



## FWD-32LX1

First Sony 32" LCD display. High resolution (1366x768) 32" LCD display with WEGA Engine™ intelligent picture enhancement technology for public place users requiring a robust design. Features multimedia capability, tough acrylic bezels, multiple video inputs and expandability options.

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### The first Sony 32-inch LCD – ideal for heavy duty operations in public places.

The FWD-32LX1 (with the FWD-42LX1) is the first Sony LCD Public Display as only plasma Public Displays were featured before. The FWD-32LX1 is specifically designed for heavy duty operations in public places. The stylish, yet robust design, combined with high quality picture performance, make the FWD-32LX1 the ideal product for digital signage at public places. Typical installations are Point-of-Information (POI) with display of timetables in airports and train stations, or Point-of-Sale (POS) with advertising and product promotions in retail outlets.

The FWD-32LX1 embodies the design principle of combining real practicality with good looks and top image quality. Carefully positioned carrying handles make moving the display easy and safe, while extremely robust construction ensures that they are more than durable enough to withstand long, hard use. The bezels are coated with a tough, transparent acrylic layer to keep the displays looking at their best despite the inevitable knocks.

The FWD-32LX1 can display RGB computer signals up to UXGA resolution as well as a wealth of video material ranging from standard-definition to high-definition formats (for video playback an optional accessory board is required). To boost the picture quality, this information display is using the WEGA Engine™ intelligent picture enhancement technology designed specifically to take advantage of the greater resolution and definition available from flat panel and plasma screen displays. It delivers the most realistic picture, whatever the source.

This technology delivers pictures that have superb clarity, sharper detail and natural colours. These new displays feature a low TCO (Total Cost of Ownership) compared to plasma displays. They provide a very long product lifetime, have a low power consumption and do not suffer the burn-in phenomenon. It is available in both silver and black versions.

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## Benefits

### First Sony 32" LCD display

Combining real practicality with good looks and top image quality and with lower cost of ownership than plasma displays

### Brilliant picture quality – WEGA Engine™

WEGA Engine™ is an intelligent picture enhancement system that generates an outstanding picture quality in flat panel TV's. Unlike traditional circuitry, WEGA Engine™ processes the picture digitally from start to finish, thereby generating sharper and more superior pictures

### Versatile and stylish design

'Industrial Design' introduced with the FWD-50PX1N. with a transparent acrylic layer bezel protecting the actual painting and making the display more robust against scratches during intensive usage

### Multimedia capability

Visuals from a wide variety of signal sources can be displayed, These range from standard video to HDTV, DTV and computer signals up to UXGA. Input connectors are built in for composite, S video (Y/C) and RGB/component signals For the reproduction of any composite video signals the optional BKM-FW10 video board is required

### Easy Multi Display Setups

To make multi display setups even easier a new feature has been added. Just select the zoom factor (or the amount of screens for the video-wall) and then select on each screen individually the position of the display in the video-wall

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## Features

### WEGA Engine™

delivers the most realistic picture on flat panel displays with three clear benefits: Sharper Detail, Natural Colour and Superb Clarity

### 'Industrial Design' transparent acrylic layer bezel

Versatile and stylish design protects the actual painting and makes the display more robust against scratches during intensive usage.

### Input connectors provided for composite, S video (Y/C) and RGB/component signals

The FWD-32LX1 has multimedia capability and can display visuals from a wide variety of signal sources. These range from standard video to HDTV, DTV and computer signals up to UXGA. For the reproduction of any composite video signals the optional BKM-FW10 video board is required.

### Expandability (option slots)

To extend the connectivity of the FWD-32LX1 has one option slot available that can be equipped with different boards: video

boards, an active-through board or a network board.

#### Selectable aspect ratio

The aspect ratio can be selected by the On-Screen Display menu or direct via the aspect key of the remote commander. Five different modes are available: Expanded 4:3 (16:9 wide zoomed) Letterbox (16:9 zoomed), Full 16:9, Subtitle (16:9), Normal 4:3 (using only the centre part of the screen for correct 4:3 aspect ratio)

#### Built-in audio amplifier and optional speakers

The FWD-32LX1 is equipped with an audio amplifier for clear and distinguished audio reproduction. With the optional SS-SP32FW speaker sets Sony delivers small size speakers with a great sound.

#### Picture-in-Picture (PiP) and Picture-and-Picture (PaP)

Picture in Picture (PIP) allows the user to watch more than one input source at the same time. With PIP, one source will be displayed on the entire screen and another source will be displayed in smaller square on the screen.

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## Technical specifications

### PANEL

Resolution: 1366 x 768 pixels

Panel brightness 500 cd/m<sup>2</sup>

Contrast ratio 600:1

Viewing Angle (H/V) 170 / 170

Pixel Pitch 0.51 x 0.51 mm

Active Area (W/H) 698x392 mm

Viewable Area 32-inch / 801 mm measured diagonally

Colours 16.7 million colours simultaneously

COLOUR SYSTEM NTSC/PAL/SECAM/ PAL60/PAL-M/PAL-N/NTSC4.43

SAMPLING RATE 13.5 to 140 MHz

RGB 0.7 V p-p non composite, 1.0 V p-p composite, 75 Ohm

Y/UV 0.7 V p-p non composite (U/V) / 1.0 V p-p composite (Y), 75 Ohm

Audio 500 mV rms., high impedance

VIDEO BKM-FW10 required

Composite In BNC, 1.0 V p-p +/-2 dB, sync negative, 75 Ohm automatic termination

S-Video IN/OUT Mini DIN, 4-pin,

Y/C In Y: 1.0 V p-p +/-2 dB, sync negative, 75 Ohm, automatic termination C: 0.3 V p-p (PAL), 0.286 V p-p (NTSC), +/-2 dB, sync negative, 75 Ohm

Audio In -5 dBu, 500 mV rms., high impedance

Composite Out BNC, loop-through

AUDIO OUT Stereo mini jack, 500 mV rms., high impedance

SPEAKER OUT 2 x 7W (L/R), 6 Ohm

CONTROL-S IN/OUT

REMOTE (RS-232C) D-sub 9-pin

### GENERAL

Inputs D-sub HD15 / DVI-D HDCP

Power Requirements AC 100 to 240 V, 50/60 Hz 3.7 to 1.5A

Power Consumption 170 W (Max.)

Operating Temperature 0 to 35 °C (32 to 95 °F)

Storage Temperature -10 to 40 °C (14 to 104 °F)

Humidity 20 to 90 %, no condensation

Dimensions (WxHxD) 802 x 492 x 107

Mass 17.5 kg

WARRANTY 2 years parts and labour

REGULATION COMPLIANCE UL 1950, CSA No.950 (c-UL), CE LVD (EN60950), PSE, FCC Class-B, IC Class-B, VCCI Class-B, CE EMC (EN55022 Class-B, EN55024, EN61000-3-2, EN61000-3-3), C-Tick, CCC, EMKOs

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