

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.

PFM-42X1 Plasma Display



- Ideal for digital signage, the PFM-42X1 is an eye-catching, durable 42" display with pre-fitted BKM-FW10 video input card and DVI.
- High picture quality – low-reflection screen coating combines with high brightness (800 cd/m²) and high contrast (3000:1) 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-in protection – screen saver, picture orbiting 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 & 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	PFM-42X1	FWD-50PX2
Panel					
Panel size	32"	40"	42"	42"	50"
Maximum resolution	1366x768	1366x768	852x480	1024x768	1366x768
Luminance	450 cd/m ²	450 cd/m ²	1500 cd/m ²	800 cd/m ²	1000 cd/m ²
Contrast (dark room)	1300:1	1300:1	10000:1 ^{*1}	3000:1 ^{*3}	10000:1 ^{*3}
Viewing angle (H/V)	178°/178°	178°/178°	Free	Free	free
Pixel size (HxV)	0.51x0.51mm	0.648x0.648 mm	1.08x1.08mm	0.9x0.676mm	0.81x0.81mm
Colours (millions)	16.77	16.77	1070	1060	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-D HDCP	HD15/DVI-HDCP
Video	Video/S video	Video/S video	BKM-FW10 ^{*2}	BKM-V10 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	Stereo mini x2/RCA (L/R)x2
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}	-	Composite/S-Video
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.)	400W (max)	440W (typ.)
Dimensions (WxHxD)					
With stand (mm/inch)	802x492x107/31.5x19.3x4.2	994x597x125/39.1x23.5x4.9	1033x631x121/40.6x24.8x4.8	1033x631x102/40.6x24.8x4	1256x753x112/49.4x29.6x4.4
Shipping (mm/inch)	980x653x366/38.5x25.7x14.4	1140x734x333/44.9x28.9x13.1	1170x775x382/46x30.5x15	1152x745x364/45.3x29.3x14.3	1400x960x366/55.1x37.8x14.4
Weight					
With stand (kg/lbs)	17.5/38.3	27.5/60.6	29/63.5	29.7/65.04	44/97
Shipping (kg/lbs)	25/54.8	32.5/71.6	37.1/81.2	38.2/83.7	52/114
Optional slots					
Optional slots	1	2	1	1	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	Silver/Black

^{*1} With 4% window. ^{*2} Composite input/output; S-Video input/output. ^{*3} With 4% window, measured in dark room.

Accessories

Model name	FWD-32LX1R	FWD-40LX1	FWD-42PV1	PFM-42X1	FWD-50PX2
Input boards					
BKM-V10				•	
BKM-V11					•
BKM-V12				•	
BKM-FW10	•	•	•		•
BKM-FW11	•	•	•		•
BKM-FW12	•	•	•		•
Network management					
BKM-FW32	•	•	•		•
BKM-FW50	•	•	•*		•
Stands and brackets					
SU-42B					•
SU-32FW	•				
SU-42FW		•	•		
SU-50FW					•
FS-LP1NL	•	•	•	•	•
WB-LP1NL	•	•	•	•	•
CB-LP1NL	•	•	•	•	•
Speakers					
SS-SP50FW					•
SS-SP20B				•	
SS-SP32FW	•				
SS-SP42FW			•		
SS-SP40FW		•			

• Pre-installed in display.

* After firmware upgrade only.

Input boards

BKM-V10: composite and S-Video input board for the PFM-42X1.

BKM-V11: component/RGB input board using 5-BNC connectors for PFM-42X1 display.

BKM-V12: RGB/component active loop through for PFM-42X1.

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

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

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

Speakers

SS-SP50FW: speakers for FWD-50PX2.

SS-SP20B: speakers for PFM-42X1.

SS-SP32FW: speakers for FWD-32LX1R.

SS-SP42FW: speakers for FWD-42PV1.

SS-SP40FW: speakers for FWD-40LX1.

Stands and brackets

SU-42B: table stand for PFM-42X1.

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

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

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.

