

## Key Features

- 16:9 Full HD 1080p Resolution Panel (1920 x 1080)
- Motionflow™ 120HZ technology delivers natural motion
- DMeX<sup>2</sup> capable
- Xross Media Bar™ (XMB™) user interface
- TV Guide Interactive Program Guide
- BRAVIA® Sync™ capable
- Up to 1080/24p input capable via HDMI™ interface x4
- BRAVIA Engine™ fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- 24p True Cinema
- S-Force® Front Surround technology
- Favorites function with rich 3D Graphics
- Voice Zoom
- VESA® compatible hole spacing



## Key Technologies

**16:9 Full HD 1080p** 16:9 Full HD 1080p resolution panel (1920 x 1080) accepts any HDTV signal and renders them with optimum resolution.

**Motionflow™ 120HZ technology** Motionflow™ 120HZ technology doubles the frame rate to help remove judder in film sources, HD content, and broadcast movies and primetime programming, creating smooth, more fluid motion that delivers a natural and realistic viewing experience.

**DMeX™ 2 functionality** DMeX™ 2 functionality expands your HDTV's capabilities by connecting optional BRAVIA® Link Modules, such as the DMX-NV1 BRAVIA® Internet Video Link module (sold separately).

**Xross Media Bar™ (XMB™)** Xross Media Bar™ (XMB™) makes it simple and intuitive to navigate the television's menus, controls, and user settings.

**TV Guide Interactive Program Guide** TV Guide Interactive Program Guide is integrated into Sony's exclusive Xross Media Bar™ user interface to deliver continually updated program.

**BRAVIA® Sync™ capability** BRAVIA® Sync™ capability combines the one-touch access and control functionality of BRAVIA® Theatre Sync™ with the ability to control CEC-enabled Sony® Handycam® camcorders using the TV's remote and an on-screen display.

**HDMI™ and PC connectivity** HDMI™ and PC connectivity provides maximum versatility, including (4) HDMI™ inputs (up to 1080/60p input capable) and a PC input1 (HD-15 pin) that offers up to a 1920 x 1080p connection to your PC.

**BRAVIA Engine™** BRAVIA Engine™ fully digital video processor significantly reduces noise, enhances overall image detail, and optimizes contrast.

**Advanced Contrast Enhancer (ACE)** Advanced Contrast Enhancer circuit (ACE) dynamically controls the backlight improving contrast and resulting in deep blacks in dark without losing fine details in shadows and other dark areas of the picture.

# KDL-52W4100

# 52" BRAVIA® W Series LCD TV

## Features

### General

Closed Caption Button: Yes  
Closed Captions (CC): Yes  
On-Screen Display: Enhanced GULL + XMB  
Auto CC on Mute: Yes  
DME-X™ support: Yes

### Display

Backlight Type: CCFL  
Panel Type: LCD  
Display Technology: LCD (178° wide viewing angle LCD display panels)

### Video

Video Processing: Yes (Bravia Engine 2™ Technology)  
CineMotion® Reverse 3:2 Pulldown Technology: Yes  
Game Mode: Yes  
Wide Mode: Wide Zoom, Normal, Full, H Stretch, Zoom  
3D Comb Filter: Yes  
MPEG Noise Reduction: Yes  
Auto Wide: Yes  
4:3 Default: Yes  
24p True Cinema™ Technology: Yes  
Picture Mode: Vivid, Standard, Cinema, Custom; Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom  
Advanced Contrast Enhancer (ACE): Yes  
Image Blur Reduction: Yes  
Motionflow™ Technology: Motionflow™ 120Hz

### Audio

Digital Amplifier: Yes  
Voice Zoom: Yes  
Auto SAP: Yes  
Auto Mute (on no signal): Yes  
Steady Sound® Automatic Volume Control: Yes  
Audio Out: Fixed  
Sony Original Surround: S-Force®  
Stereo System: MTS  
Dolby®: Dolby® Digital  
Alternate Audio (Digital): Yes  
Sound Booster: Yes  
5.1 Channel Audio Out: Yes  
Sound Mode: Dynamic, Standard, Clear Voice

### Convenience

Channel Jump: Yes  
Favorite Channel: Yes  
Program Guide Access: Yes  
Multiple Language Display: English, Spanish, French  
Info Banner: Yes  
Sleep Timer: Yes  
Clock: Yes  
Input Skip: Yes (Auto)  
Channel Surf: Yes  
Channel Block (with password): Yes  
Edit Channel Labels: Yes  
Label Inputs: Yes  
ID-1 Detection: Yes  
Initial Setup: Yes  
On/Off Timer: Yes  
PAP (Picture & Picture): Yes  
Swap Sound: Yes  
TV Guide On Screen: Yes  
Theatre Mode (Theatre Button): Yes  
Show/Hide Channels: Yes  
PAP (Fixed or Variable): Fixed

BRAVIA® Sync™ : Yes  
Parental Control: Yes  
BRAVIA® Sync™ Menu Button: Yes  
PIP (Picture in Picture): PC Input  
Channel Labels: Yes

## Specifications

### General

Television Type: Flat Panel LCD HDTV

### Display

Viewing Angle (Right/Left): 178  
Viewing Angle (Up/Down): 178  
On-screen Contrast Ratio: 3,000:1  
Dynamic Contrast Ratio: 30,000:1  
Screen Size (measured diagonally): 52"  
Native Resolution: 1920 x 1080  
Display Resolution: 1920 x 1080p  
Aspect Ratio: 16:9

### Video

Video Signal: 480/60i, 480/60p, 720/60p, 1080/60i, 1080/24p (HDMI™ only), 1080/60p (HDMI™ / Component)

### Audio

Audio Power Output: 20W (10W + 10W)

### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear)  
Composite Video Input(s): 3 (1 Side/2 Rear)  
Digital Audio Output(s): 1 (Rear) Optical Digital Output  
RF Connection Input(s): 1 (Rear)  
S-Video Input(s): 1 (Rear)  
Analog Audio Input(s) (Total): 6 (5 Rear/1 Side)  
Audio Out: 1 (Rear)  
HDMI™ Connection(s) (Total): 4 (3 Rear/1 Side)  
PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)  
HDMI™ PC Input Format Support: Yes  
HDMI™ Connection(s) (w/ Analog Audio In): Yes  
HDMI™ PC Input: Yes  
S-Video Detection: Yes  
AC Power Input: 1 (Rear)  
PC Input Format Support: Yes (see manual for exact formats)

### Power

Power Consumption (in Operation): 295W  
Power Consumption (in Standby): 0.1W  
Power Requirements (voltage): AC 120V

### Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes  
VESA® Hole Pitch: 300 x 300 mm, M6 Screw Type, 16mm Screw Length

### Service and Warranty Information

Limited Warranty Term: 1 Year Parts / 1 Year Labor

### Dimensions

Weight: 84 lbs. (38kg) with pedestal; 71 lbs. (32kg) without pedestal  
Measurements: 49 3/4 x 34 3/8 x 13 3/4 in (1262 x 871 x 347mm) with pedestal; 49 3/4 x 32 3/4 x 4 3/4 in (1262 x 829 x 119mm) without pedestal

### Supplied Accessories

RM-YD023 Remote Control  
Batteries (Type AA x 2)  
AC Power Cord  
Operating Instructions

Quick Setup Guide  
Warranty Card  
On-line Registration Card  
Registration Card  
Cable Clamper  
Open-source software flyer  
Pedestal (attached)

### Optional Accessories

WS-S10LS Stand  
Su-FL300L Stand  
RHT-G900 Stand  
SU-WL500 Wallmount Bracket

Color: Piano Black  
UPC Code: 027242736580

1. Resolution Limited. See Sony TV and PC manuals.

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