Overview

High-quality 4K HDR images and smart connectivity

Take your business communications to the next level with the FWD-85X80K BRAVIA Professional Display that combines lifelike 4K HDR image quality and TRILUMINOS PRO™ with easy operation, flexible networking/control and extensive integration options.

Optimized for professional applications, the FWD-85X80K BRAVIA Professional Display delivers richly colored, high-contrast 4K HDR images, while 4K X-Reality PRO upscales lower-resolution images closer to true 4K quality.

The display's clean, minimal design keeps your audience focused on what really matters, while Dolby Atmos delivers pure, immersive sound.

For even greater peace of mind, there's the added reassurance of our 3-Year Warranty.

Features

4K image resolution (3840 x 2160 pixels)

4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to
corporate display, education, and digital signage applications.

More contrast, color and clarity
Our 4K HDR Processor X1™ cleans and refines picture signals, using advanced algorithms to cut noise and boost detail. Even lower-resolution images are upscaled closer to 4K with lifelike color and textures, for a more impactful signage.

See finer detail
4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution picture sources.

Wider color with TRILUMINOS Display
Our wide color gamut and unique TRILUMINOS PRO™ algorithm can detect color from saturation, hue, and brightness to reproduce natural shades in every detail. You'll enjoy colors that are closer to those seen in the real world. Powered by our X1 4K HDR processor, TRILUMINOS PRO Display maps colors from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Smother movement
Motionflow™ XR inserts additional picture frames between the originals, ensuring smoother, sharper detail in fast-moving sequences.

Refined style to match your space
BRAVIA features a slim, contemporary blade design, with a narrow screen bezel that adds an extra touch of refinement to any interior.

Do more with Android TV
Discover a world of apps and online content powered by Android. Use Voice Search to find content easily without typing.

**Google Chromecast built-in and Apple Airplay 2**
With Google Chromecast built-in, and Apple Airplay 2, easily mirror your content and enjoy it on your BRAVIA.

**Greater peace of mind**
There's the added reassurance of our 3-year warranty with advanced exchange.

### Specifications

#### General Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart TV</td>
<td>Google TV</td>
</tr>
<tr>
<td>Closed Captions</td>
<td>Yes</td>
</tr>
<tr>
<td>Demo Mode</td>
<td>Yes (e-POP only)</td>
</tr>
</tbody>
</table>

#### Display Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness (cd/m²)</td>
<td>562</td>
</tr>
<tr>
<td>Native constrast ratio</td>
<td>5,000:1</td>
</tr>
<tr>
<td>Dynamic contrast ratio</td>
<td>500,000:1</td>
</tr>
<tr>
<td>Response time (ms)</td>
<td>7</td>
</tr>
<tr>
<td>Panel type</td>
<td>VA</td>
</tr>
<tr>
<td>Backlight dimming</td>
<td></td>
</tr>
<tr>
<td>type</td>
<td>Frame Dimming</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Display type</td>
<td>LCD</td>
</tr>
</tbody>
</table>

**Display specifications**

<table>
<thead>
<tr>
<th>Screen Size for WEB (diagonal, cm, integer or 1st decimal)</th>
<th>84.65 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backlight type</td>
<td>Direct LED</td>
</tr>
<tr>
<td>Display resolution (H x V, pixels)</td>
<td>3840 x 2160</td>
</tr>
<tr>
<td>Screen Size (inch, measured diagonally)</td>
<td>85&quot; (84.6&quot;)</td>
</tr>
<tr>
<td>Viewing Angle (Right/Left)</td>
<td>178 (89/89) degree</td>
</tr>
<tr>
<td>Viewing Angle (Up/Down)</td>
<td>178 (89/89) degree</td>
</tr>
<tr>
<td>Display Resolution</td>
<td>QFHD</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
</tbody>
</table>

**Professional Features**

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Android 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-board Storage (GB)</td>
<td>16GB</td>
</tr>
<tr>
<td>Pro Mode</td>
<td>No</td>
</tr>
<tr>
<td><strong>Display System</strong></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>TV System (Digital Terrestrial)</td>
<td>ATSC/ATSC3.0 (NEXTGEN TV)</td>
</tr>
<tr>
<td>TV System (Digital Cable)</td>
<td>Clear QAM</td>
</tr>
<tr>
<td>Number of Tuners (Terrestrial/Cable)</td>
<td>1 (Digital/Analog)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Network Features</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple AirPlay 2</td>
<td>Yes</td>
</tr>
<tr>
<td>Wi-Fi Direct</td>
<td>Yes</td>
</tr>
<tr>
<td>Wi-Fi Certified</td>
<td>Yes</td>
</tr>
<tr>
<td>Chromecast built-in</td>
<td>Yes</td>
</tr>
<tr>
<td>Wireless LAN</td>
<td>Integrated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Convenience Features</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Feature</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td><strong>HDMI-CEC</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>i-Manual</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>On Screen Clock</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Sleep Timer</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>On/Off Timer</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Display Language</strong></td>
<td>AFR, AMH, ARA, ASM, AZE, BEL, BUL, BEN, BOS, CAT, CZE, DAN, DEU, GRE, ENG, SPA, EST, BAQ, PER, FIN, FRA, GLG, GUJ, HIN, HRV, HUN, IND, ISL, ITA, HEB, JPN, KAZ, KAN, KOR, KIR, LAO, LIT, LAV, MAC, MAL, MON, MAR, MAY, BUR, NOB, NEP, NLD, ORI, PAN, POL, POR, RUM, RUS, SOL, SLV, ALB, SRP, SWE, SWA, TAM, TEL, THA, TGL, TUR, UKR, URD, UZB, VIE, zh_CN, zh_HK, zh_TW, ZUL</td>
</tr>
<tr>
<td><strong>Control specs</strong></td>
<td></td>
</tr>
<tr>
<td><strong>IP Control</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>RS232</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Inputs &amp; Outputs</strong></td>
<td>4096x2160p(24,60Hz),</td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>HDMI Signal</strong></td>
<td>3840x2160p (24, 30, 60, 120Hz), 1080p (30, 60, 120Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p, 576p, 480p</td>
</tr>
<tr>
<td><strong>HDCP</strong></td>
<td>HDCP2.3 (for HDMI 1/2/3/4)</td>
</tr>
<tr>
<td><strong>AC Power Input</strong></td>
<td>C8 INLET (REAR)</td>
</tr>
<tr>
<td><strong>RF (Terrestrial/Cable)</strong></td>
<td>1 (Side)</td>
</tr>
<tr>
<td><strong>Connection Input(s)</strong></td>
<td>1 (Side, Mini jack)</td>
</tr>
<tr>
<td><strong>Composite Video Input(s)</strong></td>
<td>1 (Side)</td>
</tr>
<tr>
<td><strong>HDMI inputs total</strong></td>
<td>4 (4Side)</td>
</tr>
<tr>
<td><strong>Digital Audio Output(s)</strong></td>
<td>1 (Side)</td>
</tr>
<tr>
<td><strong>USB ports</strong></td>
<td>2 (Side)</td>
</tr>
<tr>
<td><strong>Ethernet inputs</strong></td>
<td>1 (Side)</td>
</tr>
<tr>
<td><strong>RS232</strong></td>
<td>1 (Side)</td>
</tr>
</tbody>
</table>

**Audio Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Speaker Position</strong></td>
<td>Down Firing</td>
</tr>
<tr>
<td><strong>Audio Power Output</strong></td>
<td>10W + 10W</td>
</tr>
<tr>
<td><strong>Digital audio out (Optical) format</strong></td>
<td>Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS</td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>HDMI Audio Return Channel (ARC)</td>
<td>Yes (eARC/ARC)</td>
</tr>
<tr>
<td>HDMI Input Audio Format</td>
<td>5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192 kHz 16/20/24 bits, Dolby Audio, Dolby Atmos, DTS</td>
</tr>
<tr>
<td>ARC output format</td>
<td>Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS</td>
</tr>
<tr>
<td><strong>Video Specifications</strong></td>
<td></td>
</tr>
<tr>
<td>Wide Mode</td>
<td>Auto/Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC</td>
</tr>
<tr>
<td>4:3 Default</td>
<td>Yes</td>
</tr>
<tr>
<td>Video Processing</td>
<td>4K X-Reality PRO</td>
</tr>
<tr>
<td>Motion enhancer</td>
<td>Motionflow XR 960 (Native 120Hz), Auto mode</td>
</tr>
<tr>
<td>4K Processor</td>
<td>4K HDR Processor X1</td>
</tr>
<tr>
<td>HDR (High Dynamic Range) compatibility</td>
<td>Yes (HDR10, HLG, Dolby Vision)</td>
</tr>
<tr>
<td>Panel Refresh Rate (Native Hertz)</td>
<td>120Hz</td>
</tr>
<tr>
<td>Dynamic Contrast Enhancer</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Design Features**
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stand Color</td>
<td>Black</td>
</tr>
<tr>
<td>Bezel Design</td>
<td>Flush Surface</td>
</tr>
<tr>
<td>Cable Management</td>
<td>Yes</td>
</tr>
<tr>
<td>Frame color</td>
<td>Black</td>
</tr>
<tr>
<td>Stand Design</td>
<td>Slim Blade Stand</td>
</tr>
<tr>
<td>VESA® Hole Spacing Compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>VESA® Hole Pitch (W x H)</td>
<td>400 x 400 mm/15 3/4 x 15 3/4 inch</td>
</tr>
</tbody>
</table>

**Eco & Energy saving**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Requirements (voltage)</td>
<td>AC 120V for UL cUL AC 110-240V for other</td>
</tr>
<tr>
<td>Power Requirements (frequency)</td>
<td>60 Hz for UL cUL 50/60 Hz for other</td>
</tr>
<tr>
<td>Rated Power Consumption</td>
<td>378 W</td>
</tr>
<tr>
<td>Power Consumption (in Standby)</td>
<td>0.50 W</td>
</tr>
<tr>
<td>Power Saving Mode</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Dimensions**
<table>
<thead>
<tr>
<th>Display only (W x H x D)</th>
<th>1901 x 1090 x 73 mm/74 7/8 x 43 x 2 7/8 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display with Stand (Standard position) (W x H x D)</td>
<td>1901 x 1177 x 456 mm / 74 7/8 x 46 3/8 x 18 inch</td>
</tr>
<tr>
<td>Dimension of Package Carton (W x H x D)</td>
<td>2035 x 1238 x 237 mm/80 1/4 x 48 3/4 x 9 3/8 inch</td>
</tr>
</tbody>
</table>

### Weights (Approx.)

<table>
<thead>
<tr>
<th>Display only</th>
<th>44.7 kg / 98.5 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display with Stand</td>
<td>46.2 kg / 101.8 lbs.</td>
</tr>
<tr>
<td>Weight of Package Carton (Gross)</td>
<td>62 kg / 136.6 lbs.</td>
</tr>
</tbody>
</table>

### Supplied Accessories

<table>
<thead>
<tr>
<th>Voice Remote Control</th>
<th>RMF-TX800U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Instructions</td>
<td>US, FR, ES</td>
</tr>
<tr>
<td>Quick Setup Guide / Supplement CUE (GA)</td>
<td>US, FR, ES, PT</td>
</tr>
<tr>
<td>Table Top Stand</td>
<td>Separate (assembly required)</td>
</tr>
</tbody>
</table>

### Warranty
3-year warranty with advanced exchange,