If TVs are measured on picture quality, then the Sony Z-series stands alone. Near perfect black levels combine with the ability to reproduce the brightness and color of the real world, while your favorites get upscaled and enhanced to look like 4K HDR. It’s a viewing experience that can’t be replicated.

Bullets

- Unprecedented brightness and black levels from the all-new Backlight Master Drive
- Everything looks like 4K HDR with the new 4K HDR Processor X1 Extreme
- Full-array discrete LED control and X-tended Dynamic Range PRO
- Brilliant contrast, color and detail of 4K HDR
- Colors come alive thanks to the TRILUMINOS Display
- Clear pictures without color banding from 4K HDR Super Bit Mapping
- Dual Database Processing provides lifelike detail and clarity
- Lifelike motion with Motionflow XR technology
- Sophisticated slate design with champagne gold bezel
- Android TV with Google Cast, voice search & Play Store apps³
- Home automation controlled directly from your TV
- Just say what you want with Voice Search³
- Send entertainment from your smartphone to your TV with Google Cast³
- Enjoy thousands of apps from Google Play³

Features

Unrivaled picture quality.

The all-new Backlight Master Drive can display an unprecedented dynamic range with near perfect black levels and dazzling brightness that is impossible for other TVs to reproduce. How?

Discrete LED Control:
Backlight Master Drive uses a new, innovative algorithm to control the TV’s ultra-dense LED structure. The result is a picture even more precise than that of a standard full-array TV.

Calibrated Beam Design:
Send light only where it is needed. Each LED emits a straight beam for greater brightness and more accurate contrast than ever before.

Everything should look like 4K HDR

Our newly developed 4K HDR Processor X1 Extreme outperforms our conventional 4K Processor X1 with 40% more real-time image processing power. It takes everything you watch and improves it to near 4K HDR quality. Object-based HDR Remaster technology optimizes and enhances color and contrast for a more natural and realistic picture on screen.

Backlight brilliance.

Experience greater brilliance in every scene. X-tended Dynamic Range PRO utilizes the discrete LED control of Backlight Master Drive to create images with brighter peaks and more shadow detail. When combined with HDR video, X-tended Dynamic Range PRO increases the quality of HDR so you experience even greater color and contrast.
Uncover the detail with 4K HDR
High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution, HDR video content delivers exceptional detail, color and contrast, with a far wider range of brightness than other video formats. The result is the most lifelike picture TVs have ever been able to create, with brilliant highlights and fine detail.

Clear picture, smooth gradations
Sunsets are as bright and clear as real life. Super bit mapping 4K HDR, a feature of the 4K HDR Processor X1 Extreme, reveals thousands of shades and gradations of light. It creates a smooth, natural picture as you watch, without the “banding” that can occur on other TVs. 14-bit signal processing recognizes subtle color transitions and effectively smooths out the gradation between shades, to show 64 times the color levels of a conventional display.

More color, depth and realism
Colors are as rich and vivid as nature’s own thanks to the TRILUMINOS® Display with more shades of red, green and blue than ever before. You’ll enjoy vibrant, authentic images that evoke the emotion in every scene. When combined with HDR video, TRILUMINOS® Display further increases the color depth for noticeably brighter and more realistic colors.

Upscale to a more natural picture
The difference is clear. You’ll see lifelike detail and stunning clarity, no matter what you’re watching. Two powerful image improvement databases work together, dynamically improving images in real time. 4K X-Reality PRO™ upscales images to near 4K clarity while a second database cleans the picture and reduce on-screen noise. Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1 Extreme.

Motionflow™ keeps the action smoother than ever
TV that keeps up with real life. Sony’s refresh rate technology (Motionflow™ XR 1440) builds upon the native 120Hz panel to allow fast moving action sequences in sports and movies to be seen with lifelike clarity.

A sophisticated slate design
From the front, the design exudes sophistication in the form of a simple black slate, letting viewers immerse themselves in the stunning power of 4K HDR (High Dynamic Range). The design features premium gold finish, and keeps all of your cables completely concealed, ensuring that the TV strikes an elegant look from any angle. The Z9D comes in a 65”, 75” or 100” Class to fit even the grandest room.

A world of possibilities
Find all the entertainment you can dream of, faster than ever. From movies and TV shows to thousands of apps, Sony’s Android™ TV brings you everything in an instant.

Smart home automation
Beyond streaming content, Sony’s Android TV platform allows Home Automation control directly from the TV, via the Logitech Harmony Hub. IoT (Internet of things) devices such as lights, thermostats, Blu-ray® players, security cameras other home entertainment devices can be controlled and automated via the push of a button on the TV’s remote.

Just say what you want
Spend less time browsing, and more time watching. Voice search on Android TV™ provides you with the power of Google search in 42 languages, allowing you to find content across different services without the hassle of time-consuming text entry.

Send to a bigger, better screen with Google Cast™
Send movies and music from your smartphone to your TV with Google Cast™. Use your phone as a remote control.

All the apps you love
Enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more. Also, play your favorite Android games on the big screen.

Find everything fast
The unobtrusive content bar quickly lets you find the movie, TV show or video you’re looking for. Call up the Content bar and you can keep watching, while you scan through live TV, videos on demand, downloaded TV shows and much more. You can even customize the content bar to show you the content you go to most often first.

Immerse yourself in 3D
Enjoy compatible Blu-ray movies, TV broadcasts, and web videos with finely detailed 3D images. See pictures with a more natural depth of field and immerse yourself in sport, movies, and games like never before. (Comes with glasses)
### Specifications

#### 3D Features
- **3D**: Active
- **3D Format Support**: Yes (exclude 4K)
- **3D Super-resolution**: Yes

#### Audio
- **Bass/Treble/Balance**: Balance
- **DSEE/DSEE-HX**: DSEE
- **Speaker Configuration**: 2ch, Full Range (30 x 80 mm) x 2
- **Speaker Position**: Down Firing
- **Speaker Type**: Bass Reflex
- **Audio Features**: Advanced Auto Volume, Alternate Audio (Digital), ARC HDMI (Audio Return Channel), ARC Output Format, DSEE, DSEE-HX, Speaker Configuration, Speaker Position, Speaker Type
- **Audio Out Format**: Dolby Digital, Dolby Digital Plus, DTS, PCM
- **Audio Out**: Fixed / Variable
- **Auto Mute (on no signal)**: Yes
- **Auto Surround**: Yes
- **Clear Audio+**: Yes
- **Clear Phase**: Yes
- **Digital Out Format**: Dolby Digital, Dolby Digital Plus, DTS, PCM
- **Dolby**: Dolby Digital, Dolby Digital Plus, Dolby Pulse
- **HDMI input Audio format**: PCM (5.1ch, 44.1, 48, 88.2, 96, 176.4, 192kHz, 16, 20, 24bit), Dolby Digital, Dolby Digital Plus, DTS
- **Headphone/Speaker Link**: Yes
- **S-Master**: S-Master Digital Amplifier
- **Sony Original Surround**: S-Force Front Surround
- **Sound Mode**: Standard, Cinema, Live Football, Music
- **Application Store**: Yes (Google Play Store)

#### Convenience Features
- **Auto Photo Mode**: Yes
- **Auto Shut-off**: Yes
- **BRAVIA® Sync™**: Yes (including HDMI-CEC)
- **Channel Block (with password)**: Analog & Digital
- **Google Cast**: Yes
- **i-Manual**: Yes
- **Input Language Display**: English, Spanish, French
- **Multiple Language Display**: English, Spanish, French
- **On/Off Timer**: Yes
- **On-Screen Clock**: Yes
- **Parental Control**: Yes
- **Show/Hide Channels**: Yes (Digital & Analog)
- **Sleep Timer**: Yes
- **USB Play**: Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)
- **USB Play (Contents)**: MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI/MotionJPEG / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG
- **Voice Function**: Yes
- **Customizing Capability**: RS-232C Control, Illumination LED
- **Dynamic Backlight Control**: Yes
- **Energy Saving & Efficiency**: Backlight Off Mode
- **General Features**: Closed Captions (CC), Demo Mode, Hotel Mode Menu
- **Inputs and Outputs**: 4K 60P High-Quality Formats, AC Power Input, Analog Audio Input(s) (Total), Audio Out, Bluetooth, Component Video (Y/Pb/Pr) Input(s), Composite Video Input(s), Digital Audio Output(s), Ethernet Connection(s), HDMI™ Connection(s) (Total), HDMI Signal, HDMI Signal 3D, HDMI™ Connection(s) (Total), Headphone Output(s)
- **Application Store**: Yes (Google Play Store)
- **Auto Photo Mode**: Yes
- **Auto Shut-off**: Yes
- **BRAVIA® Sync™**: Yes (including HDMI-CEC)
- **Channel Block (with password)**: Analog & Digital
- **Google Cast**: Yes
- **i-Manual**: Yes

#### Design Features
- **Stand Design**: Black Slate
- **Display Features**: Direct LED (Backlight Master Drive), Local Dimming, LCD
- **Display**: Backlight Type, Dimming Type, Display Device, Triluminos Display, X-tended Dynamic Range Pro, X-tended Dynamic Range PRO
- **Aspect Ratio**: 16:9
- **Display Resolution**: QFHD
- **Number of pixels(H x V)**: 3840 x 2160
- **Screen Size (cm)**: 163.9 cm
- **Screen Size (measured diagonally)**: 65” (64.5”)
- **Viewing Angle (Right/ Left)**: 178 (89/89) degree
- **Viewing Angle (Up/ Down)**: 178 (89/89) degree
- **Display**: Aspect Ratio, Display Resolution, Number of pixels(H x V), Screen Size (cm), Screen Size (measured diagonally)
- **Energy Saving & Efficiency**: Backlight Off Mode
- **Dynamic Backlight Control**: Yes
- **Power Saving Modes**: Yes

#### Inputs and Outputs
- **4K 60P High-Quality Formats**: Up to 18Gbps:4K 60p:4:4:4(8bit), 4:2:2(8,10,12bit), 4:2:0(8,10bit) HDR included for HDMI 2/3
- **AC Power Input**: 1 (Rear)
- **Analog Audio Input(s) (Total)**: 2 (1 Analog Conversion / 1 Rear)
- **Audio Out**: 1 (Side / Hybrid w/HP and Subwoofer Out)
- **Bluetooth**: Version 4.1 HID / HOGP / 3DSP / SPP
- **Component Video (Y/Pb/Pr) Input(s)**: 1 (rear)
- **Composite Video Input(s)**: 2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)
- **Digital Audio Output(s)**: 1 (side)
- **Ethernet Connection(s)**: 1 (side)
- **HDCP**: HDCP 2.2 (for HDMI1/2/3/4)
- **HDMI™ Connection(s) (Total)**: 4 (outside 1, center 3)
- **HDMI™ Connection(s)**: 1 (Side / Hybrid w/HP and Subwoofer Out)
- **HDMI Signal**: 4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (30, 60Hz), 1080/24p, 1080 (60Hz), 720p (30, 60Hz), 720/24p, 480p, 480i
- **HDMI Signal 3D**: Frame Packing: 1080p (30Hz), 1080/24p, 1080i (60Hz), 720p (60Hz), Side-by-Side: 1080p (60Hz), 1080/24p, 1080i (60Hz), 720p (60Hz), Over-Under: 1080p (30Hz), 1080/24p, 1080i (60Hz), 720p (60Hz)
- **HDMI™ Connection(s) (Total)**: 4 (outside 1, center 3)
- **Headphone Output(s)**: 1 (Side / Hybrid w/HP and Subwoofer Out)
**Network Features**

- **Home Network**
  - MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJPEG) / MOV / WMV / MKV / WEBM / 3GP / MP3 / WMA / LPCM / JPEG / FLAC

- **Internet Browser**
  - Opera (not pre-installed)

- **Internet EPG**
  - Yes

- **Live Football Mode**
  - Yes

- **Net AD**
  - Yes (depends on ad provider on that region)

- **Other Network Features**
  - Home Network Feature: Home Network Client / Home Network Renderer
  - Content Bar: Yes (depend on countries)
  - Trending on Twitter: Yes (US / Canada / MX(STB))

**Photo Sharing Plus / Photo Share**
- Yes

**Screen mirroring(Miracast)**
- Yes

**Social Viewing**
- Yes

**TV SideView™**
- Yes

**Wi-Fi Certified**
- Yes

**Wi-Fi Direct**
- Yes

**Wi-Fi Frequency**
- 2.4GHz / 5GHz

**Wi-Fi Standard**
- a/b/g/n/ac

**Wireless LAN**
- Integrated

**Annual Power Consumption**
- 262 kWh/Year

**Power**

- **Power Consumption (in Operation) max.** 322W
- **Power Consumption (in Standby)** 0.5W
- **Power Requirements (frequency)** 60Hz for UL c/UL 50/60Hz for other
- **Power Requirements (voltage)** AC 120V for UL c/UL AC 110-240V for other

**Regulation and Standards Compliance**

- **VESA® Hole Pitch** 15 3/4 x 11 7/8 inch (400 x 300 mm)
- **VESA® Hole Spacing** Compatible

**Sensing Features**

- **LightSensor™ Technology** Yes

**Service and Warranty Information**

- **Limited Warranty Term** 12 months

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### TV System

**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 Space**
- sRGB / BT709, BT2020, AdobeRGB, DCI

**Color System**
- NTSC

**Memory**
- 16GB

**Number of Tuners (Terrestrial/Cable)**
- 1 (Digital / Analog)

**OS**
- Android

**TV System (Analog)**
- M

**TV System (Digital Cable)**
- Clear QAM

**TV System (Digital Terrestrial)**
- ATSC

**Video Signal**
- (Analog) 1080p (60 Hz)
- 1080i (60 Hz)
- 720p (60 Hz)
- 480p
- 480i

**Video Features**

- 24p True Cinema™ Technology
- Yes

- 4:3 Default
- Yes

- 4K Processor
- X1 Extreme

- Advanced Contrast Enhancer (ACE)
- Yes

- Auto Wide
- Yes

- Blinking Type
- Line Blinking

- Face Area Detection
- Yes

- HDR Compatible (High Dynamic Range)
- Yes

- Live Color™ Technology
- Yes

- Mastered in 4K
- Yes

- Motionflow™ XR Technology
- Motionflow XR

- PhotoTV HD
- Yes

**Picture Mode**

- Vivid
- Standard
- Custom
- Cinema Pro
- Cinema Home
- Sports
- Animation
- Photo-Vivid
- Photo-Standard
- Photo-Custom
- Game
- Graphics

**Video Processing**
- 4K X-Reality PRO

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### Weights and Measurements

**Dimensions (Approx.)**

- TV only: 57.5/8 x 33 3/8 x 3 1/8inch (1462 x 847 x 78 mm)
- TV with stand: 57 5/8 x 36 1/4 x 10 5/8inch (1462 x 920 x 268 mm)
- Stand Width: 17 1/4 in (437 mm)
- AC Cable Length: 1500 mm

**Weight (Approx.)**

- TV only: 70.5 lbs (32.0 Kg)
- TV with stand: 78.7 lbs (35.7 Kg)
- Carton weight: 103.6 lbs (47 kg)

### Accessories

- Voice Remote Control (RMF-TX201U)
- 3D Glasses x 2 (TDG-BT400A)
- Batteries x (R03)
- AC Power Cord (Pigtail) US with polarity
- IR Blaster (1-849-161-11)
- Operating Instructions
- Quick Setup Guide / Supplement CUE (GA)
- Table Top Stand (Separate, assembly required)

### Optional Accessories

- Wireless Subwoofer (SWF-BR100)
- 3D Glasses (TDG-BT500A)
1. 3,840 x 2,160 pixels. Upscaled, simulated and enhanced 4K images will vary based on source content.
2. Compared to standard LED HDTVs.
3. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads, 20 Mbps for 4K Ultra 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.
4. Requires compatible devices connected to the same network. Google Cast requires mobile devices with Android 2.3 or higher, or iOS 6.0 or higher and Chromecast application. Google Play using Android TV Remote Control application requires Android 4.0 or higher; not available for iOS. Voice Search is available using the included remote control, Android TV Remote Control application with Android 4.0 or higher, or using Sony’s TV SideView application available for Android 4.0.3 or higher or iOS 7.0 or higher.
5. Requires HDR compatible content from supported streaming services, such as Amazon Video.
6. Logitech Harmony Hub sold separately. Requires all compatible devices connected to the same network. Refer to Logitech for details on compatible devices. Compatible IP cameras require direct connection to the TV via Wi-Fi.
7. Requires 3D content, 3D player, and HDMI® cable (at least 10.2 Gbps).

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