

## KE-50XBR900

### KE-42XBR900

XBR Plasma WEGA™ Integrated Plasma Television



#### NEW FEATURES

- Sony's Proprietary WEGA™ Engine
  - Composite Component Processor
  - Digital Reality Creation™ MultiFunction V1
  - Multi-Image Driver™ (MID-XU)
  - CineMotion™ Reverse 3-2 Pulldown
- Digital Component Processor
- Proprietary Sony Panel Driver
- Floating Panel Design
- DVI-HDTV Interface
- Memory Stick® Media Playback (JPEG)

PLASMA  
**WEGA**

**DRC**  
Digital Reality Creation

**CineMotion**  
reverse 3-2 pulldown technology

**MEMORY STICK**

#### ADDITIONAL FEATURES

##### Audio/Video Features

- HDTV Monitor
- Built-in NTSC TV Tuner
- Built-in Stereo Speakers
- Panel System: Plasma Display Panel
- Screen Size (Diagonally):  
KE-42XBR900 — 42 inches  
KE-50XBR900 — 50 inches
- Display Resolution:  
KE-42XBR900  
1024 x 768  
KE-50XBR900  
1365 x 768
- Antenna: 75 Ohm External Terminal for UHF/VHF
- TV System: NTSC America TV Tuner
- Channel Coverage:  
VHF 2 - 13  
UHF 14 - 69  
CATV: 1 - 125
- DRC® MultiFunction V1
- CineMotion™ Reverse 3-2 Pulldown
- Multi-Image Driver (MID-XU)
- WideScreen Modes
- HD Detailer™ Wideband Video Amp
- DVI-HDTV Interface
- Steady Sound™
- Input Signals: 480i, 480p, 1080i, 720p
- Color Temperature Adjustment
- Auto Wide/Wide Screen Modes
- TruSurround™ Sound Effect
- Monitor Out

##### Convenience Features

- Closed Caption (CC)
- Multiple Language (3) On-Screen Display (English, French and Spanish)
- Auto Channel Program
- Caption Vision (CC)
- Channel Skip/Add
- Clock/Timer (Two Event)
- Favorite Channel
- Program Palette™ Presets
- Sleep Timer
- V Chip Parental Control

**XBR**

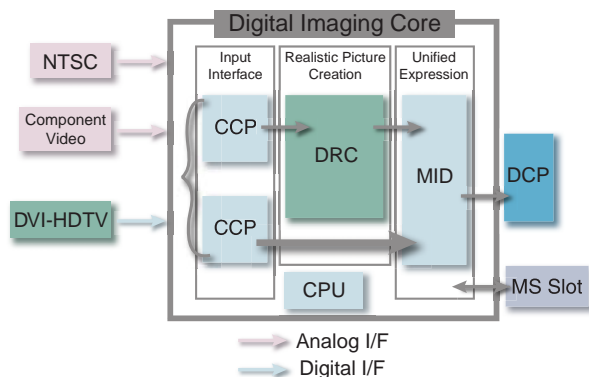
# KE-50XBR900

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### KEY TECHNOLOGY

**Sony's Proprietary WEGA Engine** consists of 4 key technologies engineered and designed by Sony.



**Composite Component Processor** which converts the incoming analog signal into a digital signal so it can be processed. This new circuit has improved signal to noise ratio.

**Digital Reality Creation™ MultiFunction V1** has been incorporated to up convert standard definition signals to HD quality via a full digital bit mapping process.

**Multi Image Driver** Designed for fixed pixel devices. **MID-XU** will be utilized in two ways. First, it's primary job is scale all incoming signals, SD or HD, to the configuration of the panel without degradation of signal quality. The second will provide unique picture and picture features once impossible for fixed pixel devices. Features like Twin View™ Picture and Picture with scalable windows and Favorite Channel Preview™ are also possible.

**CineMotion™ Reverse 3-2 Pull Down Technology** Minimizes motion artifacts and optimizes film-based content from any video input for the purest reproduction of film originated sources.

**Digital Component Processor** makes the necessary adjustments to improve overall contrast and sharpness. It calculates these improvements by analyzing the signal and parameter of the plasma panel.

**Sony's Proprietary IC Panel Driver** newly developed LSI for enhanced contrast levels in the low brightness range.

**DVI-HDTV Interface** The DVI-HDTV Interface has been added for the latest generation in high definition television connectivity. This single wire is a customers dream — a fully digital, uncompressed HD signal that can be received from any DVI set top box (STB). This connection that is becoming the industry standard, lets viewers enjoy the purest HDTV signal possible.

### ADDITIONAL FEATURES

#### Specifications

##### Inputs and Outputs

- 2 HD Component Video Input (Y/P<sub>b</sub>/P<sub>r</sub>)
- DVI-HDTV Interface
- 1 Front/2 Rear Video Inputs
- 1 Front/2 Rear S-Video Inputs
- 1 Front/5 Rear Audio Inputs
- Control S Out
- Fixed/Variable Audio Output
- Subwoofer Output
- Monitor Out

#### General

- Power Requirements: AC120V, 60Hz
- Power Consumption (Standby): Under 1 Watt (Energy Star Compliant)
- Power Consumption (in Operation): TBD

#### Accessories

##### Supplied Accessories

- Instruction Manual
- Remote Control RM-927Y
- AAA Batteries (2)

#### Weights & Measures

- Dimensions (W x H x D):
  - KE-50XBR900: 61<sup>7</sup>/<sub>8</sub>" x 33<sup>3</sup>/<sub>4</sub>" x 4<sup>1</sup>/<sub>4</sub>" (157.3 x 85.6 x 10.8mm)
  - KE-42XBR900: 53<sup>3</sup>/<sub>8</sub>" x 28<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>8</sub>" (135.3 x 72 x 10.3mm)
  - MBT-XBR900 (Media Box): 16<sup>7</sup>/<sub>8</sub>" x 4<sup>1</sup>/<sub>8</sub>" x 14<sup>1</sup>/<sub>8</sub>" (43 x 10.5 x 36mm)
  - PDM-5000 (KE-50XBR900): 6.19" x 3.37" x 0.43" (157.3 x 85.6 x 10.8mm)
  - PDM-4200 (KE-42XBR900): 5.32" x 2.83" x 0.4" (135.2 x 72.0 x 10.2mm)
- Weight:
  - KE-50XBR900: 121.2 lbs. (55kgs)
  - KE-42XBR900: 99.2 lbs. (45kgs)
  - MBT-XBR900: 15.9 lbs. (7.5kg)
  - PDM-5000: 116.8 lbs. (53.0kg)
  - PDM-4200: 85.98 lbs. (39.0kg)

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