

SONY®

Professional Flat Panel Display

PFM-32C1/32C1E

- 32-inch*, 16:9 widescreen flat panel display
- Real Digital System for true image reproduction
- High-definition flat panel provides clear pictures
- Slim, sleek styling

** Viewable area, measured diagonally.*

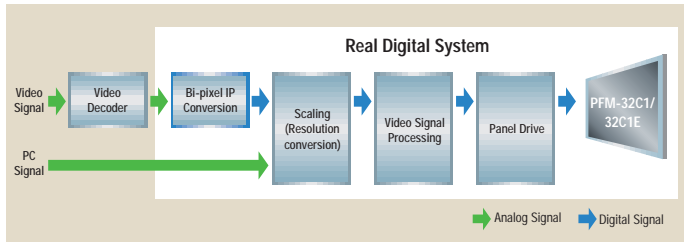


High quality, high style and high flexibility combined Sony PFM-32C1/32C1E

Brilliant Picture Quality

Real Digital System

With the unique Sony digital signal processing technology, the Real Digital System, all signals are both input and processed digitally to give true image reproduction. A new bi-pixel I/P conversion circuit, developed exclusively for Sony flat panel displays, converts interlace signals to progressive images of effectively higher definition, and for film-originated sources, the Cinema Drive function (3-2 pull down technology) is incorporated to help reproduce scene movement more naturally.



High-definition Flat Panel

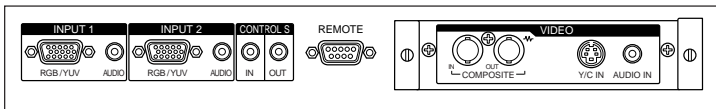
The PFM-32C1/32C1E uses a high-definition flat panel with 1024 x 852 pixels that, together with the Real Digital System, provides high quality, smooth images across the screen. The anti-reflection coating on the glass panel reduces light reflection to maintain picture contrast.

Specifications

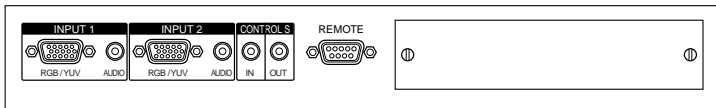
Picture Performance		
Panel	Resolution	1024 x 852 pixels
	Pixel pitch	0.84 x 0.39 mm
	Active area (W/H)	715.68 x 399.36 mm
	Viewable picture area	32-inch/820 mm (diagonal)
	Driver	8-bit RGB
	Colors	16.8 million colors simultaneously
	Type	AC-type Plasma Display Panel with anti-reflection screen
Color system		
		NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL 60
Sampling rate		
		13.5 to 140 MHz
Input/Output		
INPUT1/INPUT2		
	RGB	0.714 Vp-p/non-composite, 1.0 Vp-p/composite, 75 Ω
	YUV	0.7 Vp-p/non-composite (U/V), 1.0 Vp-p/composite (Y), 75 Ω
	AUDIO	Stereo mini jack, 500 mV rms, high impedance
VIDEO**		
	COMPOSITE IN	BNC, 1.0 Vp-p ±2 dB sync negative, 75 Ω automatic termination
	Y/C IN	Mini DIN 4-pin
	Y	1.0 Vp-p ±2 dB sync negative, 75 Ω
	C	0.286 Vp-p ±2 dB sync negative (NTSC), 75 Ω 0.3 Vp-p ±2 dB sync negative (PAL), 75 Ω
	AUDIO IN	Stereo mini jack, 500 mV rms, high impedance
	COMPOSITE OUT	Loop-through BNC
CONTROL S IN/OUT		
		Stereo mini jack, 5.0 Vp-p
REMOTE (RS-232C)		
		D-sub 9-pin
SPEAKER OUT (L/R)		
		7 W + 7 W (impedance: 6 Ω)

Connector Panel

PFM-32C1



PFM-32C1E



Versatile and Stylish

With a simple yet sophisticated appearance, the PFM-32C1/32C1E offers a stylish and impactful way to convey a message. With excellent installation flexibility, this slim, lightweight display provides large, superb quality images in minimal space.

Multiple Inputs with High-performance Scan Converter

The PFM-32C1/32C1E accepts a wide variety of signal sources, ranging from standard composite video* to HDTV, DTV and RGB computer signals. A built-in high-performance scan converter offers optimum image quality whatever the signal format, providing accurate pixel-by-pixel image reproduction.

* The PFM-32C1E requires an optional BKM-B10 adaptor to accept video signals.

Other Features

- High-quality digital audio amplifier and an optional speaker system
- Picture Mode function – three user presets and two fixed sets of parameters
- Aspect ratios of Wide Zoom, Letter Box Zoom, Restore, Subtitle or Normal 4:3 selectable
- Size control and Shift control
- Picture Zoom
- 24 hour on/off timer and sleep function
- Power saving function
- Screen saver functions – Picture Orbiting and Picture Inversion
- Closed Caption decoder
- Worldwide power supply range

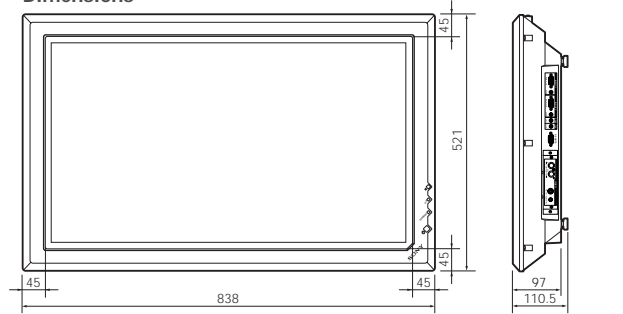


General	
Power requirements	AC 100 to 240 V, 50/60 Hz, 3.2 to 1.6 A
Power consumption	270 W
Operating temperature	0 to 35 °C (32 to 95 °F)
Storage temperature	-10 to 40 °C (14 to 104 °F)
Humidity	20 to 90 %, no condensation
Dimensions** (W/H/D)	838 x 521 x 97 mm (33 x 20 5/8 x 3 7/8 inches)
Mass	22 kg (48 lb 8 oz)
Supplied Accessories	
	AC Power Cord, AC Plug Holder (2), Remote Commander RM-971, AA size Battery (2), Cable Holder A (2), Cable Holder B (4), Operating Instructions
Optional Accessories	
	Video Adaptor BKM-B10 (for PFM-32C1E only), Display Stand SU-P32C, Speaker System SS-SP10A
Regulation Compliance	
	UL1950, CSA No.950 (c-UL), CE LVD (EN60950), Dentori Otsu, FCC Class B, IC Class B, VCCI Class B, CE EMC (EN55022 Class-B, EN55024, EN61000-3-2, EN61000-3-3), C-Tick (AS/NZS 3548/95, AS/NZS 4252.1), CCIB, JEIDA, CB, KIL, IEC

*1 The PFM-32C1E requires an optional BKM-B10 adaptor to accept video signals.

**2 Excluding protruding parts.

Dimensions



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