

# SONY

## < Z9G | MASTER SERIES | LED | 8K | HIGH DYNAMIC RANGE (HDR) | SMART TV (ANDROID TV)

### FULL SPECIFICATIONS AND FEATURES

2 Models	85" class (84.6" diag) XBR-85Z9G	98" class (97.6" diag) XBR-98Z9G
WHAT'S IN THE BOX	-	AC Power Cord Batteries Floor Stand Operating Instructions Quick Setup Guide Table Top Stand Voice Remote Control
MODEL YEAR	∅ <sup>2</sup>	2019
Dimensions and Weight		
SCREEN SIZE (INCH, MEASURED DIAGONALLY)	-	98" (97.5")
	-	97.52"
DIMENSION OF TV WITHOUT STAND (W X H X D)	-	86 3/4x51 5/8x4 3/8"/2202x1311 x111 mm
DIMENSION OF TV WITH STAND (W X H X D)	-	86 3/4x55x19 1/4"/2202x1395x4 86 mm
DIMENSION OF TV WITH FLOOR STAND (W X H X D)	-	2240x1725x694
DIMENSION OF PACKAGE CARTON (W X H X D)	-	96.50 x 65.25 x 30 in / 2450 x 16 57 x 760 mm
STAND WIDTH	-	74"/1879 mm
VESA® HOLE PITCH(W X H)	-	23 5/8x15 3/4"/600x400 mm

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WEIGHT OF TV WITHOUT STAND	-	207.5 lb/94.2 kg
WEIGHT OF TV WITH STAND	-	224.3 lb/101.8 kg
WEIGHT OF TV WITH FLOOR STAND	-	113.2
WEIGHT OF PACKAGE CARTON (GROSS)	-	394.3 lb/179 kg

## Connectivity

WI-FI STANDARD	-	Wi-Fi Certified 802.11a/b/g/n/ac
ETHERNET INPUTS	-	1 (bottom)
BLUETOOTH PROFILE SUPPORT	-	Version 4.2; HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/SPP (Serial Port Profile)/A2DP (stereo audio) <sup>3</sup> /AVRCP (AV remote control)
SMARTPHONE CONNECTIVITY	-	Chromecast built-in Video & TV SideView (iOS/Android)
RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S)	-	1 (bottom)
IF (SATELLITE) INPUT(S)	-	No
COMPONENT VIDEO (Y/PB/PR) INPUT(S)	-	No
COMPOSITE VIDEO INPUT(S)	-	1 (Side)
RS-232C INPUT(S)	-	1 (Side)
HDMI INPUTS TOTAL	-	4 (1 Side, 3 Bottom)

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HDCP	-	HDCP 2.3 (for HDMI™ 1/2/3/4)
HDMI-CEC	-	Yes
MHL	-	No
HDMI AUDIO RETURN CHANNEL (ARC)	-	Yes (eARC)
DIGITAL AUDIO OUTPUT(S)	-	1 (Bottom)
HEADPHONE OUTPUT(S)	-	1 (Side)
AUDIO OUTPUT(S)	-	-
SUBWOOFER OUTPUT(S)	-	-
USB PORTS	-	2 (side), 1 (bottom)
USB HDD RECORDING	-	No
USB DRIVE FORMAT SUPPORT	-	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)/WAV/MP4AAC/FLAC/JPEG; WEBM: VP9/AC4/ogg/AAC/ARW (Screen nail only)
<b>Picture (Panel)</b>		
DISPLAY TYPE	-	LCD

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DISPLAY RESOLUTION (H X V, PIXELS)	-	7680x4320
VIEWING ANGLE (X-WIDE ANGLE)	-	Yes
BACKLIGHT TYPE	-	Direct LED (Backlight Master Drive™)
BACKLIGHT DIMMING TYPE	-	Local Dimming
Picture (processing)		
HDR (HIGH DYNAMIC RANGE) COMPATIBILITY	-	Yes (HDR10, HLG, Dolby Vision)
PICTURE PROCESSOR	-	Picture Processor X1™ Ultimate
CLARITY ENHANCEMENT	-	8K X-Reality™ PRO Dual database processing Object-based Super Resolution
COLOR ENHANCEMENT	-	Live Color™ Technology Precision Color Mapping Super bit mapping™ HDR TRILUMINOS™ Display
CONTRAST ENHANCEMENT	-	8K X-tended Dynamic Range™ PRO Dynamic Contrast Enhancer Object-based HDR remaster
MOTION ENHANCER (NATIVE HZ)	-	X-Motion Clarity, Auto mode
VIDEO SIGNAL SUPPORT	-	HDMI™ signal: 7680x4320p (24, 30 Hz), 4096x2160p (24, 60 Hz), 3840x2160p (24, 30, 60, 120 Hz), 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p

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PICTURE MODES	-	Vivid, Standard, Cinema, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated
Sound (Speakers and Amplifier)		
AUDIO POWER OUTPUT	-	10 W + 10 W + 10 W + 10 W + 10 W + 10 W + 10 W + 10 W
SPEAKER TYPE	-	Acoustic Multi-Audio
SPEAKER CONFIGURATION	-	Tweeter x4, Woofer x8, Subwoofer x4
Sound (Processing)		
DOLBY AUDIO FORMAT SUPPORT	-	Dolby™ Audio (Dolby™ Digital, Dolby™ Digital Plus, Dolby™ A C-4)
DTS AUDIO FORMAT SUPPORT	-	DTS Digital Surround
FM RADIO	-	No
SOUND PROCESSING	-	No
SIMULATED SURROUND SOUND	-	S-Force Front Surround
SOUND MODES	-	Standard, Dialog, Theater, Music, Sports, Dolby Audio
TV CENTER SPEAKER MODE	-	Yes
Software		
OPERATING SYSTEM	-	Android™

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ON-BOARD STORAGE (GB)	-	16 GB
DISPLAY LANGUAGE	-	ENGLISH/SPANISH/FRENCH
TEXT INPUT LANGUAGE	-	ENGLISH / FRENCH / GERMAN / HEBREW / ITALIAN / RUSSIAN / SPANISH / VIETNAMESE / JAPANESE
CONTENT BAR	-	No
VOICE SEARCH	-	(Voice Search) Yes <sup>4</sup> / (Built-in Mic) Yes
ELECTRONIC PROGRAM GUIDE (EPG)	-	Yes
INTERNET BROWSER	-	Vewd (not pre-installed)
APPLICATION STORE	-	Yes (Google Play Store)
ON/OFF TIMER	-	Yes
SLEEP TIMER	-	Yes
TELETEXT	-	No
AUTO CALIBRATION WITH CALMAN®	-	Yes <sup>5</sup>
TWIN PICTURE	-	No
CLOSED CAPTIONS (ANALOG/DIGITAL)	-	(Analog) Closed Caption (Digital) Closed Caption
<b>Power and Energy saving</b>		
ENERGY LEVEL RATING	-	-

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SCREEN SIZE (CM, MEASURED DIAGONALLY)	-	97.52"
SCREEN SIZE (INCH, MEASURED DIAGONALLY)	-	98" (97.5")
POWER CONSUMPTION (IN OPERATION)	-	1102 W
ANNUAL POWER CONSUMPTION*	-	1353 kWh/Year
POWER CONSUMPTION (IN STANDBY)	-	0.5 W
POWER CONSUMPTION (NETWORKED STANDBY MODE) – TERMINALS	-	-
	-	-
PRESENCE OF LEAD	-	No
MERCURY CONTENT (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
POWER SAVING MODE/BACK LIGHT OFF MODE	-	Yes
DYNAMIC BACKLIGHT CONTROL	-	Yes
LIGHT SENSOR	-	Yes

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Design		
FRAME COLOR	-	Black
STAND DESIGN	-	Black
Built-in Tuner		
NUMBER OF TUNERS (TERRESTRIAL/CABLE)	-	1(Digital/Analog)
NUMBER OF TUNERS (SAT)	-	-
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
TV SYSTEM (DIGITAL SAT)	-	-
CI+	-	-
Accessibility		
SCREEN READER	-	Yes
AUDIO DESCRIPTION (AUDIO KEY)	-	Video Description



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CLOSED CAPTION	-	Closed Caption
TEXT MAGNIFICATION	-	Yes
ACCESSIBILITY SHORTCUT	-	Yes
SWITCH ACCESS	-	Yes
VOICE SEARCH	-	Yes <sup>4</sup>