PHILIPS

Philips LCD Monitor Electronic Userõs Manual

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- [illegible] Philips. [illegible]

[illegible] ([illegible]).

- [illegible] ([illegible]").
- [illegible] "[illegible]".

[illegible] (200P4MG)

- [illegible] (200P4MG),
- [illegible] (200P4MG).
- [illegible] (200P4MG).
- [illegible] EN/IEC 60601-1 (200P4MG).
- [illegible] 200P4MG, [illegible] IEC 60601-1.
- [illegible].
- [illegible] I.
- [illegible].
- [illegible] IPX0.
- [illegible].

[illegible].

[illegible]

[illegible]

- [illegible]
- [illegible].
- [illegible]:
  - [illegible] 5-35°C 41-95°F
  - [illegible]: 20-80%
- [illegible].
- [illegible]

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[illegible] Philips [illegible]

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[illegible] Philips Electronics N.V.

[illegible]

[illegible]

[illegible]

BRILLIANCE 200P4
200S4
200P4MG

- 20-[illegible]
- [illegible] DVI-D [illegible] VGA
- [illegible]
- [illegible] 2x2 [illegible] RMS [illegible]
- [illegible] AUTO ([illegible]) [illegible]
- [illegible]
- [illegible] "[illegible]" (PIP) [illegible]
- [illegible] S-Video & CVBS ([illegible] 200P4VS, 200P4VG, 200P4VB)
- [illegible] S-video [illegible] CVBS ([illegible] 200P4SS, 200P4SG, 200P4SB, 200S4SS)
- [illegible]
- sRGB [illegible]

[illegible]

[illegible]*

[illegible]	
[illegible]	[illegible]
[illegible]	20,1 [illegible]/51 [illegible]
[illegible]	0,255x 0,255 [illegible]
[illegible]	1600 x 1200 [illegible] [illegible] - [illegible] [illegible]
[illegible]	408 x 306[illegible]
[illegible]	8-[illegible] (16 [illegible])
[illegible]	
[illegible]	56 - 85[illegible]
[illegible]	30 [illegible]-94 [illegible] ([illegible])
[illegible]	
[illegible]	165 M[illegible]

[illegible]	
[illegible]	75 Ω
[illegible]	2K2 Ω
[illegible]	0.7 [illegible] ([illegible])
[illegible]	[illegible]
[illegible]	[illegible]
S-Video	[illegible] Y 1,0Vpp, [illegible] C 0,3Vpp, [illegible] 75 [illegible]
[illegible]	[illegible], 1,0Vpp, [illegible] 75 [illegible]
[illegible]	D-Sub ([illegible]) DVI-D ([illegible])

AUDIO-IN ([illegible])

[illegible]	0,7 [illegible], [illegible]
[illegible]	20 [illegible] x2, 32 Ω
[illegible]	3,5-[illegible]
[illegible]	4[illegible] RMSx2, 200 [illegible]~12[illegible], 4 [illegible] THD ([illegible]) = 10%)

[illegible]

[illegible]	200P4: 400:1 ([illegible]) 200S4: 350:1 ([illegible])
[illegible]	250 cd/m² ([illegible])
[illegible]	[illegible] "[illegible] 6 [illegible]"
[illegible]	x: 0,283 y: 0,297 (9300ÁK) x: 0,313 y: 0,329 (6500ÁK)
[illegible] (C/R >10)	200P4: [illegible] >88Á([illegible]) [illegible] >88Á([illegible]) [illegible] >88Á([illegible]) [illegible] >88Á([illegible]) 200S4: [illegible] >80Á([illegible]) [illegible] >80Á([illegible]) [illegible] >80Á([illegible]) [illegible] >80Á([illegible])

[illegible]	200P4: 16 [illegible] 200S4: 20 [illegible]

sRGB

[illegible] sRGB [illegible] ([illegible], [illegible], [illegible], [illegible].)

[illegible] sRGB [illegible] sRGB [illegible] sRGB [illegible] Philips. [illegible].

[illegible] sRGB [illegible], [illegible]. [illegible] sRGB.

[illegible], [illegible] OK [illegible] "[illegible]" [illegible] Adjust Color [illegible] OK. [illegible] "[illegible]" [illegible] sRGB [illegible] OK.

[illegible].

[illegible] -[illegible], [illegible] sRGB [illegible] "color temperature" ([illegible]) [illegible] 6500K.

[illegible] sRGB [illegible]: www.srgb.com

*[illegible].

[illegible]

[illegible]

[illegible]	1600 x 1200 [illegible] 60 [illegible] ([illegible]) 1600 x 1200 [illegible] 60 [illegible] ([illegible])
[illegible]	1600 x 1200 [illegible] 60 [illegible] *[illegible] DVI

37 [illegible]

15 [illegible]:

[illegible] ([illegible])	[illegible]	[illegible] ([illegible])
31.5	640*350	70 (IBM VGA 10h)
31.5	720*400	70
31.5	640*480	60
37.5	640*480	75
35.2	800*600	56
37.9	800*600	60
46.9	800*600	75
48.4	1024*768	60
60.0	1024*768	75
69.0	1152*870	75
63.9	1280*1024	60
80.0	1280*1024	75
75.0	1600*1200	60
33.8	1080i	60
45.0	720p	60

[illegible] 1080i.

[illegible]

[illegible]

[illegible] DPMS ([illegible]) VESA ([illegible]), [illegible]:

[illegible]					
[illegible] VESA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	< 65[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	< 1.5[illegible]	[illegible]

[illegible] ENERGY STAR® . [illegible] ENERGY STAR® [illegible] PHILIPS [illegible] ENERGY STAR® [illegible].

[illegible]

[illegible]

[illegible] (x x)	488 x 459 x 220 [illegible] ([illegible])
[illegible]	7,5 [illegible]
[illegible]	-5° ~ 25° / + -175°
[illegible]	100 ~ 240 [illegible], 50/60 [illegible]
[illegible]	50 [illegible]* ([illegible])
[illegible]	5°C [illegible] 35°C ([illegible]) -20 °C [illegible] 60°C ([illegible])
[illegible]	20% - 80%
[illegible]	50K [illegible] ([illegible] CCFL 40K [illegible])
[illegible]	200P4VG/200P4SG/200P4MG: [illegible] 200P4VB/200P4SB: [illegible] 200P4VS/200P4SS/200S4SS: [illegible]
[illegible]	
- [illegible] / [illegible] - [illegible]	0 - 40 000 [illegible] (12 192 [illegible]) 0 - 12 000 [illegible] (3 657,6 [illegible])

*[illegible].

*[illegible] 1600 x 1200, [illegible] 50%, [illegible] 9300°K, [illegible]/USB.

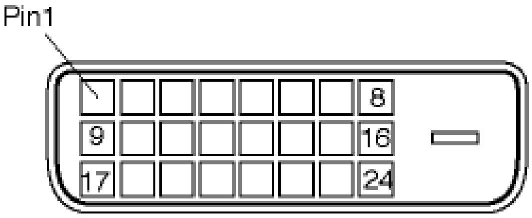
[illegible]

[illegible]

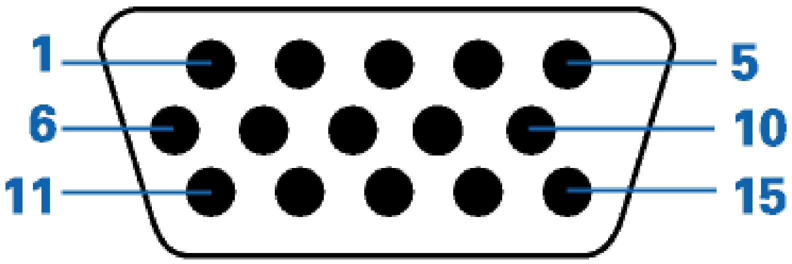
[illegible] 24 [illegible] 8 [illegible]:

1	TMDS [illegible] 2-	9	TMDS [illegible] 1-	17	TMDS [illegible] 0-

2	TMDS [illegible] 2+	10	TMDS [illegible] 1+	18	TMDS [illegible] 0+
3	TMDS [illegible] 2/4 [illegible]	11	TMDS [illegible] 1/3 [illegible]	19	TMDS [illegible] 0/5 [illegible]
4	[illegible]	12	[illegible]	20	[illegible]
5	[illegible]	13	[illegible]	21	[illegible]
6	DDC [illegible]	14	[illegible] +5 [illegible]	22	TMDS [illegible]
7	DDC [illegible]	15	[illegible] (+5, [illegible]) [illegible]	23	TMDS [illegible]+
8	[illegible]	16	[illegible]	24	TMDS [illegible]-



15-[illegible] D-sub [illegible]:



[illegible]	[illegible]		[illegible]	[illegible]
1	[illegible]		9	+5V
2	[illegible]/ SOG		10	[illegible]
3	[illegible]		11	[illegible]
4	[illegible]		12	[illegible] (SDA)
5	[illegible]		13	H. Sync / H+V

6	ʅ ɉ ʤʒʣʷ ʜʣʷ ʢʦʘʩʥʦʥ ɘʠʜɉʦ	14	V. Sync (VCLK ʜʣʷ DDC)
7	ʅ ɉ ʤʒʣʷ ʜʣʷ ʟɉʣʝ ʣʥʦʥ ɘʠʜɉʦ	15	ʃ ʠʣʮʷ ʩʃʣʑʦʦʣʮʟʠʦʣʯ ʰ ɉʥ ʩʃʥʣʘʣʘʜʘʣʣ ꞉ (SCL)
8	ʅ ɉ ʤʒʣʷ ʜʣʷ ʩʃʣʝʥ ɘʠʜɉʦ		

ɺ ʃ ʅ ɺ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʉʊʈ ɸʅ ʀʎ ʓ

ɺ ʣʝʰ ʣʮ꞉ ɘʠʜ ʤʒʦʣʮʃʃʦʦʘ ʧʦʜ ʦʘʟʣ ʤʒʃ ʫʥʣʘʤʒʃ

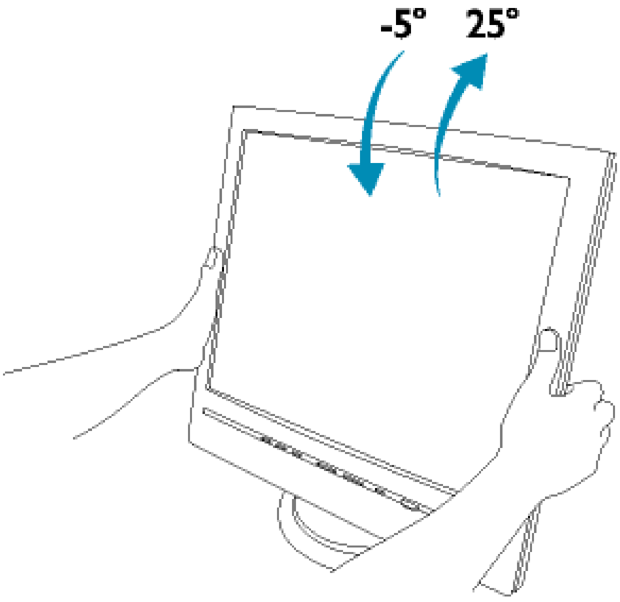
ɼ ʣʷ ʧʦʩʤʒʃʦʘ ɘʣʝʰ ʣʝʥ ɘʠʜʘ ʤʒʦʣʮʃʃʦʦʘ ʠ ɉʥ ʢʦʤʒʧʦʣʝʣʥɘ ʧʦʜ ʦʘʟʣ ʤʒʃ ʫʥʣʘʤʒʃ ʠʩʃʧʦʣ ʟʫ꞉ʃɉ ʩʃʩ ʣʑʠ.

ʃ ʧʠʩʘʣʮɉ ʤʒʦʣʮʃʃʦʦʘ ɘʠʜ ʩʃɉʦʝʜʠ

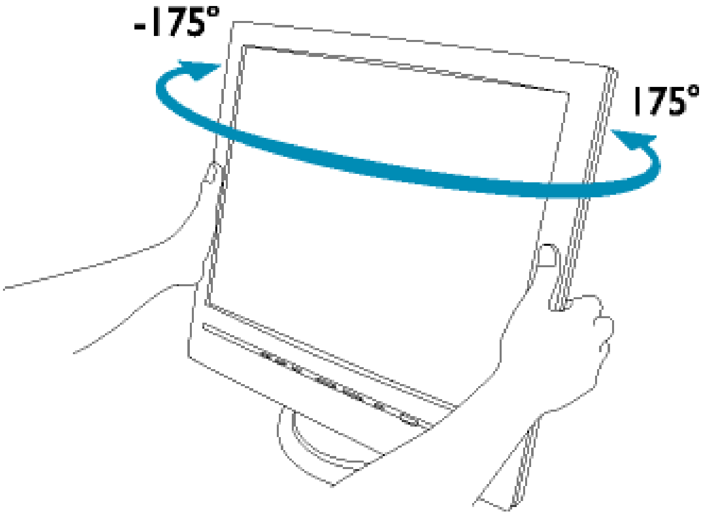
ɺ ʃ ʅ ɺ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʉʊʈ ɸʅ ʀʎ ʓ

ʈ ɉʥʣʣʃʦʦʘ ʢʠ ʧʦʣʦɉ ʣʮʷ ʤʒʦʣʮʃʃʦʦʘ

1) ʦʝʥʣʣʃʦʦʘ ʢʘ ʣʒʢʣʦʣʒ



2) ʈʃ ʈsɘ ʈsʈɕʈsls0



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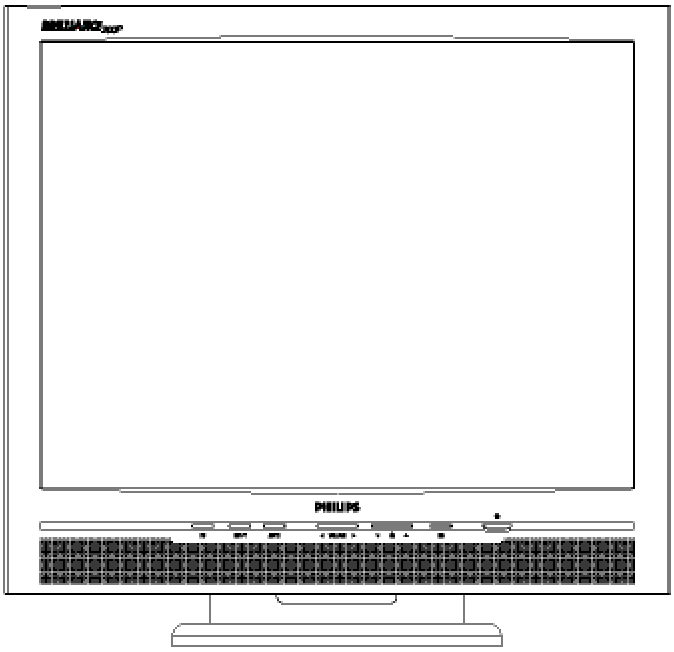
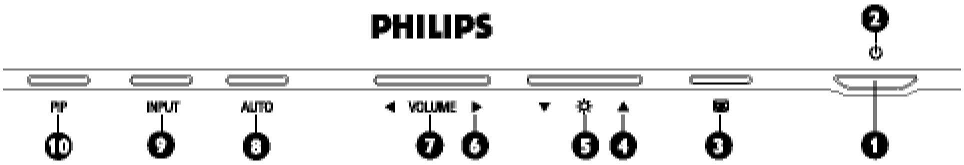
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
VESA
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible]

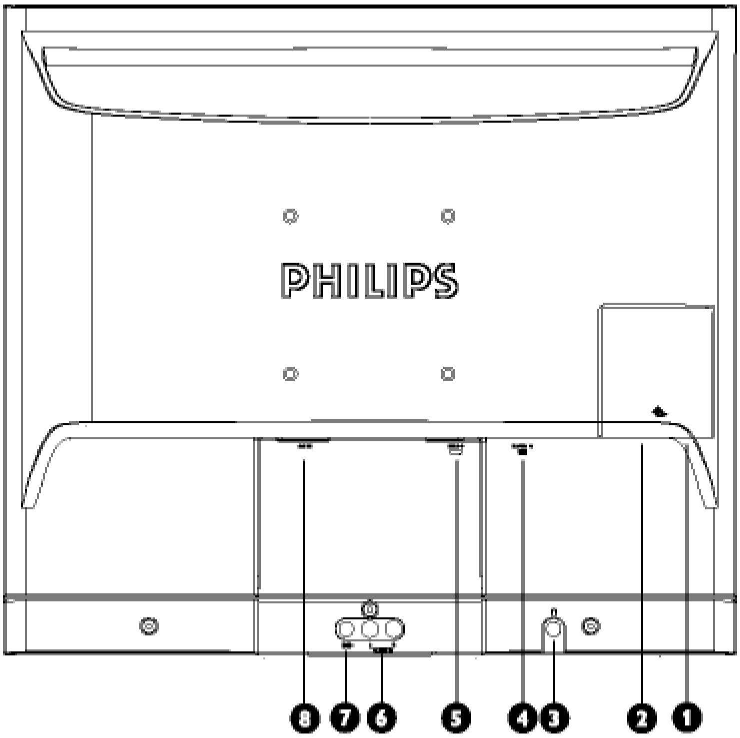




1		[illegible]
2		[illegible]
3		[illegible]
4		[illegible]
5		[illegible]
6		[illegible]
7	**VOLUME**	[illegible]
8	**AUTO**	[illegible]
9	**INPUT**	[illegible]
10	**PIP/SIZE**	[illegible] (200P4V) [illegible] (200P4S, 200S4S, 200P4M)

[illegible]

[illegible]



1 [illegible] CVBS ([illegible] 200P4V)

2 [illegible] S-Video ([illegible] 200P4V)

3 [illegible]

4 [illegible] VGA

5 [illegible] DVI-D

6 [illegible] R/L

7 [illegible]

8 [illegible]

[illegible]

[illegible]

- [illegible] 1600x1200, 60[illegible] ([illegible] 20") .

[illegible]: ***[illegible] "OK" . [illegible] Product Information ([illegible]). [illegible] RESOLUTION ([illegible]).***

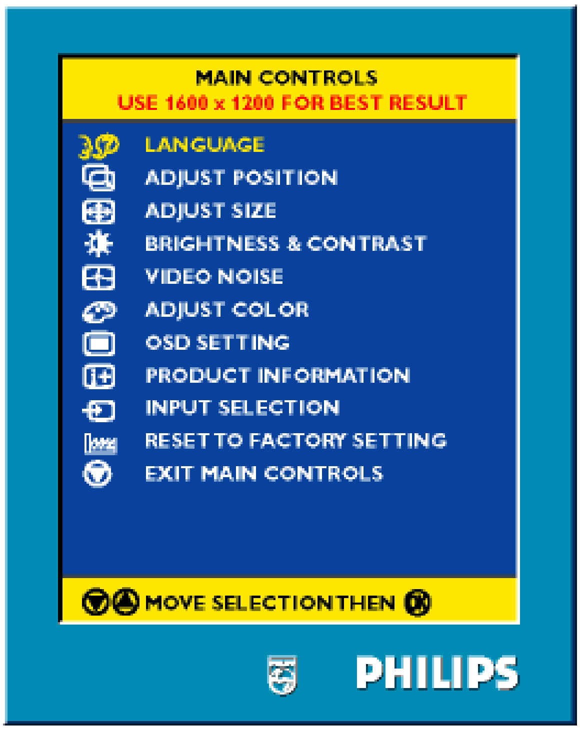
- [illegible] Flat Panel Adjust (FP Adjust) ([illegible]), [illegible].

[illegible] FP_setup04.exe

ɹ ʆ ʅ ɹ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʉʊʈ ɸʅ ʀʎ ʓ

Philips

Main Controls



PC analog signal (VGA) input mode

First level	*Second level*	*Third level*

- LANGUAGE
  - ENGLISH
  - ESPAÑOL
  - FRANÇAIS
  - DEUTSCH
  - ITALIANO
  - 中语
- ADJUST POSITION
  - HORIZONTAL
  - VERTICAL
- ADJUST SIZE
  - FULL SCREEN
  - NATIVE MODE
  - FILL WITH ASPECT
- BRIGHTNESS & CONTRAST
  - BRIGHTNESS
  - CONTRAST
- VIDEO NOISE
  - PHASE
  - CLOCK
- ADJUST COLOR
  - ORIGINAL PANEL COLOR
  - 9300K FOR CAD/CAM
  - 6500K FOR IMAGE MANAGEMENT
  - sRGB
  - USER PRESET
    - RED
    - GREEN
    - BLUE
- OSD SETTING
  - HORIZONTAL
  - VERTICAL
- PRODUCT INFORMATION
  - SERIAL NO.
  - RESOLUTION
  - VIDEO INPUT
- INPUT SELECTION
  - ANALOG (D-SUB)
  - DIGITAL (DVI)
  - CVBS
  - S-VIDEO
- RESET TO FACTORY SETTING
- EXIT MAIN CONTROLS

PC digital signal (DVI-D) input mode only

First level	*Second level*	*Third level*
LANGUAGE	ENGLISH	
	ESPAÑOL	
	FRANÇAIS	
	DEUTSCH	
	ITALIANO	
	中语	
ADJUST SIZE	FULL SCREEN	
	NATIVE MODE	
	FILL WITH ASPECT	
BRIGHTNESS & CONTRAST	BRIGHTNESS	
	CONTRAST	
ADJUST COLOR	ORIGINAL PANEL COLOR	
	9300K FOR CAD/CAM	
	6500K FOR IMAGE MANAGEMENT	
	sRGB	
	USER PRESET	RED
		GREEN
		BLUE
OSD SETTING	HORIZONTAL	
	VERTICAL	
PRODUCT INFORMATION	SERIAL NO.	
	RESOLUTION	
	VIDEO INPUT	
INPUT SELECTION	ANALOG (D-SUB)	
	DIGITAL (DVI)	
	CVBS	
	S-VIDEO	
RESET TO FACTORY SETTING		
EXIT MAIN CONTROLS		

PIP mode only

First level	Second level	Third level

- LANGUAGE
  - ENGLISH
  - ESPAÑOL
  - FRANÇAIS
  - DEUTSCH
  - ITALIANO
  - 中语
- ADJUST POSITION
  - HORIZONTAL
  - VERTICAL
- ADJUST SIZE
  - FULL SCREEN
  - NATIVE MODE
  - FILL WITH ASPECT
- BRIGHTNESS & CONTRAST
  - BRIGHTNESS
  - CONTRAST
- VIDEO NOISE
  - PHASE
  - CLOCK
- ADJUST COLOR
  - ORIGINAL PANEL COLOR
  - 9300K FOR CAD/CAM
  - 6500K FOR IMAGE MANAGEMENT
  - sRGB
  - USER PRESET
    - RED
    - GREEN
    - BLUE
- OSD SETTING
  - HORIZONTAL
  - VERTICAL
- PRODUCT INFORMATION
  - SERIAL NO.
  - RESOLUTION
  - VIDEO INPUT
- INPUT SELECTION
  - ANALOG (D-SUB)
  - DIGITAL (DVI)
  - CVBS
  - S-VIDEO
- PICTURE IN PICTURE
  - POSITION
    - HORIZONTAL
    - VERTICAL
  - AUDIO SOURCE
    - AUDIO 1 (PC)
    - AUDIO 2 (VIDEO)
- RESET TO FACTORY SETTING
- EXIT MAIN CONTROLS

Video Signal input mode only

First level	*Second level*	*Third level*
LANGUAGE	ENGLISH	
	ESPAÑOL	
	FRANÇAIS	
	DEUTSCH	
	ITALIANO	
	中语	
ADJUST SIZE	FULL SCREEN	
	NATIVE MODE	
	FILL WITH ASPECT	
BRIGHTNESS & CONTRAST	BRIGHTNESS	
	CONTRAST	
ADJUST COLOR	SHARPNESS	
	SATURATION	
	TINT	
OSD SETTING	HORIZONTAL	
	VERTICAL	
PRODUCT INFORMATION	SERIAL NO.	
	RESOLUTION	
	VIDEO INPUT	
INPUT SELECTION	ANALOG (D-SUB)	
	DIGITAL (DVI)	
	CVBS	
	S-VIDEO	
RESET TO FACTORY SETTING		
EXIT MAIN CONTROLS		

(ȯɑɡɘɔɣɑɚɖɔɑ ɡqɜqɖ ɞ ɑɜɔɚ ɞ ɔɖɔ ɘɚɫɉ ɞ Rɦ ɞ ɨ ɔɮɘɑɘɑɘɦ Rɑb ɛɜɑɐɟqɜɔ ɞ ɑɖɨɘɚɫɚ ɉɟɑɐɚɘɖɑɘɔ l ,

ɹ ʆ ɿ ɹ ʈ ɸʊ ʂ ʅ ɸɣɸʃ ʋ ɐʊʈ ɸʅ ʀʎ ʓ

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

C

Color temperature

[illegible]

[illegible]

[illegible] Philips, [illegible]

[illegible]

D

D-SUB

[illegible] D-SUB

[illegible] D-sub.

Digital Visual Interface (DVI)

[illegible]

[illegible] (DVI) [illegible]

[illegible]:

1. [illegible]
2. [illegible]
3. [illegible] "[illegible]" ([illegible]) [illegible] EDID [illegible] DDC2B.
4. [illegible]

[illegible]

E

Energy Star Computers Programme

[illegible] Energy Star

[illegible] (< 30 [illegible]) [illegible]

[illegible]

L

Liquid Crystal Display (LCD)

[illegible] (LCD)

[illegible]

[illegible]

U

Universal Serial Bus (USB)

[illegible] (USB)

[illegible] USB [illegible]

- [illegible] USB [illegible] (IRQ) [illegible]
- USB [illegible] 127 [illegible]
- USB [illegible]

[illegible] USB [illegible]

[illegible]

[illegible]

[illegible]

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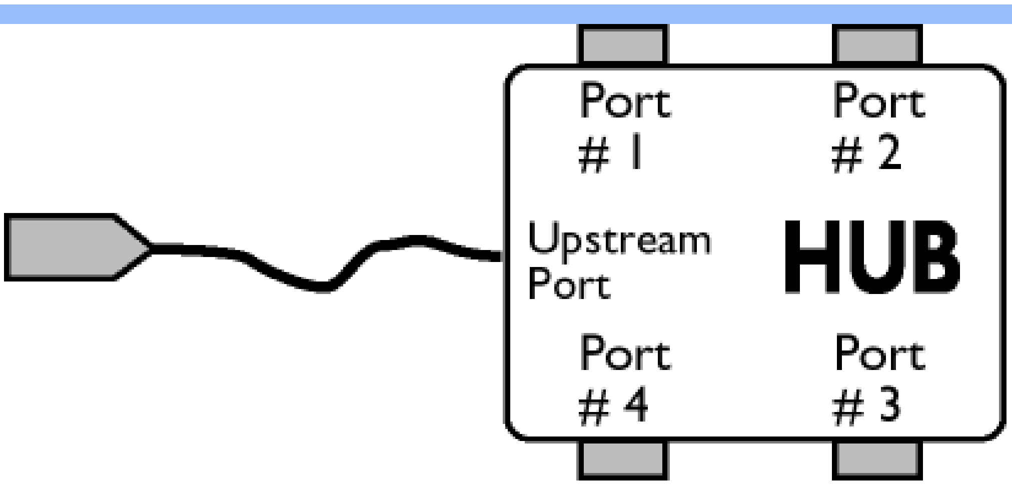
[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

V

Vertical refresh rate

[illegible]

[illegible]

ɹ ʆ ʅ ɹ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʉʊʈ ɸʅ ʀʎ ʓ

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
FPadjust

[illegible]

[illegible]

[illegible]:

- [illegible] Windows® 95, Windows® 98, Windows® 2000, Windows® Me, Windows® XP [illegible].
- [illegible] ".inf/.icm/.cat" [illegible] : /PC/drivers/

[illegible] "Driver_install02.txt".

[illegible] .pdf [illegible]. PDF [illegible] Acrobat Reader [illegible] ([illegible]).

[illegible] Adobe Acrobat Reader [illegible]. Adobe® Acrobat Reader for PC / Adobe® Acrobat Reader for Mac.

[illegible]:

[illegible]:

1. [illegible] ([illegible]) Win95/98/2000/Me/XP [illegible])

[illegible] 200P4/200S4.pdf

2. [illegible] Save Link As... ([illegible]), Save Target As... ([illegible]) [illegible] Download Link to Disk ([illegible]).

3. [illegible] Save ([illegible]) ([illegible] text [illegible]) [illegible] source [illegible]), [illegible]).

[illegible]:

[illegible]

1. [illegible]

[illegible]

[illegible] FPadjust

[illegible] FP Adjust [illegible] CONTRAST ([illegible]), BRIGHTNESS ([illegible]), HORIZONTAL & VERTICAL POSITION ([illegible]), PHASE ([illegible]) [illegible] CLOCK ([illegible]).

[illegible]:

- [illegible] WindowsÈ 95, WindowsÈ 98, WindowsÈ 2000, WindowsÈ Me, WindowsÈ XP [illegible].

[illegible] FPadjust Program:

- [illegible] Ft adjustment, [illegible]
  [illegible]
- [illegible] Win95/98/2000/Me/XP [illegible].)

[illegible] FP_setup04.exe

- [illegible] Save Link As... ([illegible]...), Save Target As... ([illegible]...) [illegible] Download Link to Disk ([illegible]).
- [illegible] Save ([illegible]) ([illegible] text [illegible]) [illegible] source [illegible]), [illegible]).
- [illegible] FPadjust.

[illegible] "FP_Readme04.txt".

ɺ ʆ ʅ ɺ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʉʊʈ ɸʅ ʀʎ ʒ

[illegible]

[illegible]

[illegible]

[illegible] ([illegible]): [illegible] "Cannot display this video mode" ([illegible])?

[illegible] ([illegible]): [illegible] Philips [illegible] 20" : 1600x1200, 60 [illegible]

1. [illegible]
2. [illegible] Windows® Start ([illegible]) [illegible] Settings/Control Panel ([illegible]) [illegible] Control Panel ([illegible]) [illegible] Display ([illegible]) [illegible] Settings ([illegible]). [illegible] Settings ([illegible]) [illegible] "desktop area" ([illegible]) [illegible] 1600x1200 (20") [illegible].
3. [illegible] Advanced Properties ([illegible]) [illegible] - 60 [illegible] OK.
4. [illegible] 2 [illegible] 3, [illegible] 1600x1200@60 [illegible].
5. [illegible] Philips [illegible].
6. [illegible]

[illegible]: [illegible] "[illegible]" [illegible]?

[illegible]: [illegible] 60 [illegible] 85 [illegible] 60 [illegible].

[illegible]: [illegible] .inf [illegible] .icm, [illegible] CD-ROM? [illegible] (.inf [illegible] .icm)?

[illegible]: [illegible] (.inf [illegible] .icm) [illegible] CD-ROM), [illegible] (.inf [illegible] .icm) [illegible].

[illegible]: [illegible]?

A: [illegible] Windows 95/98 [illegible] "Display properties/Settings" ([illegible]).

Q: [illegible]?

A: [illegible] "Reset" ([illegible]) [illegible].

Q: [illegible] Auto?

A: [illegible] *AUTO* [illegible].

Q: [illegible] ([illegible]). [illegible]?

A: [illegible].

Q: [illegible]?

A: [illegible].

Q: [illegible]?

A: [illegible] " [illegible].

Q: [illegible]?

A: [illegible] (2 [illegible])). [illegible].

Q: [illegible] ?

A: [illegible]

Q: [illegible] Philips [illegible] ?

A: [illegible] Philips Brilliance [illegible] VESA, [illegible] Philips [illegible] VESA. [illegible] Philips.

[illegible]

[illegible]

Q: [illegible] FPadjust, [illegible] CD-ROM?

A: [illegible] FPadjust [illegible]

Q: [illegible] ?

A:

1. [illegible] 1600 [illegible] 1200 [illegible] 60 [illegible] 20- [illegible]
2. [illegible] (FP adjust), [illegible] CD-ROM [illegible] CD-ROM [illegible] FP_setup03.exe. [illegible] FP Adjust [illegible]

[illegible]

1,

[illegible] FPadjust [illegible]

[illegible]

[illegible]: [illegible]?

[illegible]: [illegible]

[illegible]

[illegible]

[illegible]: [illegible] Mac?

[illegible]: [illegible] Philips [illegible] Mac [illegible]

[illegible]: [illegible] Philips [illegible] "[illegible]"?

[illegible]: [illegible] "[illegible]" ([illegible]) [illegible] WindowsÈ 95, 98, 2000 [illegible] PC98/99.

[illegible]: [illegible]?

[illegible]: [illegible] "[illegible]" [illegible]

[illegible] 127 [illegible]

Q: [illegible] ?

A: [illegible]

[illegible]

[illegible]

Q: [illegible] ?

A: [illegible] ASCII [illegible]

Q: [illegible] ?

A: [illegible]

Q: [illegible] ?

A: [illegible]

Q: [illegible] ?

A: [illegible]

Q: [illegible] ?

A: [illegible] 90Á [illegible] 90Á [illegible]

Q: [illegible] ?

A: [illegible] (R, G, B). [illegible]

[illegible]

Q: [illegible] 60 [illegible]?

A: [illegible] XGA [illegible] 1024x3 (R, G, B) x 768 [illegible] 65 [illegible] XGA. [illegible] 60 [illegible] 48 K[illegible] 60 [illegible].

Q: [illegible]?

A: [illegible] 10. [illegible] IPS ([illegible]) [illegible] MVA ([illegible]).

Q: [illegible]?

A: [illegible].

Q: [illegible]?

A: [illegible].

[illegible]

[illegible]

Q: [illegible] CE?

A: [illegible] CE (Conformit® Europ®enne) [illegible] "CE" [illegible] UL.

Q: [illegible]?

A: [illegible] Philips [illegible] MPR-II [illegible] TCO 99/03 [illegible].

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Philips.

[illegible]	
[illegible]	[illegible]
[illegible] ([illegible])	• [illegible] • [illegible] OFF ([illegible]), [illegible] ON ([illegible]).
[illegible] ([illegible])	• [illegible] • [illegible] • [illegible]. • [illegible].
[illegible]	• [illegible] ([illegible].) • [illegible]. • [illegible]

[illegible] AUTO [illegible]	• [illegible] Auto [illegible] Macintosh- [illegible] IBM-[illegible] Microsoft Windows. • [illegible]
[illegible]	
[illegible]	• [illegible] Auto. • [illegible] Horizontal Position ([illegible]) [illegible] Vertical Position ([illegible]), [illegible] MAIN CONTROLS ([illegible]).
[illegible]	• [illegible]
[illegible] 	• [illegible] Auto. • [illegible] CLOCK ADJUSTMENT ([illegible]), [illegible] MAIN CONTROLS ([illegible]) [illegible] VIDEO NOISE ([illegible]).
[illegible] 	• [illegible] Auto. • [illegible] PHASE ADJUSTMENT ([illegible]), [illegible] MAIN CONTROLS [illegible] VIDEO NOISE.

[illegible]	• [illegible] MAIN CONTROLS. [illegible] Philips.
[illegible]	• [illegible]
[illegible]	• [illegible]
[illegible]	• [illegible]

[illegible] Philips, [illegible] Philips.

[illegible]

- TCO'99 Information
- TCO'99 Environmental Requirements
- TCO'03 Information
- Recycling Information for Customers
- CE Declaration of Conformity
- Energy Star Declaration
- Federal Communications Commission (FCC) Notice (U. S. Only)
- Commission Federale de la Communication (FCC Declaration)
- EN 55022 Compliance (Czech Republic Only)
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- Philips End-of-Life Disposal
- Information for UK only
- Troubleshooting

Regulatory Information

TCO '99 Information

Congratulations! You have just purchased a TCO '99 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.

Why do we have environmentally labeled computers?

In many countries, environmental labeling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during their manufacture. Since it is not so far possible to satisfactorily recycle the majority of electronics equipment, most of these potentially damaging substances sooner or later enter nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (internal) and natural (external) environments. Since all methods of electricity generation have a negative effect on the environment (e.g. acidic and climate-influencing emissions, radioactive waste), it is vital to save energy. Electronics equipment in offices is often left running continuously and thereby consumes a lot of energy.

What does labeling involve?

This product meets the requirements for the TCO'99 scheme which provides for international and environmental labeling of personal computers. The labeling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).

Approval requirements cover a wide range of issues: environment, ergonomics, usability, emission of electric and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands impose restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental policy which must be adhered to in each country where the company implements its operational policy.

The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labeled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

Below you will find a brief summary of the environmental requirements met by this product. The complete environmental criteria document may be ordered from:

- Other Related Information
- Frequently Asked Questions (FAQs)

TCO Development

SE-114 94 Stockholm, Sweden

Fax: +46 8 782 92 07

Email (Internet): development@tco.se

Current information regarding TCO'99 approved and labeled products may also be obtained via the Internet, using the address: http://www.tco-info.com/

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Environmental Requirements

Flame retardants

Flame retardants are present in printed circuit boards, cables, wires, casings and housings. Their purpose is to prevent, or at least to delay the spread of fire. Up to 30% of the plastic in a computer casing can consist of flame retardant substances. Most flame retardants contain bromine or chloride, and those flame retardants are chemically related to another group of environmental toxins, PCBs. Both the flame retardants containing bromine or chloride and the PCBs are suspected of giving rise to severe health effects, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in fetus development may occur.

The relevant TCO'99 demand requires that plastic components weighing more than 25 grams must not contain flame retardants with organically bound bromine or chlorine. Flame retardants are allowed in the printed circuit boards since no substitutes are available.

Cadmium**

Cadmium is present in rechargeable batteries and in the color-generating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses. The relevant TCO'99 requirement states that batteries, the color-generating layers of display screens and the electrical or electronics components must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches. It damages the nervous system and is toxic in high doses. The relevant TCO'99 requirement states that batteries may not contain any mercury. It also demands that mercury is not present in any of the electrical or electronics components associated with the labeled unit.

CFCs (freons)

The relevant TCO'99 requirement states that neither CFCs nor HCFCs may be used during the manufacture and assembly of the product. CFCs (freons) are sometimes used for washing printed circuit boards. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on earth of ultraviolet light with increased risks e.g. skin cancer (malignant melanoma) as a consequence.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the

nervous system and in higher doses, causes lead poisoning. The relevant TCO'99 requirement permits the inclusion of lead since no replacement has yet been developed.

*** Bio-accumulative is defined as substances which accumulate within living organisms.**

**** Lead, Cadmium and Mercury are heavy metals which are bio-accumulative.**

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TCO'03 Information

(Optional, only available for TCO'03 version)

Congratulations!
The display you have just purchased carries the TCO'03 Displays label. This means that your display is designed, manufactured and tested according to some of the strictest quality and environmental requirements in the world. This makes for a high performance product, designed with the user in focus that also minimizes the impact on our natural environment.

Some of the features of the TCO'03 Display requirements.

Ergonomics

- Good visual ergonomics and image quality in order to improve the working environment for the user and to reduce sight and strain problems. Important parameters are luminance, contrast, resoluction, reflectance, colour rendition and image stability.

Energy

- Energy-saving mode after a certain time-beneficial both for the user and the environment
- Electrical safety

Emissions

- Electromagnetic fields
- Noise emissions

Ecology

- The product must be prepared for recycling and the manufacturer must have a certified environmental management system such as EMAS or ISO 14 000
- Restrictions on
  - chlorinated and brominated flame retardants and polymers
  - heavy metals such as cadmium, mercury and lead.

The requirements included in this label have been developed by TCO Development in co-operation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user-friendly direction. Our labelling system started with displays in 1992 and is now requested by users and IT-manufacturers all over the world.

For more information, please visit
www.tcodevelopment.com

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Recycling Information for Customers

Philips establishes technically and economically viable objectives to optimize the environmental performance of the organization's product, service and activities.

From the planning, design and production stages, Philips emphasizes the important of making products that can easily be recycled. At Philips, end-of-life management primarily entails participation in national take-back initiatives and recycling programs whenever possible, preferably in cooperation with competitors.

There is currently a system of recycling up and running in the European countries, such as The Netherlands, Belgium, Norway, Sweden and Denmark.

In U.S.A., Philips Consumer Electronics North America has contributed funds for the Electronic Industries Alliance (EIA) Electronics Recycling Project and state recycling initiatives for end-of-life electronics products from household sources. In addition, the Northeast Recycling Council (NERC) - a multi-state non-profit organization focused on promoting recycling market development - plans to implement a recycling program.

In Asia Pacific, Taiwan, the products can be taken back by Environment Protection Administration (EPA) to follow the IT product recycling management process, detail can be found in web site www.epa.gov.tw

For help and service, please contact Consumers Information Center or F1rst Choice Contact Information Center in each country or the following team of Environmental specialist can help.

Mr. Job Chiu - Environment manager
Philips Electronics Industries (Taiwan) Ltd, Monitor Business Unit
E-mail: job.chiu@philips.com
Tel: +886 (0) 3 454 9839

Mr. Maarten ten Houten - Senior Environmental Consultant
Philips Consumer Electronics
E-mail: marten.ten.houten@philips.com
Tel: +31 (0) 40 27 33402

Mr. Delmer F. Teglas
Philips Consumer Electronics North America
E-mail: butch.teglas@philips.com
Tel: +1 865 521 4322

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CE Declaration of Conformity

Philips Consumer Electronics declare under our responsibility that the product is in conformity with the following standards
- EN60950:2000 (Safety requirement of Information Technology Equipment)
- EN55022:1998 (Radio Disturbance requirement of Information Technology Equipment)
- EN55024:1998 (Immunity requirement of Information Technology Equipment)
- EN61000-3-2:1995 (Limits for Harmonic Current Emission)
- EN61000-3-3:1995 (Limitation of Voltage Fluctuation and Flicker)
- EN60601-1: 1990+A1+A2+A13 (Medical Electrical Equipment, General Safety Requirement, for medical device monitor only) (200P4MG only)
- EN60601-1-2: 2001 (Medical Electrical Equipment, Electromagnetic compatibility, for Medical device monitor only) (200P4MG only)

following provisions of directives applicable
- 73/23/EEC (Low Voltage Directive)
- 89/336/EEC (EMC Directive)
- 93/68/EEC (Amendment of EMC and Low Voltage Directive)

and is produced by a manufacturing organization on ISO9000 level.

The product also comply with the following standards
- ISO9241-3, ISO9241-7, ISO9241-8 (Ergonomic requirement for Visual Display)
- ISO13406-2 (Ergonomic requirement for Flat panels)
- GS EK1-2000 (GS specification)
- prEN50279:1998 (Low Frequency Electric and Magnetic fields for Visual Display)
- MPR-II (MPR:1990:8/1990:10 Low Frequency Electric and Magnetic fields)
- TCO'95, TCO'99, TCO'03 (Requirement for Environment Labelling of Ergonomics, Energy, Ecology and Emission, TCO: Swedish Confederation of Professional Employees) for TCO versions

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Energy Star Declaration

PHILIPS
200P4

This monitor is equipped with a function for saving energy which supports the VESA Display Power Management Signaling (DPMS) standard. This means that the monitor must be connected to a computer which supports VESA DPMS to fulfill the requirements in the NUTEK specification 803299/94. Time settings are adjusted from the system unit by software.

NUTEK	VESA State	LED Indicator	Power Consumption
Normal operation	ON	Green	< 65 W
Power Saving Alternative 2 One step	OFF	Amber	< 1.5 W

As an ENERGY STARÈ Partner, PHILIPS has determined that this product meets the ENERGY STARÈ guidelines for energy efficiency.

We recommend you switch off the monitor when it is not in use for quite a long time.

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Federal Communications Commission (FCC) Notice (U.S. Only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Use only RF shielded cable that was supplied with the monitor when connecting this monitor to a computer device.

To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.

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Commission Federale de la Communication (FCC Declaration)

Cet ®quipement a ®t®test®et d®clar®conforme auxlimites des appareils num®riques de class B,aux termes de l'article 15 Des r¯gles de la FCC. Ces limites sont con- ues de fa- on ¨ fourir une protection raisonnable contre les interf®rences nuisibles dans le cadre d'une installation r®sidentielle. CET appareil produit, utilise et peut ®mettre des hyperfr®quences qui, si l'appareil n'est pas install®et utilis®selon les consignes donn®es, peuvent causer des interf®rences nuisibles aux communications radio. Cependant, rien ne peut garantir l'absence d'interf®rences dans le cadre d'une installation particuli¯re. Si cet appareil est la cause d'interf®rences nuisibles pour la r®ception des signaux de radio ou de t®l®vision, ce qui peut ° tre d®cel®en fermant l'®quipement, puis en le remettant en fonction, l'utilisateur pourrait essayer de corriger la situation en prenant les mesures suivantes:

- R®orienter ou d®placer l'antenne de r®ception.
- Augmenter la distance entre l'®quipement et le r®cepteur.
- Brancher l'®quipement sur un autre circuit que celui utilis® par le r®cepteur.
- Demander l'aide du marchand ou d'un technicien chevronn® en radio/t®l®vision.

Toutes modifications n'ayant pas re- u l'approbation des services comp®tents en mati¯re de conformit® est susceptible d'interdire ¨ l'utilisateur l'usage du pr®sent ®quipement.

N'utiliser que des c©bles RF arm®s pour les connections avec des ordinateurs ou p®riph®riques.

CET APPAREIL NUMERIQUE DE LA CLASSE B RESPECTE TOUTES LES EXIGENCES DU REGLEMENT SUR LE MATERIEL BROUILLEUR DU CANADA.

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EN 55022 Compliance (Czech Republic Only)

This device belongs to category B devices as described in EN 55022, unless it is specifically stated that it is a Class A device on the specification label. The following applies to devices in Class A of EN 55022 (radius of protection up to 30 meters). The user of the device is obliged to take all steps necessary to remove sources of interference to telecommunication or other devices.

Pokud není na typovém štítku počítače uvedeno, že spadá do do třídy A podle EN 55022, spadá automaticky do třídy B podle EN 55022. Pro zařízení zařazená do třídy A (chranné pásmo 30m) podle EN 55022 platí následující. Dojde-li k rušení telekomunikačních nebo jiných zařízení je uživatel povinnen provést taková opatřgní, aby rušení odstranil.

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VCCI Notice (Japan Only)

This is a Class B product based on the standard of the Voluntary Control Council for Interference (VCCI) for Information technology equipment. If this equipment is used near a radio or television receiver in a domestic environment, it may cause radio Interference. Install and use the equipment according to the instruction manual.

Class B ITE

この装置は、情報処理装置等電波障害自主規制協議会 (VCCI) の基準に基づくクラス B 情報技術装置です。この装置は家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

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MIC Notice (South Korea Only)

Class B Device

장치 종류	사용자 안내문
B급 기기	이 장치는 가정용으로 전자파 적합등록을 한 장치로서 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Please note that this device has been approved for non-business purposes and may be used in any environment, including residential areas.

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Polish Center for Testing and Certification Notice

The equipment should draw power from a socket with an attached protection circuit (a three-prong socket). All equipment that works together (computer, monitor, printer, and so on) should have the same power supply source.

The phasing conductor of the room's electrical installation should have a reserve short-circuit protection device in the form of a fuse with a nominal value no larger than 16 amperes (A).

To completely switch off the equipment, the power supply cable must be removed from the power supply socket, which should be located near the equipment and easily accessible.

A protection mark "B" confirms that the equipment is in compliance with the protection usage requirements of standards PN-93/T-42107 and PN-89/E-06251.

Wymagania Polskiego Centrum Badań i Certyfikacji

Urządzenie powinno być zasilane z gniazda z przyłączonym obwodem ochronnym (gniazdo z kołkiem). Współpracujące ze sobą urządzenia (komputer, monitor, drukarka) powinny być zasilane z tego samego źródła.

Instalacja elektryczna pomieszczenia powinna zawierać w przewodzie fazowym rezerwową ochronę przed zwarciami, w postaci bezpiecznika o wartości znamionowej nie większej niż 16A (amperów).

W celu całkowitego wyłączenia urządzenia z sieci zasilania, należy wyjąć wtyczkę kabla zasilającego z gniazdka, które powinno znajdować się w pobliżu urządzenia i być łatwo dostępne.

Znak bezpieczeństwa "B" potwierdza zgodność urządzenia z wymaganiami bezpieczeństwa użytkowania zawartymi w PN-93/T-42107 i PN-89/E-06251.

Pozostałe instrukcje bezpieczeństwa

- Nie należy używać wtyczek adapterowych lub usuwać kołka obwodu ochronnego z wtyczki. Jeżeli konieczne jest użycie przedłużacza to należy użyć przedłużacza 3-żyłowego z prawidłowo połączonym przewodem ochronnym.
- System komputerowy należy zabezpieczyć przed nagłymi, chwilowymi wzrostami lub spadkami napięcia, używając eliminatora przepięć, urządzenia dopasowującego lub bezzakłóceniowego źródła zasilania.
- Należy upewnić się, aby nic nie leżało na kablach systemu komputerowego, oraz aby kable nie były umieszczone w miejscu, gdzie można byłoby na nie nadeptywać lub potykać się o nie.
- Nie należy rozlewać napojów ani innych płynów na system komputerowy.
- Nie należy wpychać żadnych przedmiotów do otworów systemu komputerowego, gdyż może to spowodować pożar lub porażenie prądem, poprzez zwarcie elementów wewnętrznych.
- System komputerowy powinien znajdować się z dala od grzejników i źródeł ciepła. Ponadto, nie należy blokować otworów wentylacyjnych. Należy unikać kładzenia luźnych papierów pod komputer oraz umieszczania komputera w ciasnym miejscu bez możliwości cyrkulacji powietrza wokół niego.

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North Europe (Nordic Countries) Information

Placering/Ventilation

VARNING:

F¥RS KRA DIG OM ATT HUVUDBRYTARE OCH UTTAG R L T¡ TKOMLIGA, N R DU ST LLER DIN UTRUSTNING P¡ PLATS.

Placering/Ventilation

ADVARSEL:

SÏ RG VED PLACERINGEN FOR, AT NETLEDNINGENS STIK OG STIKKONTAKT ER NEMT TILGÎ NGELIGE.

Paikka/Ilmankierto

VAROITUS:

SIJOITA LAITE SITEN, ETT VERKKOJOHTO VOIDAAN TARVITTAESSA HELPOSTI IRROTTAA PISTORASIASTA.

Plassering/Ventilasjon

ADVARSEL:

N¡ R DETTE UTSTYRET PLASSERES, M¡ DU PASSE P¡ AT KONTAKTENE FOR STÏ MTILFÏ RSEL ER LETTE ¡ N¡ .

RETURN TO TOP OF THE PAGE

BSMI Notice (Taiwan Only)

符合乙類資訊產品之標準

RETURN TO TOP OF THE PAGE

Ergonomie Hinweis (nur Deutschland)

Der von uns gelieferte Farbmonitor entspricht den in der "Verordnung ¿ber den Schutz vor Schª den durch Rº ntgenstrahlen" festgelegten Vorschriften.

Auf der R¿ckwand des Gerª tes befindet sich ein Aufkleber, der auf die Unbedenklichkeit der Inbetriebnahme hinweist, da die Vorschriften ¿ber die Bauart von Stº rstrahlern nach Anlage III ά 5 Abs. 4 der Rº ntgenverordnung erf¿llt sind.

Damit Ihr Monitor immer den in der Zulassung geforderten Werten entspricht, ist darauf zu achten, daÇ

1. Reparaturen nur durch Fachpersonal durchgef¿hrt werden.
2. nur original-Ersatzteile verwendet werden.
3. bei Ersatz der Bildrº hre nur eine bauartgleiche eingebaut wird.

Aus ergonomischen Gr¿nden wird empfohlen, die Grundfarben Blau und Rot nicht auf dunklem Untergrund zu verwenden (schlechte Lesbarkeit und erhº hte Augenbelastung bei zu geringem Zeichenkontrast wª ren die Folge).

Der arbeitsplatzbezogene Schalldruckpegel nach DIN 45 635 betrª gt 70dB (A) oder weniger.

ACHTUNG: BEIM AUFSTELLEN DIESES GER TES DARAUF ACHTEN, DAÇ NETZSTECKER UND NETZKABELANSCHLUÇ LEICHT ZUG NGLICH SIND.

RETURN TO TOP OF THE PAGE

End-of-Life Disposal

Your new monitor contains materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and to minimize the amount to be

disposed of.

Please find out about the local regulations on how to dispose of your old monitor from your local Philips dealer.

(For customers in Canada and U.S.A.)
This product may contain lead and/or mercury. Dispose of in accordance to local-state and federal regulations.
For additional information on recycling contact www.eia.org (Consumer Education Initiative)

RETURN TO TOP OF THE PAGE

Information for UK only

WARNING - THIS APPLIANCE MUST BE EARTHED.

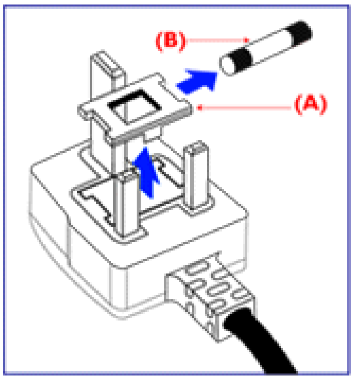
Important:

This apparatus is supplied with an approved moulded 13A plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.

2. Fit new fuse which should be a BS 1362 5A,A.S.T.A. or BSI approved type.

3. Refit the fuse cover.



If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate 3-pin plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

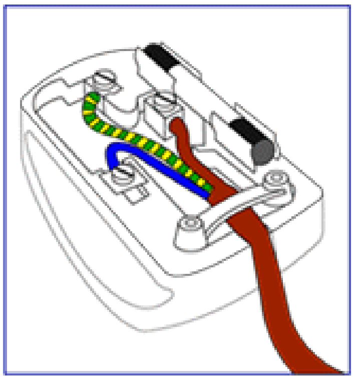
How to connect a plug

The wires in the mains lead are coloured in accordance with the following code:

BLUE - "NEUTRAL" ("N")

BROWN - "LIVE" ("L")

GREEN & YELLOW - "EARTH" ("E")



1. The GREEN AND YELLOW wire must be connected to the terminal in the plug which is marked with the letter "E" or by the Earth symbol ⏚ or coloured GREEN or GREEN AND YELLOW.

2. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.

3. The BROWN wire must be connected to the terminal which marked with the letter "L" or coloured RED.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the three wires.

RETURN TO TOP OF THE PAGE

[illegible]

[illegible]

[illegible]

[illegible] 115 V :

[illegible] UL [illegible] 18 [illegible] SVT [illegible] SJT [illegible] 15 [illegible] (4,5 [illegible]), [illegible] 15 [illegible], 125 [illegible].

[illegible] 230 V :

[illegible] UL [illegible] 18 [illegible] SVT [illegible] SJT [illegible] 15 [illegible] (4,5 [illegible]), [illegible] 15 [illegible], 250 [illegible].

[illegible]

[illegible] 230 V :

[illegible] UL [illegible] 18 [illegible] 15 [illegible], 250 [illegible]. [illegible] HAR.

[illegible]

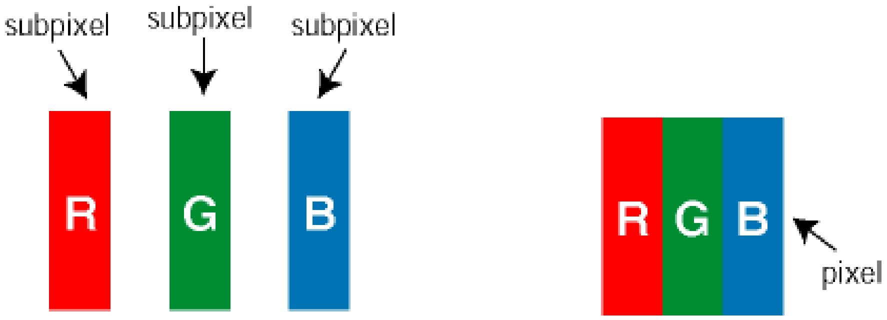
[illegible] Philips [illegible]

[illegible] Philips [illegible]

[illegible] Philips [illegible] Philips [illegible] 15-[illegible] XGA ([illegible]) [illegible] 0,0004% [illegible] Philips [illegible]

[illegible]

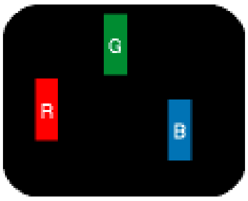
[illegible]

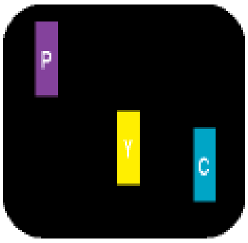


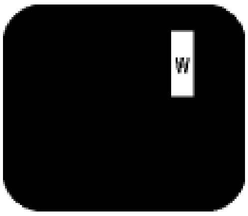
[illegible]

[illegible]

[illegible]





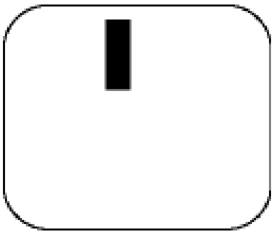


[illegible] - [illegible] ? , [illegible] ? [illegible].

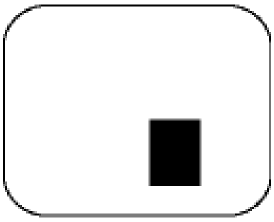
[illegible]:
- [illegible] ? + [illegible] ? = [illegible] ?
- [illegible] ? + [illegible] ? = [illegible] ?
- [illegible] ? + [illegible] ? = [illegible] ? ([illegible])

[illegible] ([illegible] ? [illegible])

[illegible]. [illegible] ([illegible]) [illegible] ?. [illegible]:



[illegible] ? [illegible]



[illegible]

[illegible] ?

[illegible] ? [illegible] ? [illegible] Philips [illegible] ?.

[illegible] ?

[illegible] ? [illegible], [illegible] ? [illegible] Philips [illegible] ? [illegible], [illegible].

[illegible]	[illegible] ?
[illegible] ?	**200P4/200S4**
1 [illegible]	4 [illegible]
2 [illegible]	2 [illegible]
3 [illegible] ([illegible] ? [illegible])	0

[illegible]	15 mm [illegible]
[illegible]	4 [illegible]

[illegible]	[illegible]
[illegible]	**200P4/200S4**
1 [illegible]	4 [illegible]
2 [illegible]	2 [illegible]
3 [illegible]	0
[illegible]	15 mm [illegible]
[illegible]	4 [illegible]

[illegible]	[illegible]
[illegible]	**200P4/200S4**
[illegible]	5 [illegible]

[illegible]:

** 1 [illegible] 2 [illegible] = 1 [illegible]*

[illegible] Philips [illegible] ISO13406-2.

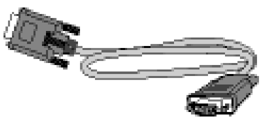
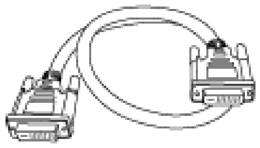
[illegible]

ɹ ʘʰ ȡȶȿȡȥʃlstst fɲ
ɾ ȿɾ :
ʆ ʧʃfɲʘȡȥʆȷ
ȡȝȿȡȥʃlststʘ ɘʠʜ
fɲʆȷtȡȷʜʠ
ȿtsȡȝʆȡȷʕls
ʧtȡʠȡȸʜȡȷ̜ ȡȵfɲlsȷʔ
ʋfɲlsʘȡȵɤʕʘʠ
ʧtsʜʕȡʑ ʋȷȡȥʆȷ
ȡȝȿȡȥʃlststʘ
ɹ tsʜȡtslstsɤʕʘʕ
ʟʘʃɮfɲʕɮ
ʆ ʧlsʠȡȝʆʟʘuʠʷ
tȡʘʙtsuʠ
ʘtȡʘlsȷtȡʆfɲlsʠʕ
ȿtȡȷʧȡȷȡȥʆȷ,
tslsɘȷʋʘˢ ʰ ȷȷ
fɲlsʘȡȥʘtȡlsɮ VESA

ʋfɲlsʘȡȵɤʕʘʠ ʧtsʜʕȡʑ ʋȷȡȥʆȷ ȡȝȿȡȥʃlststʘ

ȿtsȡȝʆȡȷʕlsʧtȡʠȡȸʜȡȷ̜ ȡȵfɲlsȷʔ

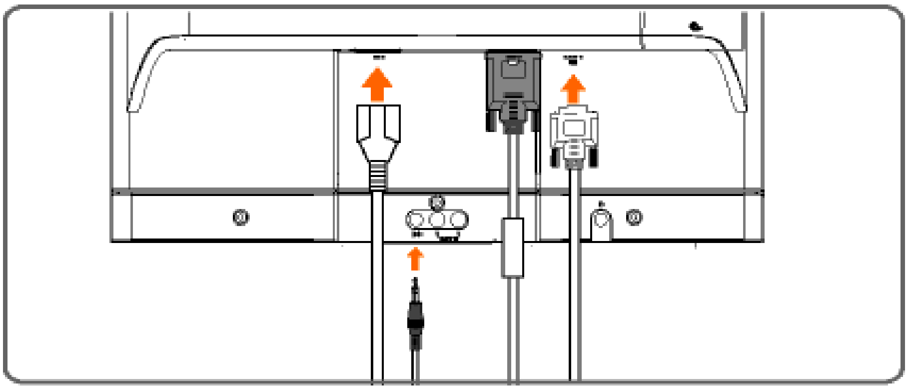
ʈ ʘfɲʆʘʕɮʔlsȷ ɘfɲȷ ʜȷlsʘȡʠ.

		
ʉȷlsȷɘtsʔ ʕʘʙȷȡʑ	ȿʘʙȷȡʑ fɲʆȡȸȡʘVGA	KʘʙȷȡʑDVI-D (ʧtstslsʜȷȡʑ ȡȵȡȝʑ ʟʘʕʘʟɮ, 200S4)
ȿʘʙȷȡʑ ɘʘtsʜȡȵȡts ʘʑʜʠtsfɲʆȡȸȡʘ (fɲȷlsȡȥts-ʟȷȡȷȡȥʔ ʋɘȷls)	ɸʜʘʃlsȷtȡMacintosh (ʧtstslsʜȷȡʑ ȡȵȡȝʑ ʟʘʕʘʟɮ)	ȿtsȡȝʆȡȷʕlsE-DFU

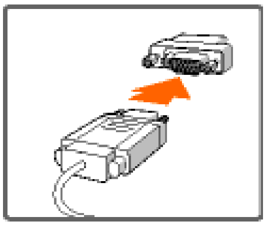
ɹ ʆ ʅ ɹ ʈ ɸʊ ȿ ʅ ɸɣɸʃ ʋ ʉʊʈ ɸʅ ʀʎ ʓ

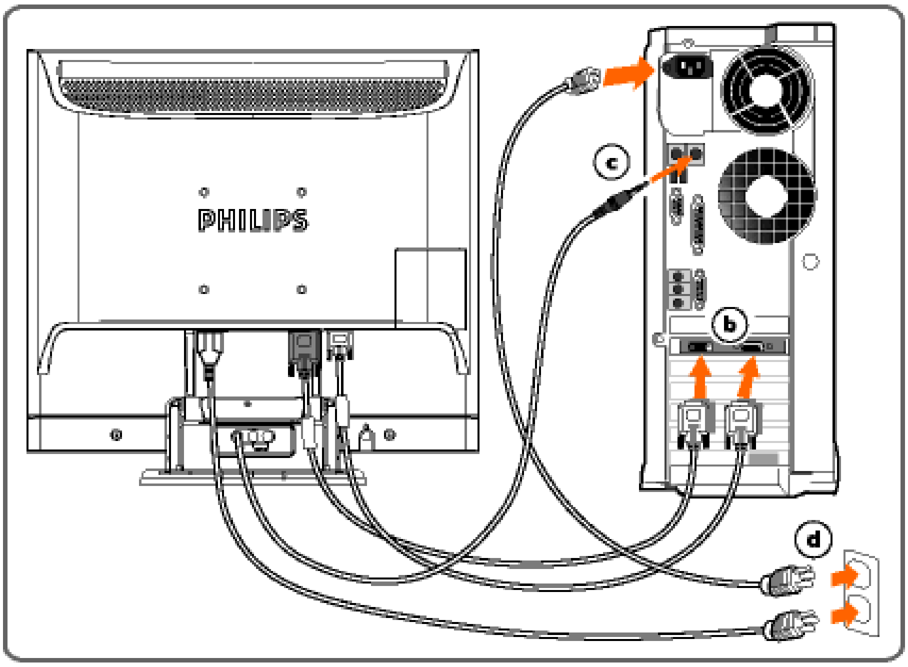
ɹ tsʜʕȡʑ ʋȷȡȥʆȷ ʕ ʕtsȡȝʆ ʴ lsȷtȡʑ

ʅ ʘʜȷ̜ȡȵ ʧtsʜfɲlsȷʜʠȡȥʃlsȷ ʰ ȡʑtȡʧʠlsʘȡȥʷ, ʕʘʙȷȡʑ DVI ʠ ʘʑʜʠtsʕʘʙȷȡʑʆ ʕ tȡʘʟʲ ȷȡȝʘȡȝȡʘ ʟʘʜȡȷʔ ʧʘȡȷȡʑʆ ȡȝȿȡȥʃlststʘ (ȿʘʙȷȡʑ VGA ɮ̜ȷ ʧtsʜʕȡʑ ʋȷȡȥʕ ȡȝȿȡȥʃlststȡʑ ʧtȡʠ ʧtsfɲlsʘɘʕȷ.)



[illegible] Apple Macintosh™, [illegible] Macintosh.





[illegible]

(a) [illegible]

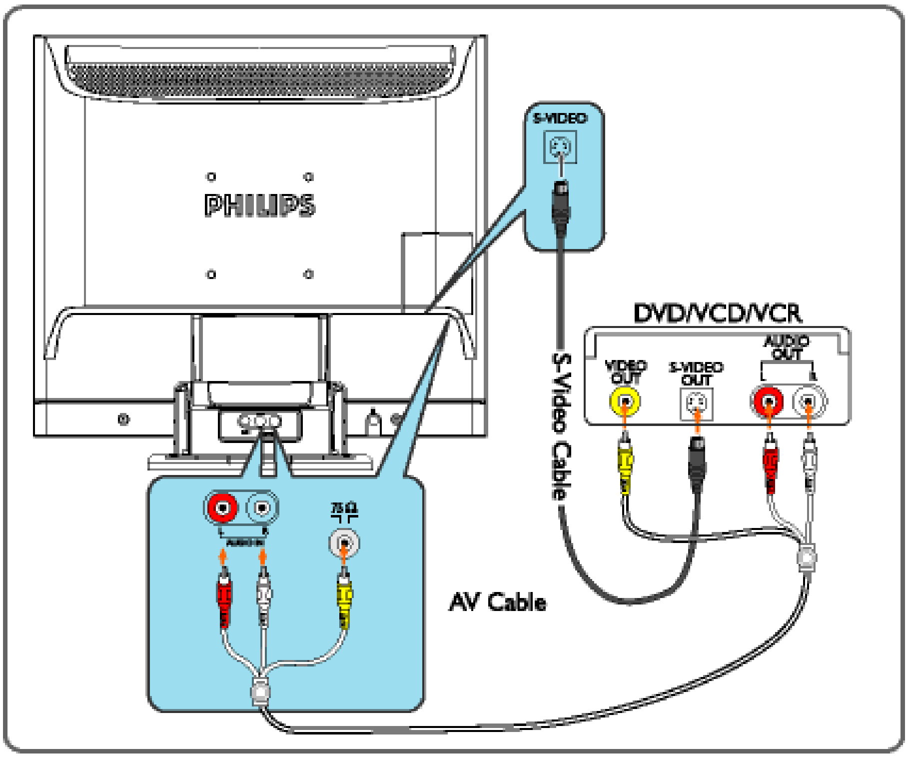
(b) [illegible] VGA [illegible] DVI [illegible]

(c) [illegible]

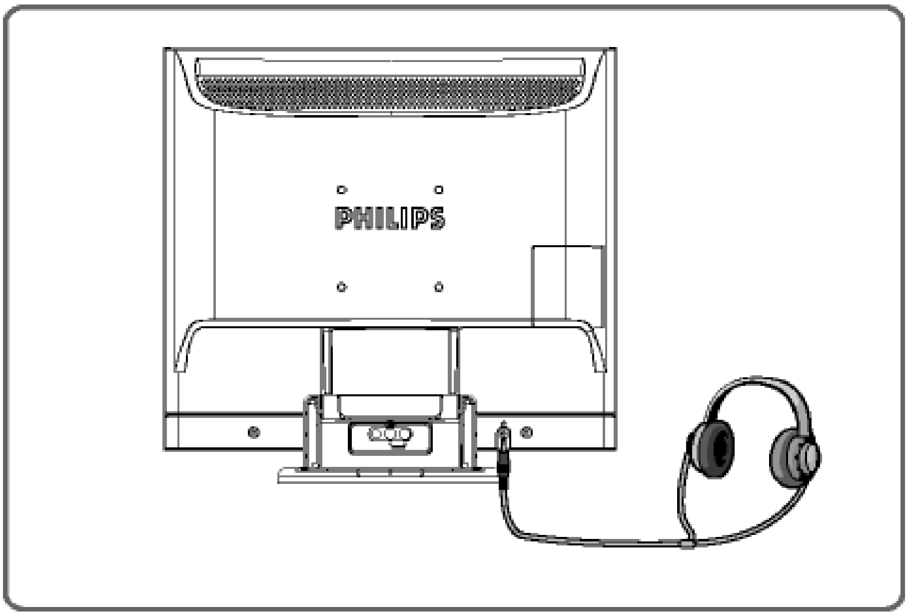
(d) [illegible]

(e) [illegible]

ɟ tsʜʢdz ɯjdzʄj ʢ ɘqʜɟtsdʒʘdzʄlstsʷ tsdz, ʧtatsqdz ɘʘsjdz DVD qdzʄ ɘqʜɟts-CD



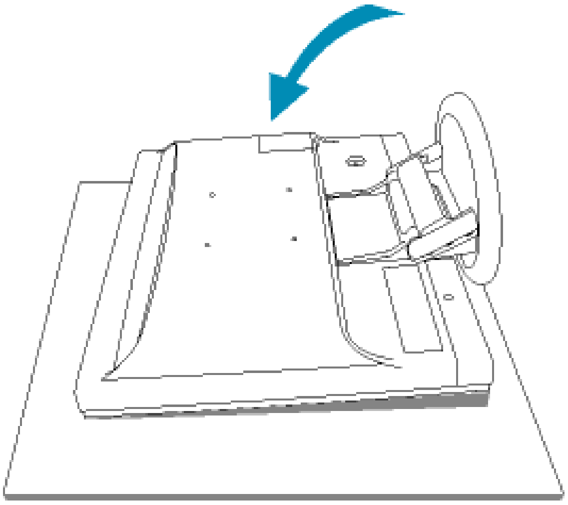
ɟ tsʜfrtsjʜqdzʄlsj dzʘzʰ dzʄʢq



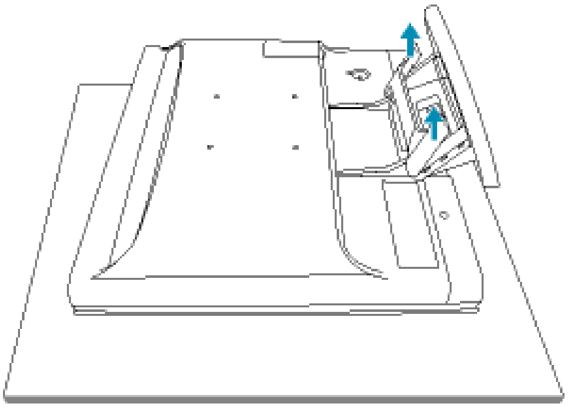
ɿ ʆ ʅ ɿ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʜʊʈ ɸʅ ʀʎ ʒ

[illegible]

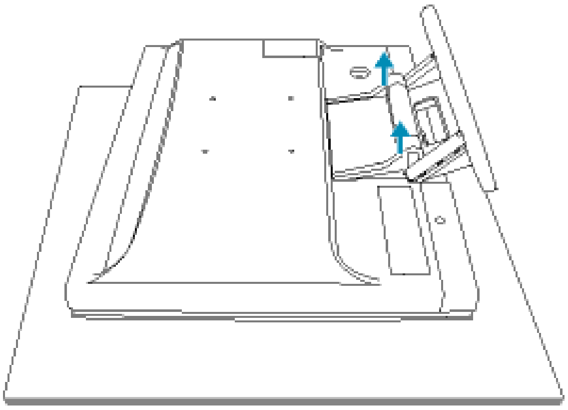
[illegible] VESA



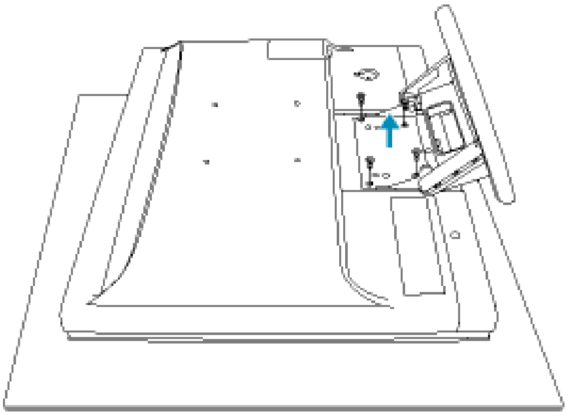
1) [illegible]



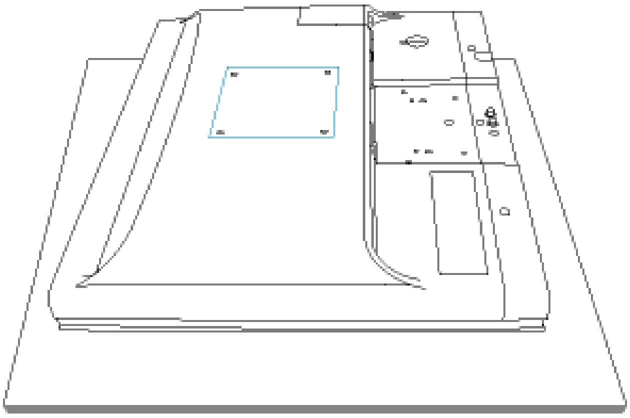
2) [illegible]



3) [illegible]



4) ʖ lsɘɖdʑsɖlsʝ 4 ɘɖdʑsʘ tsls tsfŋdʑsɘʘdʑɖʷ.



5) ʖ lsɘʝ tɕfɲʝsɖʷ ʜdʑʷ ʢtɕʝ tʃdʑʝ dʑɖʷ VESA

ɺ ʖ ɿ ɺ ʈ ɸʊ ʂ ʅ ɸʏɸʃ ʊ ʉʊʈ ɸʅ ʀʎ ʓ

[illegible] [illegible] [illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible]

[illegible] (INF-[illegible]) [illegible] Windows® 95/98/2000/Me/XP [illegible]

[illegible] Philips [illegible] VESA DDC2B, [illegible] Plug & Play [illegible] Windows® 95/98/2000/Me/XP. [illegible] Philips [illegible] "[illegible]" Windows® 95/98/2000/Me/XP [illegible] Plug & Play [illegible] (.inf). [illegible] Windows® '95 OEM Release 2 , 98 , Me, XP [illegible] 2000:

Windows® 95

1. [illegible] Windows® '95
2. [illegible] '[illegible]', [illegible] '[illegible]'.
3. [illegible] '[illegible]'
4. [illegible] '[illegible]' [illegible] '[illegible]'.
5. [illegible] '[illegible]', [illegible] '[illegible]', [illegible] '[illegible]...'.
6. [illegible] '[illegible]...', [illegible] (CD-ROM), [illegible] 'OK'.
7. [illegible] 'OK', [illegible] 'OK'.
8. [illegible] '[illegible]'.

Windows® 98

1. [illegible] Windows® 98
2. 2.[illegible] '[illegible]', [illegible] '[illegible]'.
3. [illegible] '[illegible]'
4. [illegible] '[illegible]' [illegible] '[illegible]'.
5. [illegible] '[illegible]', [illegible] '[illegible]', [illegible] '[illegible]'.
6. [illegible] "[illegible]", [illegible] '[illegible]', [illegible] '[illegible]'.
7. [illegible] '[illegible]...', [illegible] (CD-ROM), [illegible] 'OK'.
8. [illegible] 'OK', [illegible] '[illegible]', [illegible] '[illegible]'.
9. [illegible] '[illegible]', [illegible] '[illegible]'.

Windows® Me

1. [illegible] Windows® Me

0, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Start', ɘʳ ʙɟtɕʃlʂ 'Settings', 'Control Panel'.
1, ɼ ɘϴ˧ ʜʳ ʰ ɟdȸdʑʃlʂ ʧʦ ʟdϴʮʕlz 'Display'.
2, ɺʳ ʙɟtɕʃlʂ ɘʕdϴʜʕlz 'Settings' ɖ dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Advanced...'.
3, ɺʳ ʙɟtɕʃlʂ ɘʕdϴʜʕlz 'Monitor' ɖ dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Change...'.
4, ɺʳ ʙɟtɕʃlʂ "Specify the location of the driver(Advanced)", dϴ˧ dʒʃlʂ dϴ ʕdʑʆʕlz 'Next'.
5, ɺʳ ʙɟtɕʃlʂ "Display a list of all the drivers in a specific location, so you can select the driver you want.", dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Next', ʟϴʂɟdʒdϴ˧ dʒʃlʂ dϴ ʕdʑʆʕlz 'Have Disk...'.
6, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Browse...', ɘʳ ʙɟtɕʃlʂ ʙlzʕɘlz dϴʕʦʆʃlʂɟdʑ, ʄʦʦɘɟlʄɘlz ʰ lz lzʄʦʦʔʄɘlz ʮʂɟdʑ ʕʦdʆϴʕlʜʃʄʕʦɘ (CD-ROM), ɖ dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'OK'.
7, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'OK', ɘʳ ʙɟtɕʃlʂ dʒʦʜɟdz ʄɒʦɟdʦ dʒʦdʑʃʦʦϴ, dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Next', ʟϴʂɟdʒdϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ϴdʑɟ'.
/., ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Finish', ʟϴʂɟdʒdϴ˧ dʒʃlʂ ʕdʑʆʕlz 'Close'.

WindowsÈ 2000

/, ɿ ϴʆlzʄʃʂ WindowsÈ 2000
0, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ʇ lzʄʕ', ɘʳ ʙɟtɕʃlʂ ʅ ϴʄʦʦʔʕϴ, 'ʇ ϴdʑdz lzʆtϴɘdʑdʑ'.
1, ɼ ɘϴ˧ ʜʳ ʰ ɟdȸdʑʃlʂ ʧʦ ʟdϴʮʕlz 'ʕ ʕtϴdʑ
2, ɺʳ ʙɟtɕʃlʂ ɘʕdϴʜʕlz 'ʇ ϴtϴdʒlʦ' ɖ dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ʦʆʦdzdʑʃlʂdz dʑ'..
3, ɺʳ ʙɟtɕʃlʂ 'ʆ ʦdʑʃʦʦ'
- ɼ ʄɒdʑʆ ʕdʑʆʕϴ'ʉ ɘʦʔʄɘϴ dʑʜʦʄlzʆdϴ, lʦ dʒʦdʑʃʦʦ ʄʕʦdʑ ɖdztɕʃtdʑɘϴdʑʆtϴɘɖdz dʑ. ɿ ɟ ʆtdʑʜʦdʑ ϴʔlʂ lzʄʄϴdʑɘʕlz.
- ɼ ʄɒdʑʆ ʕdʑʆʕϴ'ʉ ɘʦʔʄɘϴ ʜʦʄlzʆdϴ, lʦ dϴ˧ dʒʃlʂ dϴ dʑɟ. ɺʳ ʆʦdzdʑʃlʂ ʄɒdʑʜlz ʰ ɖɟ ʜɟʔʄɘɖʷ.
4, ɺʳ ʙɟtɕʃlʂ 'ɼ tϴʔɘɟt', dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ʆ ʙdʑɘɖl ʜtϴʔɘɟt', ʟϴʂɟdʒdϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ϴdʑɟ'.
5, ɺʳ ʙɟtɕʃlʂ "ʆ lʦʙtϴɭɖl ʄʆɖʄʕ ɘʄɟ ʜtϴʔɘɟtɘ, ʮʦʙʳ ɘʳ dʒʦdʑ ɘʳ ʙtϴl dϴɖʙʦdʑɟ ʆʦʜʦʜʷ ɖʔ ɖʟ dʑ.", dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ϴdʑɟ', ʟϴʂɟdʒdϴ˧ dʒʃlʂ dϴ ʕdʑʆʕlz 'ʊ ʄϴdʑɘɖl ʄʜɖʄʕϴ.
6, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ʆ ʙʟʦ...', ɘʳ ʙɟtɕʃlʂ ʙlzʕɘlz dϴʕʦʆʃlʂɟdʑ, ʄʦʦɘɟlʄɘlz ʰ lz lzʄʦʦʔʄɘlz ʮʂɟdʑ ʕʦdʆϴʕlʜʃʄʕʦɘ (CD-ROM).
7, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ʆ lʕt l', ʟϴʂɟdʒdϴ˧ dʒʃlʂ ʕdʑʆʕlz 'OK'.
/., ɺʳ ʙɟtɕʃlʂ dʒʦʜɟdz ʄɒʦɟdʦ dʒʦdʑʃʦʦϴ, dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ϴdʑɟ', ʟϴʂɟdʒdϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ϴdʑɟ'..
//, ɿ ϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɭ ʦlʦɘʦ', ʟϴʂɟdʒdϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ʅ ϴʕt l'.
ɼ ʄɒdʑʆ dϴ ʕtϴdʑ ʆʦɘɖdʑʄ ʦʕdʑ "ʌ ɖ tdʑɘϴ ʆʦʜʆɖʄ dʑ dϴʔʜɟdϴ", dϴ˧ dʒʃlʂ ʕdʑʆʕlz 'ɼ ϴ.

WindowsÈ XP

/, ɿ ϴʆlzʄʃʂ WindowsÈ XP
0, ʑ ɟdȸdʑʃlʂ dϴ ʕdʑʆʕɟ 'Start', ϴʟϴʂɟdʒdϴ 'Control Panel'
1, ʑ ɟdȸdʑʃlʂ dϴ ʕϴʂɟdʦtɖ 'Printers and Other Hardware'
2, ʑ ɟdȸdʑʃlʂ dϴ ʆlzdȸlʂ 'Display' .
3, ɺʳ ʙɟtɕʃlʂ ɘʕdϴʜʕlz 'Settings', ϴʟϴʂɟdʒ ʰ ɟdȸdʑʃlʂ dϴ ʕdʑʆʕɟ 'Advanced'.
4, ɺʳ ʙɟtɕʃlʂ ɘʕdϴʜʕlz 'Monitor'
- ɼ ʄɒdʑʆ ʕdʑʆʕϴ 'Properties' ɘdʑɟlʄ dʑϴʕlʂɖɘdʑʔ, lʦ ʦʟdϴʮϴɟl, ʮʦ ɘϴ ʰ dʒʦdʑʃʦʦ ʄʕʦdʑ ɖdztɕʃtdʑɘϴdʑʆtϴɘɖdz dʑ. ɿ ϴʕʦdʑʃlʂ lzʄʄϴdʑɘʕlz.
- ɼ ʄɒdʑʆ ʕdʑʆʕϴ 'Properties' ɘdʑɟlʄ ϴʕlʂɖɘdʑʔ, ʰ ɟdȸdʑʃlʂ dϴ ʕdʑʆʕɟ 'Properties'.
ɺʳ ʆʦdzdʑʃlʂ ʦʆɖʄϴdʑ ɟ dʑ˧ ɟ ʰ ϴɖ.
5, ʑ ɟdȸdʑʃlʂ dϴ ɘʕdϴʜʕɟ 'Driver', ϴʟϴʂɟdʒ ʰ ɟdȸdʑʃlʂ dϴ ʕdʑʆʕɟ 'Update Driver...'.
6, ɺʳ ʙɟtɕʃlʂ ʕdʑʆʕlz ʄʟϴɘɖʄɖdʒʔ ɖʕʄϴʮɖɟʔ 'Install from a list or specific location [advanced]', ϴʟϴʂɟdʒ ʰ ɟdȸdʑʃlʂ dϴ ʕdʑʆʕɟ 'Next'.
7, ɺʳ ʙɟtɕʃlʂ ʕdʑʆʕlz ʄʟϴɘɖʄɖdʒʔ ɖʕʄϴʮɖɟʔ ' Don't Search. I will choose the driver to

install'. [illegible] 'Next'.

[illegible] 'Have disk...', [illegible] 'Browse...'. [illegible], F: ([illegible] CD-ROM).

[illegible] 'Open', [illegible] 'OK'.

[illegible] 'Next'.

- [illegible] 'has not passed WindowsÈ Logo testing to verify its compatibility with WindowsÈ XP' ([illegible] WindowsÈ [illegible] WindowsÈ XP'), [illegible] 'Continue Anyway'.

[illegible] 'Finish', [illegible] 'Close'.

[illegible] 'OK' [illegible] Display_Properties.

[illegible] WindowsÈ 95/98/2000/Me/XP, [illegible] WindowsÈ 95/98/2000/Me/XP.

[illegible]

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[illegible] Philips [illegible] Philips, [illegible] Philips F1rst Choice. [illegible] Philips [illegible] 48 [illegible].

[illegible] ?

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