42” Plasma Monitor

BDS4211

A new era of multimedia presentations. Introducing the new Philips BDS4211 plasma monitor. Lighter, quieter, sharper, brighter, more vivid, with high compatibility and connectivity.

A person receives over 70% of all information in the blink of an eye…….the Philips plasma’s high-quality image reproduction will grab the attention of crowds, from boardrooms to retail shops.

Contrast reserve™ *enhances intelligently the light output of a display, while keeping its picture content undistorted and natural with maximum contrast and light output. It’s, among others, for this that our plasma displays are often awarded by the EISA (European Imaging and Sound Association).*

PHILIPS

BDS4211 Plasma Monitor

technical specifications

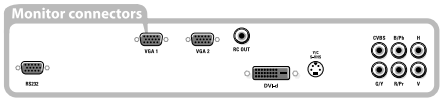
BRILLIANCE®
HIGH RESOLUTION MONITORS

No Fan Cooling = no sound. For ultra quiet, 0dB operation the Philips BDS4211 plasma monitor features a new chasis layout and PDP panel offering improved power efficiency and cooling.

External control input-output. (RS-232C) enables control from a remote computer of many screen functions. In addition, the BDS4211 has a self-diagnostic mode that makes it possible to check the screen through peripherals connected via the RS-232C.

DVI input terminal for direct digital RGB input. The BDS4211 incorporates a DVI input terminal, enabling direct digital input of RGB signals. It delivers clear, high-quality image output with virtually no flicker or jitter.

SmartPort™. The BDS4211 incorporates an additional Flex-VGA connector. Herewith it is possible to connect another monitor to the plasma display or to have a dual data VGA input.



STard	Resolution	Refresh rate
VGA	640x480	60, 72, 85 Hz
VGA	640x400	70 Hz
VGA	640x350	70 Hz
Wide VGA	856x480	60 Hz
Wide VGA	800x450	65 Hz
Wide VGA	1024x600	60Hz
Wide VGA	1360x765	60Hz
MAC	640x480	66.67 Hz
MAC	832x624	74.55 Hz
MAC	1024x768	74.39 Hz
MAC	1152x870	75 Hz
SVGA	800x600	56, 60, 72, 75, 85 Hz
XGA	1024x768	60, 70, 75, 85 Hz
SXGA	1280x1024	60, 72 Hz (Analog) 60 Hz (DVI)

Synchronisation Of VGA Input Signals
Horizontal locking range : 15.6 - 80 kHz
Vertical locking range : 48 - 120 Hz
Pixel clock range : 20 - 130 MHz

VGA signals not Complying to one of the predefined formats, but within locking range will be automatically detected and displayed (full screen).

Display Panel	Type number	BDS4211
	Type	AC type Plasma WVGA Plasma Panel
	Screen size (viewable area)	522.3 (H) x 921.6 (W) (42inch diagonal)
	Aspect ratio	16:9
	Number of Pixels	Horizontal 852 x Vertical 480
	Pixel pitch	1,08 x 1,08 mm
	Displayable Colors	16.77 milion (RGB 256 Gray Scale)
	Viewing angle	Over 160 degrees (all directions)
	Contrast ratio	1000:1
	Brightness	650 cd/m2 (without filterplate)

Signals	**Input signals Video**
	CVBS: NTSC 3.58, 4.43; PAL 4.43 (B,G,D,H,I,N); PAL 3.58 (M,N); SECAM
	S-Video (Y/C)
	RGB+HV, YCbCr, YPbPr (480p, 576p, 720p, 480i, 576i, 1080i)
	Computer
	PC and MAC compatible; Multi scan VGA*, XGA*, SXGA*
	Synchronisation range
	Horizontal locking range : 15.6 - 80 kHz (automatic step scan)
	Vertical locking range : 48 - 120 Hz (automatic step scan)
	Pixelclock clock range: 20 - 130 MHz (automatic step scan)

Input/output connectors	**RGB**
	Data1 (Analog) VGA in Mini D-sub 15pins
	Data2 (Analog) FlexVGA (Loop-through/VGA in) Mini D-sub 15pins. Supports also HD sources
	Data3 (Digital) DVI-D in 29pins (not compatible with analog input)
	Video
	Video1 (CVBS) CINCH
	Video2 S-Video (Y/C) DIN 4pin
	Video3 (RGB+HV, YCbCr (sync on green), YPbPr (sync on green)) 5*CINCH**
	RC Out
	CINCH
	External Control
	D-sub 9pin (RS232)

Features	Dimensions (mm)		Product: 657 (H) x 1075 (W) x 89 (D) (42inch diagonal)
			Packaging: 952 (H) x 1490 (W) x 490 (D) (42inch diagonal) ***
	Weight		39 kg (net/set)
			56,5 kg (gross/unit)
	Power Consumption		+/- 320W (normal operation); <2W in stand-by
	Power Source		AC 95-264V, 50/60Hz

Environmental Facts	**Fan Noise**		0dB (no fan)
	Operation	- Temperature	5 to 40 °C
		- Humidity	20 to 80% (no condensation)
		- Altitude	0 to 2000 m (local air pressure ≥ 800 hPa)
	Storage	- Temperature	-10 to 50 °C
		- Humidity	10 to 90% (no condensation)
		- Altitude	0 to 3000 m

Regulations	**Safety**	CSA-E60065-00 (apply as CUL6500); IEC60065: 1998
	EMC	IEC61000-3-3; EN55013: 1990+A12+A13+A14; EN55020: 1994+A11+ A12+A13+A14; EN55022:1998; EN55024: 1998; (IEC61000-4-5); EN61000-3-2: 1995+A1+A2+A14; EN61000-3-3: 1995+A1; CISPR13; CISPR20

Supplied accessories	Wall bracket (Flat-to-wall and limited tilt possibilities); AC Power cord; Romote Control (RC 19335009); Operating instructions; VGA cable (2m); Monitor Control Tool (CDROM included) for control of the plasma from PC/laptop
Logos	Brilliance BDS4211, Philips
Other features	Contrast reserve: enhances intelligently the light output of a display, keeping picture content undistorted and natural.
	Menu Languages: Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Swedish and Spanish.
	Continious Zoom. Cursor movable zoom window
	Dynamic graphical user interface. Easy, intuitive operation by feedforward and backtracking display.
	Full menu control of all functions through layered menus
	Onscreen status display for sources and functions (OSD)
	RS232 for service and control via PC (Monitor Control Tool)
	Anti reflex coated glass screen

Specifications subject to change without notice

The Philips Guarantee
The Philips range of advanced plasma monitors combines reliability and unsurpassed performance with a host of technological innovations. All of which ensures that you enjoy an impressive picture. What else do you expect from the innovative world leader in sound and vision technology.

*** The 5 CINCH connector accepts both RGB input and component input*
**** Product is strapped including pallet*
***** Light output of a PDP module gradually decreaes over long-term use. Do not display static images for prolonged periods: otherwise phosphor burn might appear on a part of the panel. Phosphor burn is not covered by the warranty.*
The plasma display panel consists of fine pixel elements (cells). Although Philips produces these plasma displays with more than 99.99% of their cells active, there may be some cells that do not produce light or remain lit after they should have turned off.

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