

FWD-32LX1R LCD Display



- A 32" widescreen professional display with low cost of ownership, the Sony FWD-32LX1R supports resolutions up to 1366x768.
- HD Ready – can play content in high definition.
- Integrated High-Performance scan converter – for smooth playback of video signals (up to HD format) and PC (up to UXGA resolution).
- High picture quality – very high brightness (450 cd/m²) combined with 1300:1 contrast ratio to deliver incredibly bright and clear images.
- Includes built-in audio amplifier to drive optional loudspeakers.
- Long life – durable design for extended product lifetime.
- Durable and elegant acrylic bezel design available in black or silver.

FWD-40LX1 LCD Display



- High resolution widescreen display (1366x768) with 16.77 million displayable colours.
- Durable and elegant acrylic bezel design available in Frosted Black or Crystal Silver.
- Great picture quality – very high brightness (450 cd/m²) combined with 1300:1 contrast ratio to deliver incredibly bright, clear images.
- HD Ready – feed the FWD-40LX1 with HD video for extra clarity and bigger impact.
- Integrated High-Performance scan converter – for smooth playback of video signals and PC.

FWD-42PV1 Plasma Display



- High picture quality – very high brightness (1500 cd/m²) combined with 10000:1 contrast ratio to deliver incredibly bright, clear images.
- Integrated High-Performance scan converter – for smooth playback of video signals (up to HD format) and PC (up to UXGA resolution).
- Includes built-in audio amplifier to drive optional loudspeakers.
- Remote management – via RS232C and Control-S control ports.
- Long life – durable design for extended product lifetime.
- Screen burn-in protection – screen saver, picture orbiting and picture inversion help prevent burn-in.

FWD-42PX2 Plasma Display



- Ideal for digital signage, the FWD-42PX2 is an eye catching 42" plasma display that uses new PDP panel technology for top level brightness and contrast. Pre-fitted BKM-FW10 video input card and DVI.
- Great picture quality - low-reflection screen coating combines with high brightness (1200cd/m²) and high contrast (10000:1) to deliver bright, clear images.
- Integrated High-Performance scan converter - for smooth playback of video signals (up to HD format) and PC (up to UXGA resolution).
- Screen burn protection - screen saver, picture orbiting, selectable dimmer and picture inversion help prevent burn-in.
- Remote management - via RS232C and Control-S control ports.
- Flexible installation options - bottom connector panel, optional table stand and wall mount brackets.

FWD-50PX2 Plasma Display



- High resolution widescreen display (1366x768) with 1.07 billion displayable colours.
- 60,000 hour panel life – 3 times longer than the previous FWD-50PX1.
- Great picture quality – very high FOS* brightness (450 cd/m²) combined with superb 10000:1 contrast ratio to deliver incredibly bright, clear images.
- HD Ready – feed the FWD-50PX2 with HD video for extra clarity and bigger impact.
- Integrated High-Performance scan converter – for smooth playback of video signals (up to HD format) and PC (up to UXGA resolution).
- Dual option slots – for installation of add-on boards. First slot is pre-installed with BKM-FW10 card.

BKM-FW50 Digital Signage Board



Shows still images and streamed video on a public display from a PC or CompactFlash media. Ideal for digital signage, corporate communications and education applications.

Store and play in three ways:

- Store and play locally
- Store and play remotely
- Store and play from web server

Education mode: with the help of VNC Freeware, show the information of a PC connected to the network onto a larger display.

Easy to use and cost effective - unpack, set up and have exciting signage in hours. And with embedded web control and inexpensive CompactFlash storage media, running costs are kept low.

* Front-Of-Screen.

Specifications

| Model name | FWD-32LX1R | FWD-40LX1 | FWD-42PV1 | FWD-42PX2 | FWD-50PX2 |
|----------------------|---|---|---|---|--|
| Panel | | | | | |
| Panel size | 32" | 40" | 42" | 42" | 50" |
| Maximum resolution | 1366x768 | 1366x768 | 852x480 | 1024x768 | 1366x768 |
| Luminance | 450 cd/m2 | 450 cd/m2 | 1500 cd/m2 | 1200 cd/m2 | 1000 cd/m2 |
| Contrast (dark room) | 1300:1 | 1300:1 | 10000:1*1 | 10000:1*4 | 10000:1*3 |
| Viewing angle (H/V) | 178°/178° | 178°/178° | Free | Free | Free |
| Pixel size (HxV) | 0.51x0.51mm | 0.648x0.648mm | 1.08x1.08mm | 0.9x0.676mm | 0.81x0.81mm |
| Colours (millions) | 16.77 | 16.77 | 1070 | 1070 | 1070 |
| Display area (HxV) | 698x392mm | 885x498mm | 920x518mm | 920x518mm | 1098x620.5 |
| Panel life (hours) | 60000 | 60000 | 60000 | 60000 | 60000 |
| Input connectors | | | | | |
| PC | HD15, DVI-HDCP | HD15, DVI-HDCP | HD15/DVI-HDCP | HD15/DVI-HDCP | HD15/DVI-HDCP |
| Video | Video/S video | Video/S video | BKM-FW10 *2 | BKM-FW10 Composite/S-Video | BKM-V10 Composite/S-Video |
| Audio | RCA (L/R)x1/Stereo mini x2 | RCA (L/R)x1/Stereo mini x3 | Stereo mini x2 | Stereo mini x2, RCA | Stereo mini x2, RCA |
| Control | RS232C/Control-S | RS232C/Control-S | RS232C/Control-S | RS232C/Control-S | RS232C/Control-S |
| Output connectors | | | | | |
| PC | - | - | - | - | - |
| Video | Video/S video | Video/S video | BKM-FW10 *2 | BKM-FW10 *2 | BKM-FW10 *2 |
| Speaker L/R | • | • | • | • | • |
| Audio | RCA (L/R) | RCA (L/R) | Stereo mini | Stereo mini | RCA (L/R) |
| Control | Control-S | Control-S | Control-S | Control-S | Control-S |
| PC input | | | | | |
| Frequency (H/V) | 15-110kHz/48-85Hz (analog) 31.5-75kHz/60Hz (digital) | 15-110kHz/48-85Hz (analog) 31.5-75kHz/60Hz (digital) | 15-96kHz/48-85Hz | 15-96kHz/48-85Hz | 15-110kHz/48-120Hz (analog) 31.5-75kHz/60Hz (digital) |
| Video signal | | | | | |
| Video signal | NTSC/PAL/SECAM/NTSC4.43/ PAL-M/PAL60/PAL-N | NTSC/PAL/SECAM/NTSC4.43/ PAL-M/PAL60/PAL-N | NTSC/PAL/SECAM/NTSC4.43/ PAL-M/PAL60/PAL-N | NTSC/PAL/SECAM/NTSC4.43/ PAL-M/PAL60/PAL-N | NTSC/PAL/SECAM/NTSC4.43/ PAL-M/PAL60/PAL-N |
| Audio output | | | | | |
| Audio output | 2x7W/6 Ohm | 2x7W/6 Ohm | 2x7W/6 Ohm | 2x7W/6 Ohm | 2x7W/6 Ohm |
| Power requirements | | | | | |
| Requirements | AC100-240V, 50/60Hz | AC100-240V, 50/60Hz | AC100-240V, 50/60Hz | AC100-240V, 50/60Hz | AC100-240V, 50/60Hz |
| Power consumption | 150W (typ.) | 220W (typ.) | 260W (typ.) | 350W (max.) | 440W (typ.) |
| Dimensions (WxHxD) | | | | | |
| With stand (mm/inch) | 802x492x107/31.5x19.3x4.2 | 994x597x125/39.1x23.5x4.9 | 1033x631x121/40.6x24.8x4.8 | 1033x631x121/40.6x24.8x4.75 | 1256x753x112/49.4x29.6x4.4 |
| Shipping (mm/inch) | 980x653x366/38.5x25.7x14.4 | 1140x734x333/44.9x28.9x13.1 | 1170x775x382/46x30.5x15 | 1170x775x382/46x30.5x15 | 1400x960x366/55.1x37.8x14.4 |
| Weight | | | | | |
| With stand (kg/lbs) | 17.5/38.3 | 27.5/60.6 | 29/63.5 | 30/65.7 | 44/97 |
| Shipping (kg/lbs) | 25/54.8 | 32.5/71.6 | 37.1/81.2 | 38/84.3 | 52/114 |
| Optional slots | | | | | |
| Optional slots | 1 | 2 | 1 | 2 | 2 |
| Burn-in prevention | | | | | |
| Picture inversion | - | - | • | • | • |
| Picture orbit | - | - | • | • | • |
| Picture All White | - | - | • | • | • |
| Gray background | - | - | • | • | • |
| Auto dimmer | - | - | • | • | • |
| PIP/PAP | | | | | |
| PIP/PAP | •/• | •/• | •/• | •/• | •/• |
| Multi-display setup | | | | | |
| Multi-display setup | • | • | • | • | • |
| Bezel colours | | | | | |
| Colours available | Silver/Black | Silver/Black | Silver/Black | Silver/Black | Silver/Black |

*1 With 4% window. *2 Composite input/output; S-Video input/output. *3 With 4% window, measured in dark room. *4 "Gray to Gray" spec.

Accessories

| Model name | FWD-32LX1R | FWD-40LX1 | FWD-42PV1 | FWD-42PX2 | FWD-50PX2 |
|---------------------|------------|-----------|-----------|-----------|-----------|
| Input boards | | | | | |
| BKM-FW10 | • | • | • | • | • |
| BKM-FW11 | • | • | • | • | • |
| BKM-FW12 | • | • | • | • | • |
| Network management | | | | | |
| BKM-FW32 | • | • | • | •* | • |
| BKM-FW50 | • | • | •* | •* | • |
| Stands and brackets | | | | | |
| SU-32FW | • | | | | |
| SU-42FW | | • | • | • | |
| SU-50FW | | | | | • |
| FS-LP1NL | • | • | • | • | • |
| WB-LP1NL | • | • | • | • | • |
| CB-LP1NL | • | • | • | • | • |
| Speakers | | | | | |
| SS-SP50FW | | | | | • |
| SS-SP32FW | • | | | | |
| SS-SP42FW | | | • | • | |
| SS-SP40FW | | • | | | |

- Pre-installed in display.
- * After firmware upgrade only.

Control devices

BKM-FW32: internal network management device. Allows for status and control via IP. Optional single card slot solution for FWD-50PX2, FWD-32LX1R, FWD-40LX1, FWD-42PV1 and FWD-42PX2.

BKM-FW50: network management streaming board for FWD-42PV1, FWD-32LX1R, FWD-40LX1, FWD-42PX2 and FWD-50PX2.

Stands and brackets

SU-32FW: table stand for FWD-32LX1R.

SU-42FW: table stand for FWD-40LX1, FWD-42PV1 and FWD-42PX2.

SU-50FW: table stand for FWD-50PX2.

FS-LP1NL: floor stand for all display models.

WB-LP1NL: wall bracket for all display models.

CB-LP1NL: ceiling bracket for all display models.



Input boards

BKM-FW10: composite and S-Video input board pre-installed in FWD-32LX1R, FWD-40LX1, FWD-42PV1, FWD-50PX2 and FWD-42PX2.

BKM-FW11: component/RGB input board using 5-BNC connectors for FWD-42PV1, FWD-50PX2, FWD-42PX2 and FWD-32LX1R and pre-installed in FWD-40LX1.

BKM-FW12: RGB/component active loop through for FWD-42PV1, FWD-50PX2, FWD-42PX2, FWD-32LX1R and FWD-40LX1.

Speakers

SS-SP50FW: speakers for FWD-50PX2.

SS-SP32FW: speakers for FWD-32LX1R.

SS-SP42FW: speakers for FWD-42PV1 and FWD-42PX2.

SS-SP40FW: speakers for FWD-40LX1.