14-36 for ATSC 3.0)	VHF: 2-13/UHF: 14-69 (14-36 for ATSC 3.0)

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TV SYSTEM (DIGITAL CABLE)	Clear QAM	Clear QAM	Clear QAM
TUNER CHANNEL COVERAGE (DIGITAL CABLE)	CATV: 1-135	CATV: 1-135	CATV: 1-135
TV SYSTEM (DIGITAL SAT)	-	-	-
CI+	-	-	-
Accessibility			
SCREEN READER	Yes	Yes	Yes
AUDIO DESCRIPTION (AUDIO KEY)	Yes	Yes	Yes
CLOSED CAPTION	Closed Caption	Closed Caption	Closed Caption
TEXT MAGNIFICATION	Yes	Yes	Yes
ACCESSIBILITY SHORTCUT	Yes	Yes	Yes
VOICE SEARCH	Yes ⁴	Yes ⁴	Yes ⁴
Accessories			
OPTIONAL ACCESSORIES	Wall mount Bracket SU-WL855, low profile articulating wall mount	Wall mount Bracket SU-WL855, low profile articulating wall mount	See dealer for flat static and articulating wall mount solutions



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