

46" Plasma Monitor



*A new era of multimedia presentations.
Introducing the new Philips BDS4611 plasma monitor. The cost effective alternative for your large display needs.*

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 public space to retail shops.



PHILIPS

BDS4611 Plasma Monitor

technical specifications

No Fan Cooling = no sound. For ultra quiet, 0dB operation the Philips BDS4611 plasma monitor features a new chassis 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 BDS4611 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 BDS4611 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.

No front keys. Display operation and settings is done through the RS232 computer connection or by remote control. This avoids unauthorised adjustments when the display is positioned in a public space.

NO	Resolution Horizontal (KHz)	Horizontal Frequency (Hz)	Vertical Frequency (MHz)	Dot Clock Frequency	Remark
1	720x400	31.47	70.08	25.17	DOS
2	640x400	37.90	85.00	31.50	VESA
3	640x480	31.50	60.00	25.18	DOS
4	640x480	35.00	67.00	30.24	Mac.(SOG)
5	640x480	37.50	75.00	31.50	VESA
6	640x480	37.86	72.81	31.50	VESA
7	640x480	43.30	85.00	36.00	VESA
8	800x600	35.16	56.25	36.00	VESA
9	800x600	37.90	60.32	40.00	VESA
10	800x600	46.90	75.00	49.50	VESA
11	800x600	48.08	72.19	50.00	VESA
12	800x600	53.70	85.00	56.25	VESA
13	832x624	49.00	74.00	57.27	Mac. (H+V)
14	1024x768	48.40	60.00	65.00	VESA
15	1024x768	56.50	70.00	75.00	VESA
16	1024x768	60.00	75.00	78.75	VESA
17	1024x768	68.70	85.00	94.50	VESA

- When the signal received by the Display exceeds the allowed range, a warning message "Signal Out Of Range" shall appear on the screen.
- You can confirm the input signal format by selecting the "Status page" from the OSD Menu.

International USA	BDS4611/00N	BDS4611/00V	BDS4611/00A
	BDS4611/74N	BDS4611/74V	BDS4611/74A
General			
+Basic technology	Plasma	Plasma	Plasma
+Visible screen diameter	46"	46"	46"
+Aspect ratio	16:9	16:9	16:9
+Panel source	CPT	CPT	CPT

Image	BDS4611/00N	BDS4611/00V	BDS4611/00A
+Brightness(cd/m2)	700(4% area)	700(4% area)	700(4% area)
+Contrast ratio	800:1	800:1	800:1
+Resolution(Pixels)	852x480	852x480	852x480
+Pixel pitch	1.182x1.182	1.182x1.182	1.182x1.182
+Viewing angle H/V(degrees)	>160	>160	>160
+De-interlacing	3:2/2:2 motion adaptive	3:2/2:2 motion adaptive	3:2/2:2 motion adaptive
+Digital comb filter	3D	3D	3D
+Displayable colors	16.77 x106	16.77 x106	16.77 x106
+Gamma	2.2/2.4/2.6/2.8	2.2/2.4/2.6/2.8	2.2/2.4/2.6/2.8
+Color temperature	3 preset+ user def.	3 preset+ user def.	3 preset+ user def.

Computer input signals	BDS4611/00N	BDS4611/00V	BDS4611/00A
+Multiscan	VGA-XGA	VGA-XGA	VGA-XGA

Input/output connectors	BDS4611/00N	BDS4611/00V	BDS4611/00A
+RGB in	VGA, DVI	VGA, DVI	VGA, DVI
+Component in	Y Cb/Pb Cr/Pr x 1 (RCA x 3)	Y Cb/Pb Cr/Pr x 1 (RCA x 3)	Y Cb/Pb Cr/Pr x 1 (RCA x 3)
+CVBS in	x 1 (RCA x 1)	x 1 (RCA x 1)	x 1 (RCA x 1)
+S-video in	x 1 (DIN 4-pin)	x 1 (DIN 4-pin)	x 1 (DIN 4-pin)
+CVBS	x 1 (BNC x 1)	x 1 (BNC x 1)	x 1 (BNC x 1)
+Audio input			x 2 L/R (RCA x 2)
+Audio output			20W (10W x 2)
+Remote control/diagnostics	RS232-C control	RS232-C control	RS232-C control

Features	BDS4611/00N	BDS4611/00V	BDS4611/00A
+Power source	110V to 240V +/- 10%	110V to 240V +/- 10%	110V to 240V +/- 10%
+Dimensions (mm)	1102x 643x 51(mm)	1102x 643x 51(mm)	1102x 643x 51(mm)
+Weight (kgs)	37	37	37
+Power consumption	330/5	330/5	330/5
+Speakers			2W x 2 internal

Environmental	BDS4611/00N	BDS4611/00V	BDS4611/00A
+Fan noise(db)	No Fan	No Fan	No Fan
+Operation temperature	0 to 40 degrees C	0 to 40 degrees C	0 to 40 degrees C
+Operation humidity	20 to 80%, no cond.	20 to 80%, no cond.	20 to 80%, no cond.

Regulations	BDS4611/00N	BDS4611/00V	BDS4611/00A
+Fan noise(db)	No Fan	No Fan	No Fan
+Safety	UL, CUL-1950/6500	UL, CUL-1950/6500	UL, CUL-1950/6500
+EMC	FCC, CE class B	FCC, CE class B	FCC, CE class B

Accessories	BDS4611/00N	BDS4611/00V	BDS4611/00A
+VGA cable	yes	yes	yes
+Power cable	yes	yes	yes
+Monitor control tool	yes	yes	yes

Other features	BDS4611/00N	BDS4611/00V	BDS4611/00A
+On-screen status display	yes	yes	yes
+Portrait position mounting	no	no	no
+Front keys	no	no	no

Quality and support	BDS4611/00N	BDS4611/00V	BDS4611/00A
+Lifetime to 50% brightness(hrs)	20,000 hrs	20,000 hrs	20,000 hrs

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.

Light output of a PDP module gradually decreases 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.

