

**Philips LCD Monitor Electronic User's Manual**[Home](#)[Техника безопасности, поиск  
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LCD Monitor  
**190V6**









התאמת המכשיר למתח הרשת: יש לוודא שהמתח הרשת מתאים למתח המכשיר. אם המתח הרשת גבוה מ-250V, יש להשתמש במתאם מתח.



⚡ ⚠️  $I \neq 0$   $\Sigma r \neq 0$ : במהלך ההתאמה, יש לוודא שהמתח הרשת אינו גבוה מ-250V. אם המתח הרשת גבוה מ-250V, יש להשתמש במתאם מתח.



🖐️ ⚠️  $V \neq 0$   $\Sigma r \neq 0$ : במהלך ההתאמה, יש לוודא שהמתח הרשת אינו גבוה מ-250V. אם המתח הרשת גבוה מ-250V, יש להשתמש במתאם מתח.



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$$V \approx V - \Sigma r \leq r \Sigma \mid \Sigma \geq r \mid r - \Sigma r \neq \mid =$$

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המתח הרשת אינו גבוה מ-250V. אם המתח הרשת גבוה מ-250V, יש להשתמש במתאם מתח.

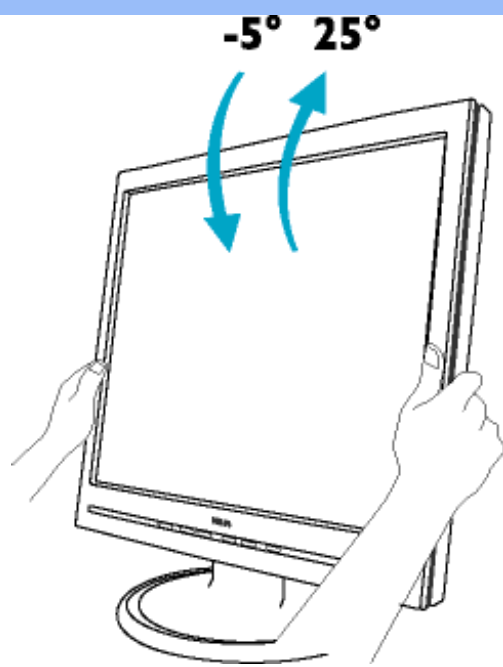






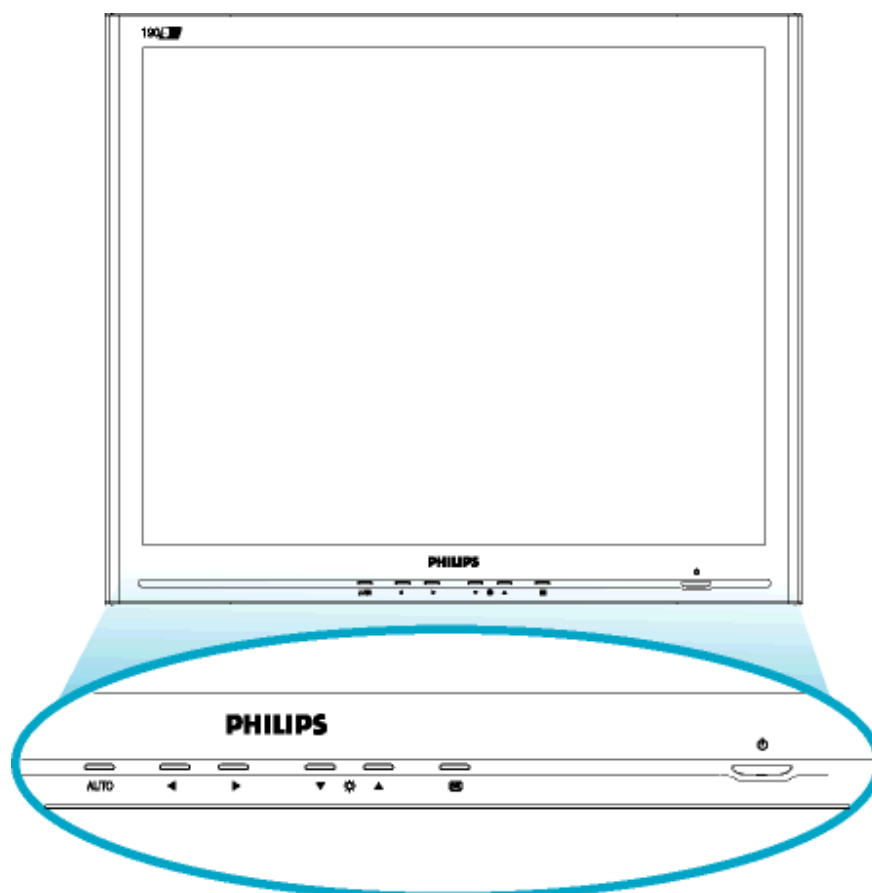






$\sqrt{|\approx \sqrt{-\Sigma r \leq r-\Sigma-\Sigma \geq 1} | \neg \Sigma r \neq \vdash =$

לכל  $n \in \mathbb{N}$  נגדיר  $f_n(x) = \frac{1}{n} \sin nx$ . נראה כי  $f_n$  מתכנסת נקודתית ל-0, אך לא מתכנסת במידות.



**AUTO**

[illegible]

"BRIGHTNESS ( $\frac{1}{\sqrt{2}} \sqrt{I_x^2 + I_y^2}$ ).  $\frac{1}{\sqrt{2}} \sqrt{I_x^2 + I_y^2} \approx \frac{1}{\sqrt{2}} \sqrt{I_x^2 + I_y^2}$  (BRIGHTNESS).



 OK
 




[illegible]

התקן, והוא יבצע את כל הפעולות הנדרשות כדי להבטיח את אבטחת המידע. התקן יבצע את כל הפעולות הנדרשות כדי להבטיח את אבטחת המידע. התקן יבצע את כל הפעולות הנדרשות כדי להבטיח את אבטחת המידע.

$$\sqrt{\cdot} \models \neg \sum r \leq r \text{ iff } \sum r \neq \cdot$$

- ተቃራኒ የሚሆኑትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡



የታችኛው የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡  
 ይህ የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡  
 ይህ የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡  
 ይህ የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡

- ለቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡  
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 ይህ የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡  
 ይህ የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡

የቅርንጫፍ ስራዎች ለማግኘት የሚያስፈልጉትን ሁሉም የፍጥነት ስራዎች ለማግኘት 1280x1024, 60፡፡  
 FP\_Setup4.3.exe

$$\sqrt{1-\sum_{i=1}^n p_i^2} \leq \sum_{i=1}^n p_i^2 \leq \sqrt{1-\sum_{i=1}^n p_i^2} \quad | \quad \sum_{i=1}^n p_i^2 \neq 1$$

$\frac{1}{2}$   $\frac{1}{3}$   $\frac{1}{4}$   $\frac{1}{5}$   $\frac{1}{6}$   $\frac{1}{7}$   $\frac{1}{8}$   $\frac{1}{9}$   $\frac{1}{10}$   $\frac{1}{11}$   $\frac{1}{12}$   $\frac{1}{13}$   $\frac{1}{14}$   $\frac{1}{15}$   $\frac{1}{16}$   $\frac{1}{17}$   $\frac{1}{18}$   $\frac{1}{19}$   $\frac{1}{20}$   $\frac{1}{21}$   $\frac{1}{22}$   $\frac{1}{23}$   $\frac{1}{24}$   $\frac{1}{25}$   $\frac{1}{26}$   $\frac{1}{27}$   $\frac{1}{28}$   $\frac{1}{29}$   $\frac{1}{30}$   $\frac{1}{31}$   $\frac{1}{32}$   $\frac{1}{33}$   $\frac{1}{34}$   $\frac{1}{35}$   $\frac{1}{36}$   $\frac{1}{37}$   $\frac{1}{38}$   $\frac{1}{39}$   $\frac{1}{40}$   $\frac{1}{41}$   $\frac{1}{42}$   $\frac{1}{43}$   $\frac{1}{44}$   $\frac{1}{45}$   $\frac{1}{46}$   $\frac{1}{47}$   $\frac{1}{48}$   $\frac{1}{49}$   $\frac{1}{50}$   $\frac{1}{51}$   $\frac{1}{52}$   $\frac{1}{53}$   $\frac{1}{54}$   $\frac{1}{55}$   $\frac{1}{56}$   $\frac{1}{57}$   $\frac{1}{58}$   $\frac{1}{59}$   $\frac{1}{60}$   $\frac{1}{61}$   $\frac{1}{62}$   $\frac{1}{63}$   $\frac{1}{64}$   $\frac{1}{65}$   $\frac{1}{66}$   $\frac{1}{67}$   $\frac{1}{68}$   $\frac{1}{69}$   $\frac{1}{70}$   $\frac{1}{71}$   $\frac{1}{72}$   $\frac{1}{73}$   $\frac{1}{74}$   $\frac{1}{75}$   $\frac{1}{76}$   $\frac{1}{77}$   $\frac{1}{78}$   $\frac{1}{79}$   $\frac{1}{80}$   $\frac{1}{81}$   $\frac{1}{82}$   $\frac{1}{83}$   $\frac{1}{84}$   $\frac{1}{85}$   $\frac{1}{86}$   $\frac{1}{87}$   $\frac{1}{88}$   $\frac{1}{89}$   $\frac{1}{90}$   $\frac{1}{91}$   $\frac{1}{92}$   $\frac{1}{93}$   $\frac{1}{94}$   $\frac{1}{95}$   $\frac{1}{96}$   $\frac{1}{97}$   $\frac{1}{98}$   $\frac{1}{99}$   $\frac{1}{100}$



**MONITOR SETUP** **PHILIPS**

- ⏮ Exit
- ☼ Brightness & Contrast
- ⦿ Color
- ⌂ Position
- ⚙ More Settings
- ⏮ Reset

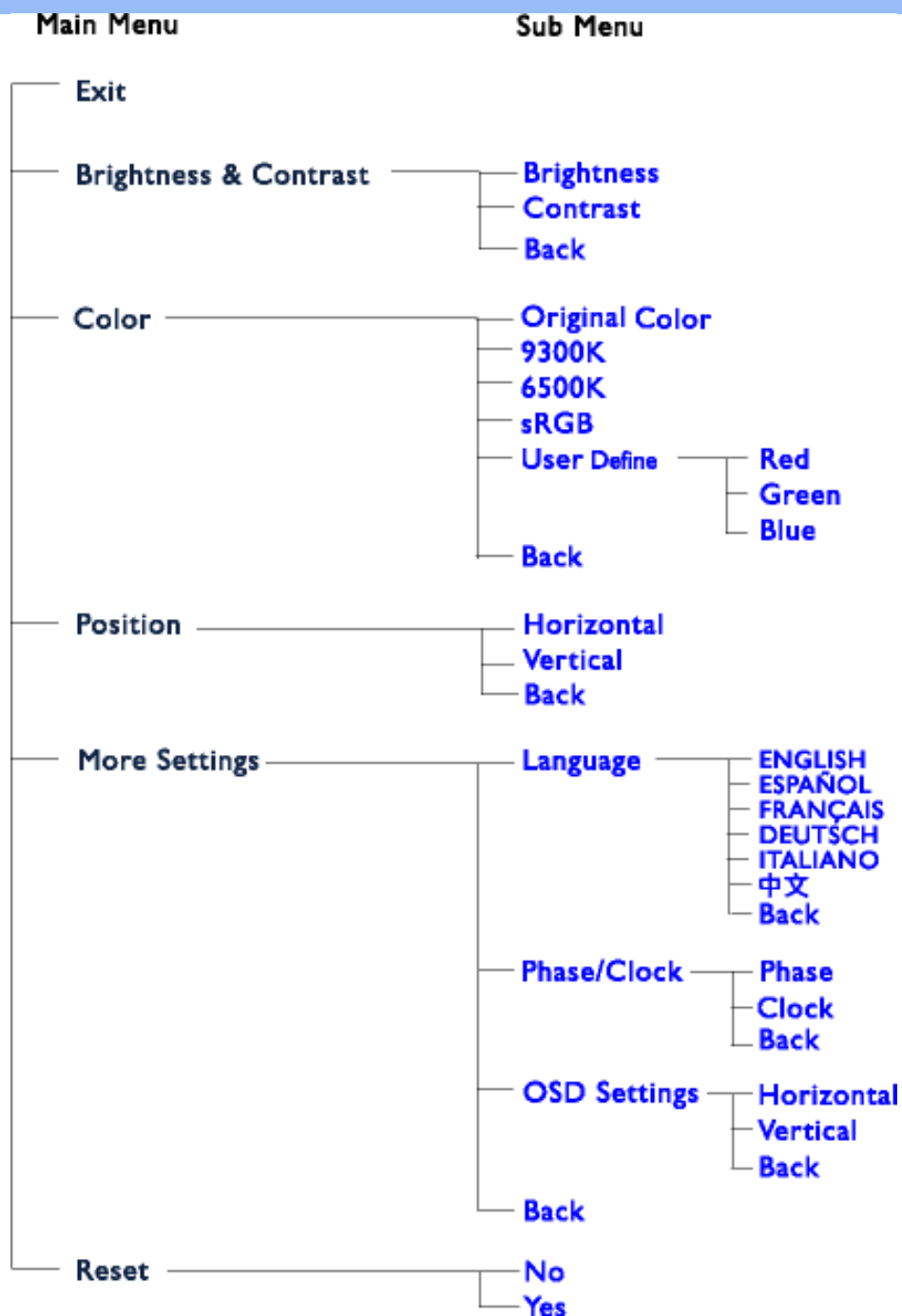
Serial No.:  
BZ 116067  
1280 X 1024@60Hz

▲▼ to Move, [Enter] to Confirm

[illegible]

$$\neg \int \approx \neg \sum \int \leq \neg \sum \int \geq \neg \int \neq \vdash =$$





sRGB ̃

≠
 
 sRGB
 
 sRGB-Philips,

J
 
 sRGB
 
 sRGB

L
 
 OK
 
 Color (
 
 OK. ≠
 
 sRGB.

SRGB 6500K.

$$\sqrt{f} \approx \sqrt{1 - \sum r_i^2} \quad r_i = \sum_j r_{ij} \quad | \quad r_i \neq 1$$

$\int \frac{1}{\sqrt{1-x^2}} dx = \arcsin x + C$

$$\sqrt{-n} \neq \sqrt{n} \quad \mid \quad \sqrt{\sum_{i=1}^n x_i^2} = \sqrt{\sum_{i=1}^n x_i^2} \quad \mid \quad \sqrt{\sum_{i=1}^n x_i^2} = \sqrt{\sum_{i=1}^n x_i^2} \quad \mid \quad \sqrt{\sum_{i=1}^n x_i^2} = \sqrt{\sum_{i=1}^n x_i^2}$$

$$\approx \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}}$$

$$\sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2}$$

$$\geq \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}}$$

$$\mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2}$$

$$\neq \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2}$$

$$\sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}}$$

$$\sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}} \quad \mid \quad \sum_{i=1}^n \sum_{j=1}^n \sum_{k=1}^n \frac{1}{\sqrt{1-x^2}}$$

$$\mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2} \quad \mid \quad \sqrt{1-x^2}$$

A

תחנת הרכבת תל אביב-יפו היא תחנת הרכבת המרכזית ביותר במחוז תל אביב-יפו, ומשמשת כ-1.5 מיליון נוסעים בשבוע. תחנת הרכבת תל אביב-יפו היא תחנת הרכבת המרכזית ביותר במחוז תל אביב-יפו, ומשמשת כ-1.5 מיליון נוסעים בשבוע. תחנת הרכבת תל אביב-יפו היא תחנת הרכבת המרכזית ביותר במחוז תל אביב-יפו, ומשמשת כ-1.5 מיליון נוסעים בשבוע.

$$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} e^{-t^2} dt = 1$$

$$\sqrt{\Gamma} \approx \sqrt{-\sum \Gamma \leq -\Gamma \mid \sum \geq \Gamma} \quad \mid \quad \Gamma - \sum \Gamma \neq \vdash =$$

**B**

C

Figure 1. Schematic representation of the experimental design. The first part of the experiment consisted of a 10-min familiarization period. The second part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The third part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The fourth part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The fifth part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The sixth part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The seventh part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The eighth part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The ninth part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period. The tenth part consisted of 10 trials, each with a 10-min familiarization period, a 10-min test period, and a 10-min rest period.

$\frac{1}{n} \sum_{i=1}^n \left( \frac{\partial L(\theta)}{\partial \theta_i} \right)^2 = \frac{1}{n} \sum_{i=1}^n \left( \frac{\partial L(\theta)}{\partial \theta_i} \right)^2$

[illegible]

$\sqrt{\lambda_{\text{max}}}$  2400Å, 9300Å  
 6504Å, 6500Å

$$\forall r \approx \forall -\sum r \leq r \vee \sum \neg \mid \neg \sum r \neq \vdash =$$



התהליך של יצירת תמונה דיגיטלית מתבצע באמצעות סריקה של תמונה אנלוגית. הסריקה מתבצעת על ידי סורק, המעביר את התמונה לאמצעי דיגיטלי. התהליך כולל גם תיקון שגיאות וקידוד התמונה.

$$\sqrt{I} \approx \sqrt{-\sum r \leq r - \sum I \sum \geq \gamma} \mid \Gamma - \sum r \neq \mid =$$

## G

### Gamma (מקדם ה-γ)

המקדם גמא (Gamma) מודד את היחס בין הבהירות האנלוגית לבהירות הדיגיטלית. הוא משפיע על הניגודיות של התמונה. גמא נמוך יותר יגרום לתמונה להיות בהירה יותר, בעוד שגמא גבוה יותר יגרום לתמונה להיות כהה יותר.

### Grayscale (צבעי אפור)

צבעי אפור (Grayscale) מייצגים את הבהירות של כל פיקסל בתמונה. ישנם 256 סטופים של אפור, מהשחור (0) עד לבן (255). הצבעים האפורים נוצרים על ידי שילוב של צבעי R.G.B. (Red, Green, Blue) באופן שווה. הנוסחה לחישוב ערך האפור היא:  $2^8 = 256$ . כל פיקסל בצבעי אפור מורכב מ-8 סיביות בינאריות. הנוסחה לחישוב מספר הפיקסלים בצבעי אפור היא:  $256 \times 256 \times 256 = 16,777,216$ .

$$\sqrt{I} \approx \sqrt{-\sum r \leq r - \sum I \sum \geq \gamma} \mid \Gamma - \sum r \neq \mid =$$

## H

### Hue (צבע)

הצבע (Hue) מייצג את הספקטרום של הצבעים. הוא מודד את המיקום של הצבע על הספקטרום. הצבעים נוצרים על ידי שילוב של צבעי R.G.B. באופן שונה. הצבעים נוצרים על ידי שילוב של צבעי R.G.B. באופן שונה. הצבעים נוצרים על ידי שילוב של צבעי R.G.B. באופן שונה.

$$\sqrt{I} \approx \sqrt{-\sum r \leq r - \sum I \sum \geq \gamma} \mid \Gamma - \sum r \neq \mid =$$

## I

### IPS (In Plane Switching - תא שיתוף מישורי)



$$\forall r \approx \forall - \sum r \leq r \quad \neg \sum \neg \mid \sum \geq \neg \quad \mid \quad \neg \sum r \neq \vdash =$$

$$\forall r \approx \forall r - \sum r \leq r - \sum \mid \sum \geq r \mid \mid \neg \sum r \neq \mid =$$

sRGB  $\tilde{n}$  

Figure 1: A diagram illustrating the process of color calibration. It shows a color bar with various color patches. The top row is labeled 'sRGB' and the bottom row is labeled 'sRGB'. The diagram shows the mapping of colors from the sRGB space to a target color space, with a color bar indicating the range of colors.

OK, Color (sRGB).

| Model        | Performance (sRGB) |
|--------------|--------------------|
| VGG          | ~0.85              |
| ResNet       | ~0.90              |
| DenseNet     | ~0.95              |
| EfficientNet | ~0.98              |

6500K.

$$\sqrt{r} \approx \sqrt{r} - \sum_{r \leq r} \sum_{\Sigma \geq \gamma} |r - \Sigma| \neq \sqrt{r}$$

T

**TFT** (  $\pi$  )

(a-Si)  $\int \leq$

$$\sqrt{r} \approx \sqrt{r} - \sum_{r \leq r} \sum_{\Sigma \geq \gamma} |r - \Sigma| \neq \sqrt{r}$$

U

**Universal Serial Bus (USB)**

(  $\gamma$  )

"  $\leq$  .  $\gamma$  )

- $\gamma$  )
- $\gamma$  )
- $\gamma$  )

"





$$\sqrt{r} \approx \sqrt{-\sum \Gamma \leq \Gamma \sum \Gamma \geq \Gamma} \mid \Gamma \sum \Gamma \neq \vdash =$$





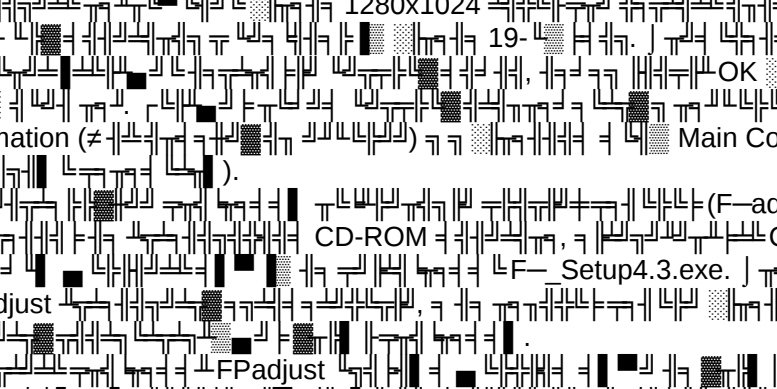
$$\forall (\approx \vee \neg \Sigma \Gamma \leq \neg \Sigma \vdash \Sigma \geq \gamma \mid \neg \Sigma \neg \neq \vdash =$$



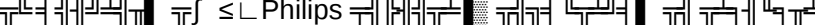




$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

1.  1280x1024 19- OK Product Information (≠ Main Contols (F-adjust), CD-ROM, F-Setup4.3.exe, FP Adjust, FPadjust, √.

$$\forall \varphi \approx \forall r \left( \sum r \leq r \rightarrow \sum \neg \varphi \geq r \right) \quad | \quad \neg \sum r \neq \vdash =$$



✓:   $\leq$   Philips  Plug-and-Play?







✓:  $\int_{\mathbb{R}^n} f(x) dx \leq \int_{\mathbb{R}^n} g(x) dx$  ?

⌈ :  $\Delta$   $\leq$  Philips MPR-II TCO 99/03

$\int_{\mathbb{R}^n} f(x) dx \leq \int_{\mathbb{R}^n} g(x) dx$  .

$$\sqrt{r} \approx \sqrt{r - \sum_{i=1}^n r_i^2} \mid r - \sum_{i=1}^n r_i^2 \neq 0$$

Phillips.



- 
- 

- $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i} = \frac{1}{\frac{1}{n} \sum_{i=1}^n x_i}$ ,  $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i^2} = \frac{1}{\left(\frac{1}{n} \sum_{i=1}^n x_i\right)^2}$ .
- $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i} = \frac{1}{\frac{1}{n} \sum_{i=1}^n x_i}$ ,  $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i^2} = \frac{1}{\left(\frac{1}{n} \sum_{i=1}^n x_i\right)^2}$ .
- $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i} = \frac{1}{\frac{1}{n} \sum_{i=1}^n x_i}$ ,  $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i^2} = \frac{1}{\left(\frac{1}{n} \sum_{i=1}^n x_i\right)^2}$ .
- $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i} = \frac{1}{\frac{1}{n} \sum_{i=1}^n x_i}$ ,  $\frac{1}{n} \sum_{i=1}^n \frac{1}{x_i^2} = \frac{1}{\left(\frac{1}{n} \sum_{i=1}^n x_i\right)^2}$ .

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard 10-minute rest period, while the experimental group received a 10-minute rest period followed by a 10-minute rest period. The subjects were then divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard 10-minute rest period, while the experimental group received a 10-minute rest period followed by a 10-minute rest period.







- TCO'99 Information
- TCO'99 Environmental Requirements
- TCO'03 Information
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## 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:

- Information for UK only
- Troubleshooting
- 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](mailto: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, resolution, 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](http://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](http://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. WY Chen- Environment manager  
Philips Multimedia Flat Display  
E-mail: [w.y.chen@philips.com](mailto:w.y.chen@philips.com)  
Tel: +886 (0) 3 222 6791

Mr. Maarten ten Houten - Senior Environmental Consultant  
Philips Consumer Electronics  
E-mail: [marten.ten.houten@philips.com](mailto: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](mailto:butch.teglas@philips.com)  
Tel: +1 865 521 4322

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## Waste Electrical and Electronic Equipment-WEEE

Attention users in European Union private households



This marking on the product or on its packaging illustrates that, under European Directive 2002/96/EG governing used electrical and electronic appliances, this product may not be disposed of with normal household waste. You are responsible for disposal of this equipment through a designated waste electrical and electronic equipment collection. To determine the locations for dropping off such waste electrical and electronic, contact your local government office, the waste disposal organization that serves your household or the store at which you purchased the product.

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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

- EN60950-1:2001 (Safety requirement of Information Technology Equipment)
- EN55022:1998 (Radio Disturbance requirement of Information Technology Equipment)
- EN55024:1998 (Immunity requirement of Information Technology Equipment)
- EN61000-3-2:2000 (Limits for Harmonic Current Emission)
- EN61000-3-3:1995 (Limitation of Voltage Fluctuation and Flicker)

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 CRT Monitor)
- ISO13406-2 (Ergonomic requirement for Flat Panel Display)
- 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'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 190V6FB**

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 (Active) | Green | < 34 W (typ.) |
| Power Saving<br>Alternative 2<br>One step | OFF (Sleep) | Amber | < 1 W         |
|                                           | Switch Off  | Off   | < 1 W         |



As an ENERGY STAR<sup>®</sup> Partner, PHILIPS has determined that this product meets the ENERGY STAR<sup>®</sup> guidelines for energy efficiency.



We recommend you switch off the monitor when it is not in use for 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 équipement a été testé et déclaré conforme aux limites des appareils numériques de classe B, aux termes de l'article 15 Des règles de la FCC. Ces limites sont conçues de façon à fournir une protection raisonnable contre les interférences nuisibles dans le cadre d'une installation résidentielle. Cet appareil produit, utilise et peut émettre des hyperfréquences qui, si l'appareil n'est pas installé et utilisé selon les consignes données, peuvent causer des interférences nuisibles aux communications radio. Cependant, rien ne peut garantir l'absence d'interférences dans le cadre d'une installation particulière. Si cet appareil est la cause d'interférences nuisibles pour la réception des signaux de radio ou de télévision, ce qui peut être dû à cet équipement, puis en le remettant en fonction, l'utilisateur pourrait essayer de corriger la situation en prenant les mesures suivantes:

- Reorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'équipement et le récepteur.
- Brancher l'équipement sur un autre circuit que celui utilisé par le récepteur.
- Demander l'aide du marchand ou d'un technicien chevronné en radio/télévision.



Toutes modifications n'ayant pas reçu l'approbation des services compétents en matière de conformité est susceptible d'interdire à l'utilisateur l'usage du présent équipement.

N'utiliser que des câbles RF armés pour les connections avec des ordinateurs ou périphériques.

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 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 povinen provést taková opatření, 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 bezzakłóceńowego 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 luznych 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:

För RSj KRA DIG OM ATT HUVUDBRYTARE OCH UTTAG i R Lj TϕTKOMLIGA, Nj R DU STj LLER DIN UTRUSTNING PϕPLATS.

Placering/Ventilation

### ADVARSEL:

SÑRG VED PLACERINGEN FOR, AT NETLEDNINGENS STIK OG STIKKONTAKT ER NEMT TILGØ NGELIGE.

Paikka/Ilmankierto

### VAROITUS:

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

## Plassering/Ventilasjon

### ADVARSEL:

NØR DETTE UTSTYRET PLASSERES, MØ DU PASSE PØ AT KONTAKTENE FOR STØMTILFØRSEL ER LETTE Ø NØ.

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### BSMI Notice (Taiwan Only)

符合乙類資訊產品之標準

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### Ergonomie Hinweis (nur Deutschland)

Der von uns gelieferte Farbmonitor entspricht den in der "Verordnung Über den Schutz vor Schädigungen durch Röntgenstrahlen" festgelegten Vorschriften.

Auf der Rückwand des Gerätes befindet sich ein Aufkleber, der auf die Unbedenklichkeit der Inbetriebnahme hinweist, da die Vorschriften Über die Bauart von Strahlern nach Anlage III 5 Abs. 4 der Röntgenverordnung erfüllt sind.

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

1. Reparaturen nur durch Fachpersonal durchgeführt werden.
2. nur original-Ersatzteile verwendet werden.
3. bei Ersatz der Bildröhre nur eine bauartgleiche eingebaut wird.

Aus ergonomischen Gründen wird empfohlen, die Grundfarben Blau und Rot nicht auf dunklem Untergrund zu verwenden (schlechte Lesbarkeit und erhöhte Augenbelastung bei zu geringem Zeichenkontrast wären die Folge).

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



**ACHTUNG: BEIM AUFSTELLEN DIESES GERÄTES DARAUF ACHTEN, DAß NETZSTECKER UND NETZKABELANSCHLÜßE LEICHT ZUGÄNGLICH SIND.**

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### 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](http://www.eia.org) (Consumer Education Initiative)

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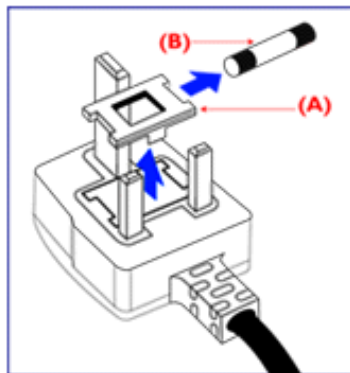
**Information for UK only**

**WARNING - THIS APPLIANCE MUST BE GROUNDING.**

**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.

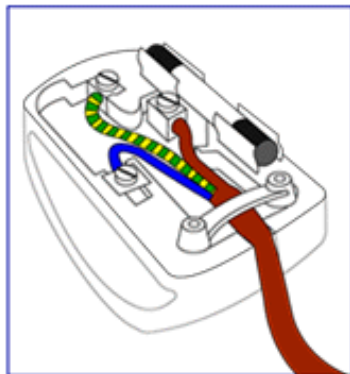
**How to connect a plug**

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

BLUE - "NEUTRAL" ("N")

BROWN - "LIVE" ("L")

GREEN & YELLOW - "GROUND" ("G")



1. The GREEN AND YELLOW wire must be connected to the terminal in the plug which is marked with the letter "G" or by the Ground 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.

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Philips

Philips

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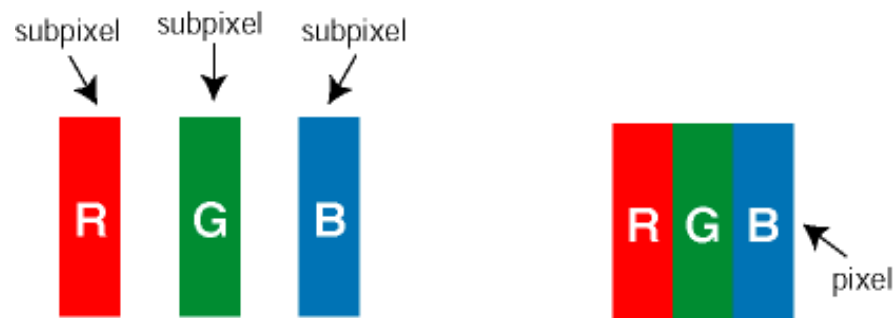
Philips

XGA ( )

0,0004%

Philips

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100









Musical score for a string quartet, featuring four staves with various musical notations including notes, rests, and dynamic markings.



1. The first chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C). The second chart shows the white point (W). The third chart shows the black point (K).

2. The second chart shows the primary colors (P, Y, C) and the secondary colors (R, G, B). The third chart shows the white point (W).

3. The third chart shows the white point (W) and the black point (K). The fourth chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C).



4. The fourth chart shows the white point (W) and the black point (K). The fifth chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C).

5. The fifth chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C). The sixth chart shows the white point (W) and the black point (K).

6. The sixth chart shows the white point (W) and the black point (K). The seventh chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C).

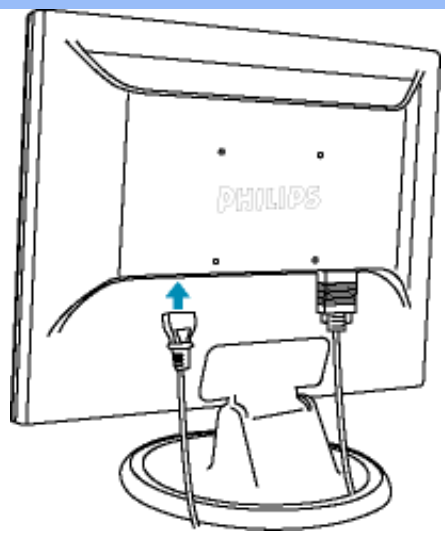
7. The seventh chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C). The eighth chart shows the white point (W) and the black point (K).

8. The eighth chart shows the white point (W) and the black point (K). The ninth chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C).

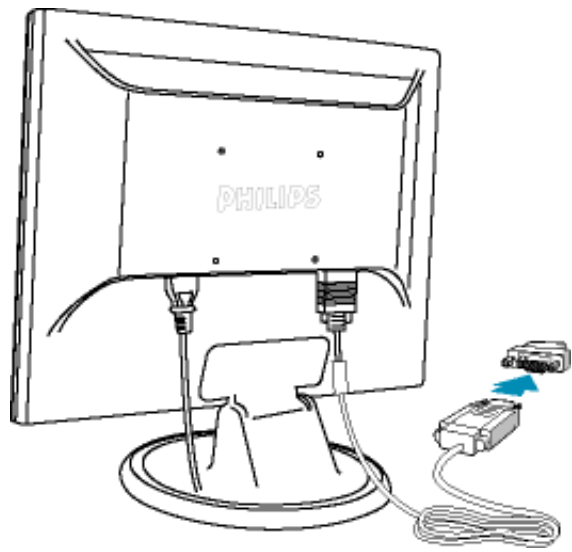
| $L_n L_{n\leq} \sqrt{n} \geq \sqrt{n}$                                                    | $L_n L_{n\leq} \sqrt{n} \geq \sqrt{n}$                                |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| $\Delta \sqrt{L_n \geq}$                                                                  | <b>190V6FB</b>                                                        |
| 1. The first chart shows the primary colors (R, G, B) and the secondary colors (P, Y, C). | 3. The third chart shows the white point (W) and the black point (K). |



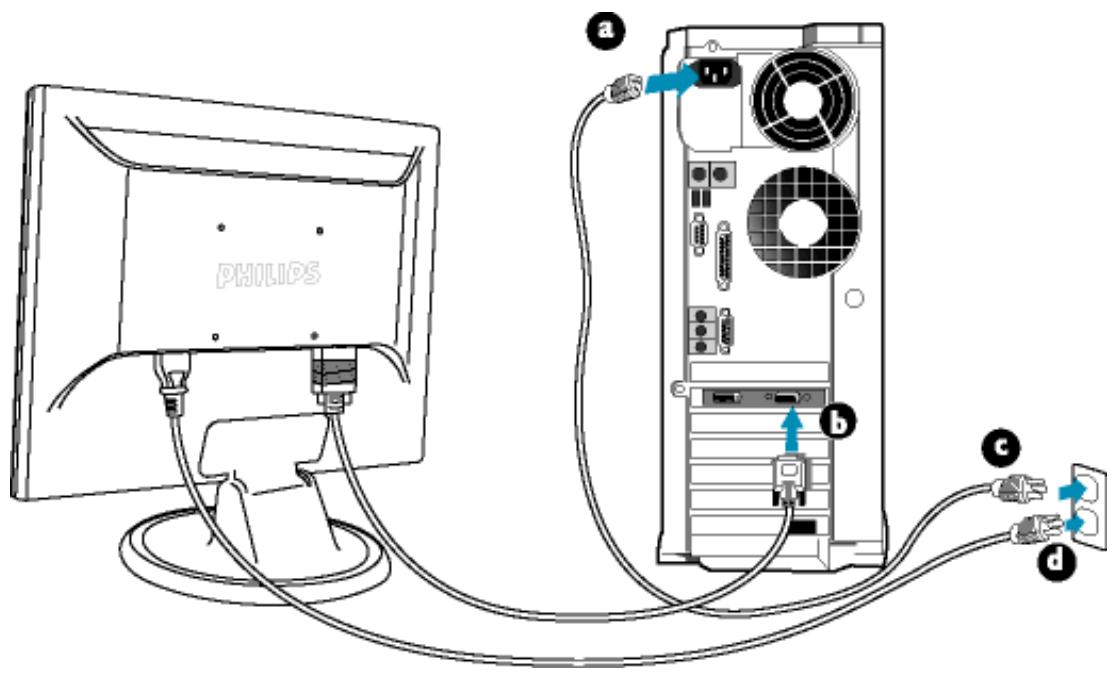




1) ✓



Apple  
Macintosh  
Mac

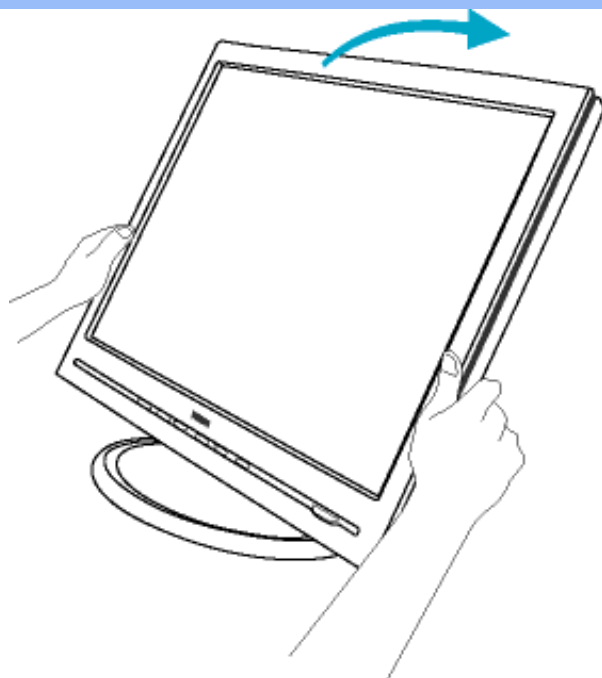


2) ✓

(a) ✓







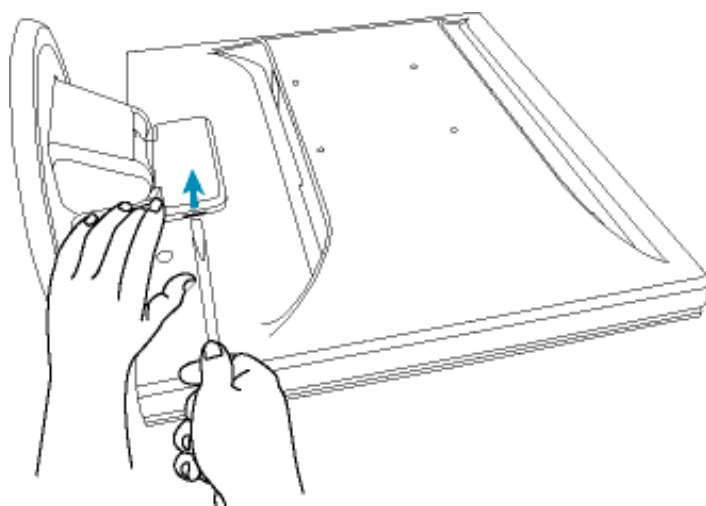
1) הרגל תהיה במקום הנכון

$\sqrt{r} \approx \sqrt{r^2 - \sum_{i=1}^n x_i^2}$  |  $r - \sum_{i=1}^n x_i^2 \neq 0$

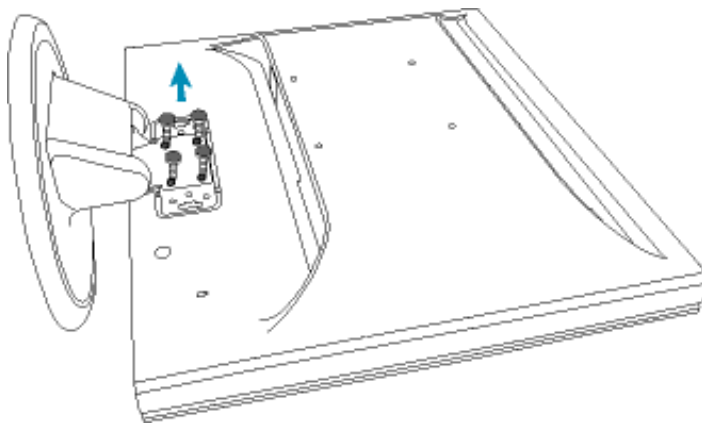
התאמת המסך

התאמת המסך

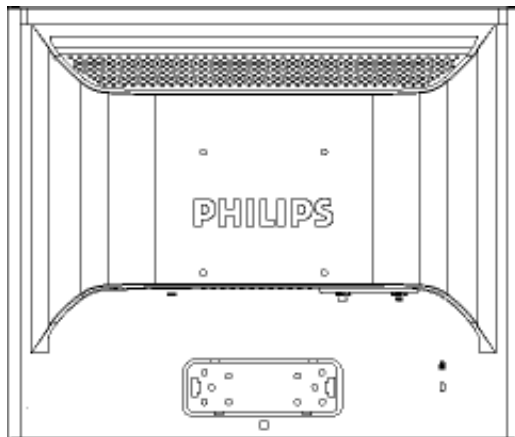
- VESA מנעול המסך תהיה במקום הנכון



1) הרגל תהיה במקום הנכון



2) | 4 ,  
 ≤ .



VESA-  
 100 x100 .

$\sqrt{|\approx \sqrt{-\sum r \leq r \sum | \sum \gamma |} \quad r \sum r \neq | =$

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Windows® 95/98/2000/Me/XP

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

# Windows® 95

1, ≈ Windows 95  
0, ≈  
1, ≈  
2, ≈  
3, ≈  
4, ≈ (CD-ROM), ≈ 'OK'.  
5, ≈ 'OK', ≈ 'OK'.  
6, ≈

## Windows® 98

1, ≈ Windows 98  
0, 2. [REDACTED]  
1, [REDACTED]  
2, ✓ [REDACTED]  
3, ✓ [REDACTED]  
4, ✓ [REDACTED]  
5, [REDACTED] (CD-ROM), [REDACTED] 'OK'.  
6, [REDACTED] 'OK', [REDACTED]  
7, [REDACTED]

## Windows® 2000

Windows 2000

4, ✓ 'L',

## Windows® Me

/, ≈ Windows® Me  
 0, 'Start',

## Windows® XP

/, ≈ Windows® XP  
 0,

Display\_Properties.

Windows® 95/98/2000/Me/XP, Windows® 95/98/2000/Me/XP.

$$\sqrt{r} \approx \sqrt{-\Sigma r \leq -\Sigma | \Sigma \geq r} \mid r - \Sigma r \neq \mid =$$









## לשאלות נפוצות

✓ לפרטים נוספים על התהליך, ניתן לבקר באתר [www.philips.com/support](http://www.philips.com/support) או ליצור קשר עם מרכזי המידע.

## לפרטים נוספים

התהליך מתבצע באופן אוטומטי, ללא צורך בהתערבות המשתמש. במקרה של תקלה, ניתן ליצור קשר עם מרכזי המידע.

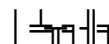
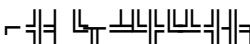
✓ לפרטים נוספים על התהליך, ניתן לבקר באתר [www.philips.com/support](http://www.philips.com/support) או ליצור קשר עם מרכזי המידע Philips-Philips Service Consumer Information Centers.

✓ לפרטים נוספים: <http://www.philips.com/support>



<http://www.philips.com>

# **F1rst Choice**

|                                                                                   |                                                                                   |                                                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |    |
| Austria                                                                           | 0820 901115                                                                       | ü 0.20                                                                               |
| Belgium                                                                           | 070 253 010                                                                       | ü 0.17                                                                               |
| Denmark                                                                           | 3525 8761                                                                         |    |
| Finland                                                                           | 09 2290 1908                                                                      |    |
| France                                                                            | 08 9165 0006                                                                      | ü 0.23                                                                               |
| Germany                                                                           | 0180 5 007 532                                                                    | ü 0.12                                                                               |
| Greece                                                                            | 00800 3122 1223                                                                   |    |
| Ireland                                                                           | 01 601 1161                                                                       |    |
| Italy                                                                             | 199 404 042                                                                       | ü 0.25                                                                               |
| Luxembourg                                                                        | 26 84 30 00                                                                       |    |
| The Netherlands                                                                   | 0900 0400 063                                                                     | ü 0.20                                                                               |
| Norway                                                                            | 2270 8250                                                                         |    |
| Portugal                                                                          | 2 1359 1440                                                                       |    |
| Spain                                                                             | 902 888 785                                                                       | ü 0.15                                                                               |
| Sweden                                                                            | 08 632 0016                                                                       |  |
| Switzerland                                                                       | 02 2310 2116                                                                      |  |
| United Kingdom                                                                    | 0207 949 0069                                                                     |  |

## Consumer Information Centers

[Antilles](#) • [Argentina](#) • [Australia](#) • [Bangladesh](#) • [Brasil](#) • [Canada](#) • [Chile](#) • [China](#) • [Colombia](#) • [Belarus](#) • [Bulgaria](#) • [Croatia](#) • [Czech Republic](#) • [Estonia](#) • [Dubai](#) • [Hong Kong](#) • [Hungary](#) • [India](#) • [Indonesia](#) • [Korea](#) • [Latvia](#) • [Lithuania](#) • [Malaysia](#) • [Mexico](#) • [Morocco](#) • [New Zealand](#) • [Pakistan](#) • [Paraguay](#) • [Peru](#) • [Philippines](#) • [Poland](#) • [Romania](#) • [Russia](#) • [Serbia & Montenegro](#) • [Singapore](#) • [Slovakia](#) • [Slovenia](#) • [South Africa](#) • [Taiwan](#) • [Thailand](#) • [Turkey](#) • [Ukraine](#) • [Uruguay](#) • [Venezuela](#)

### Eastern Europe

#### [BELARUS](#)

Technical Center of JV IBA  
M. Bogdanovich str. 155  
BY - 220040 Minsk  
Tel: +375 17 217 33 86

#### [BULGARIA](#)

LAN Service  
140, Mimi Balkanska Str.  
Office center Translog  
1540 Sofia, Bulgaria  
Tel: +359 2 960 2360  
[www.lan-service.bg](http://www.lan-service.bg)

#### [CZECH REPUBLIC](#)

Xpectrum  
Lužn" 591/4  
CZ - 160 00 Praha 6 Tel: 800 100 697  
Email:[info@xpectrum.cz](mailto:info@xpectrum.cz)  
[www.xpectrum.cz](http://www.xpectrum.cz)

#### [CROATIA](#)

Renoprom d.o.o.  
Mlinska 5, Strmec  
HR - 41430 Samobor  
Tel: +385 1 333 0974

## ESTONIA

FUJITSU SERVICES OU  
Akadeemia tee 21G  
EE-12618 Tallinn  
Tel: +372 6519900  
[www.ee.invia.fujitsu.com](http://www.ee.invia.fujitsu.com)

## HUNGARY

Serware Szerviz  
Vizimolnár u. 2-4  
HU - 1031 Budapest  
Tel: +36 1 2426331  
Email: [inbox@serware.hu](mailto:inbox@serware.hu)  
[www.serware.hu](http://www.serware.hu)

## LATVIA

ServiceNet LV  
Jelgavas iela 36  
LV - 1055 Riga,  
Tel: +371 7460399  
Email: [serviss@servicenet.lv](mailto:serviss@servicenet.lv)

## LITHUANIA

ServiceNet LT  
Gaiziunu G. 3  
LT - 3009 KAUNAS  
Tel: +370 7400088  
Email: [servisas@servicenet.lt](mailto:servisas@servicenet.lt)  
[www.servicenet.lt](http://www.servicenet.lt)

## ROMANIA

Blue Ridge Int'l Computers SRL  
115, Mihai Eminescu St., Sector 2  
RO - 020074 Bucharest  
Tel: +40 21 2101969

## SERBIA & MONTENEGRO

Tehnicom Service d.o.o.  
Bulevar Vojvode Misica 37B  
YU - 11000 Belgrade  
Tel: +381 11 3060 886

## SLOVAKIA

Datalan Servisne Stredisko  
Puchovska 8  
SK - 831 06 Bratislava  
Tel: +421 2 49207155  
Email: servis@datalan.sk

## SLOVENIA

PC HAND  
Brezovce 10  
SI - 1236 Trzin  
Tel: +386 1 530 08 24  
Email: servis@pchand.si

## POLAND

Zolter  
ul.Zytnia 1  
PL - 05-500 Piaseczno  
Tel: +48 22 7501766  
Email: servmonitor@zolter.com.pl  
www.zolter.com.pl

## RUSSIA

Tel: +7 095 961-1111  
Tel: 8-800-200-0880  
Website: www.philips.ru

## TURKEY

TÁrk Philips Ticaret A.S.  
Yukari Dudullu Org.San.Bolgesi  
2.Cadde No:22  
34776-Umraniye/Istanbul  
Tel: (0800)-261 33 02

## UKRAINE

Comel  
Shevchenko street 32  
UA - 49030 Dnepropetrovsk  
Tel: +380 562320045  
www.csp-comel.com

Latin America

## ANTILLES

Philips Antillana N.V.  
Kaminda A.J.E. Kusters 4  
Zeelandia, P.O. box 3523-3051  
Willemstad, Curacao  
Phone: (09)-4612799  
Fax : (09)-4612772

## ARGENTINA

Philips Antillana N.V.  
Vedia 3892 Capital Federal  
CP: 1430 Buenos Aires  
Phone/Fax: (011)-4544 2047

## BRASIL

Philips da Amaz»nia Ind. Elet. Ltda.  
Rua Verbo Divino, 1400-S»o Paulo-SP  
CEP-04719-002  
Phones: 11 21210203 -S»o Paulo & 0800-701-0203-Other Regions without S»o Paulo City

## CHILE

Philips Chilena S.A.  
Avenida Santa Maria 0760  
P.O. box 2687 Santiago de Chile  
Phone: (02)-730 2000  
Fax : (02)-777 6730

## COLOMBIA

Industrias Philips de Colombia  
S.A.-Division de Servicio  
CARRERA 15 Nr. 104-33  
Bogota, Colombia  
Phone:(01)-8000 111001 (toll free)  
Fax : (01)-619-4300/619-4104

## MEXICO

Consumer Information Centre  
Norte 45 No.669  
Col. Industrial Vallejo  
C.P.02300, -Mexico, D.F.  
Phone: (05)-3687788 / 9180050462  
Fax : (05)-7284272

## PARAGUAY

Av. Rca. Argentina 1780 c/Alfredo Seiferheld  
P.O. Box 605  
Phone: (595 21) 664 333  
Fax: (595 21) 664 336  
Customer Desk:  
Phone: 009 800 54 1 0004

## PERU

Philips Peruana S.A.  
Customer Desk  
Comandante Espinar 719  
Casilla 1841  
Limab18  
Phone: (01)-2136200  
Fax : (01)-2136276

## URUGUAY

Rambla O'Higgins 5303 Montevideo  
Uruguay  
Phone: (598) 619 66 66  
Fax: (598) 619 77 77  
Customer Desk:  
Phone: 0004054176

## VENEZUELA

Industrias Venezolanas Philips S.A.  
Apartado Postal 1167  
Caracas 1010-A  
Phone: (02) 2377575  
Fax : (02) 2376420

## Canada

## CANADA

Philips Electronics Ltd.  
281 Hillmount Road  
Markham, Ontario L6C 2S3  
Phone: (800) 479-6696

## Pacific

## AUSTRALIA

Philips Consumer Electronics  
Consumer Care Center  
Level 1, 65 Epping Rd  
North Ryde NSW 2113  
Phone: 1300 363 391  
Fax : +61 2 9947 0063

## NEW ZEALAND

Philips New Zealand Ltd.  
Consumer Help Desk  
2 Wagener Place, Mt.Albert  
P.O. box 1041  
Auckland  
Phone: 0800 477 999 (toll free)  
Fax : 0800 288 588

## Asia

## BANGLADESH

Philips Service Centre  
100 Kazi Nazrul Islam  
Avenue Kawran Bazar C/A  
Dhaka-1215  
Phone: (02)-812909  
Fax : (02)-813062

## CHINA

SHANGHAI  
Rm 1007, Hongyun Building, No. 501 Wuning road,  
200063 Shanghai P.R. China  
Phone: 4008 800 008  
Fax: 21-52710058

## HONG KONG

Philips Electronics Hong Kong Limited  
Consumer Service  
Unit A, 10/F. Park Sun Building  
103-107 Wo Yi Hop Road  
Kwai Chung, N.T.  
Hong Kong  
Phone: (852)26199663  
Fax: (852)24815847

## INDIA

Phone: 91-20-712 2048 ext: 2765  
Fax: 91-20-712 1558

### BOMBAY

Philips India  
Customer Relation Centre  
Bandbox House  
254-D Dr. A Besant Road, Worli  
Bombay 400 025

### CALCUTTA

Customer Relation Centre  
7 justice Chandra Madhab Road  
Calcutta 700 020

### MADRAS

Customer Relation Centre  
3, Haddows Road  
Madras 600 006

### NEW DELHI

Customer Relation Centre  
68, Shivaji Marg  
New Dehli 110 015

## INDONESIA

Philips Group of Companies in Indonesia  
Consumer Information Centre  
Jl.Buncit Raya Kav. 99-100  
12510 Jakarta  
Phone: (021)-7940040 ext: 2100  
Fax : (021)-794 7511 / 794 7539

## KOREA

Philips Consumer Service  
Jeong An Bldg. 112-2  
Banpo-dong, Seocho-Ku  
Seoul, Korea  
Customer Careline: 080-600-6600  
Phone: (02) 709-1200  
Fax : (02) 595-9688

## MALAYSIA

After Market Solutions Sdn Bhd,  
Philips Authorised Service Center,  
Lot 6, Jalan 225, Section 51A,  
46100 Petaling Jaya,  
Selangor Darul Ehsan,  
Malaysia.  
Phone: (603)-7954 9691/7956 3695  
Fax: (603)-7954 8504  
Customer Careline: 1800-880-180

## PAKISTAN

Philips Consumer Service  
Mubarak manzil,  
39, Garden Road, Saddar,  
Karachi-74400  
Tel: (9221) 2737411-16  
Fax: (9221) 2721167  
E-mail: care@philips.com  
Website: www.philips.com.pk

## PHILIPPINES

PHILIPS ELECTRONICS & LIGHTING, INC.  
Consumer Electronics  
48F PBCOM tower  
6795 Ayala Avenue cor VA Rufino St.  
Salcedo Village  
1227 Makati City, PHILS  
Phone: (02)-888 0572, Domestic Toll Free: 1-800-10-PHILIPS or 1-800-10-744 5477  
Fax: (02)-888 0571

## SINGAPORE

Accord Customer Care Solutions Ltd  
Authorized Philips Service Center  
Consumer Service  
620A Lorong 1 Toa Rayoh  
Singapore 319762  
Tel: +65 6882 3999  
Fax: +65 6250 8037

## TAIWAN

Philips Taiwan Ltd.  
Consumer Information Centre  
13F, No. 3-1 Yuan Qu St., Nan Gang Dist.,  
Taipei 115, Taiwan  
Phone: 0800-231-099  
Fax : (02)-3789-2641

## THAILAND

Philips Electronics (Thailand) Ltd.  
26-28th floor, Thai Summit Tower  
1768 New Petchburi Road  
Khwaeng Bangkok, Khet Huaykhwang  
Bangkok 10320 Thailand  
Tel: (66)2-6528652  
E-mail: cic Thai@philips.com

## Africa

### MOROCCO

Philips Electronique Maroc  
304, BD Mohamed V  
Casablanca  
Phone: (02)-302992  
Fax : (02)-303446

## SOUTH AFRICA

PHILIPS SA (PTY) LTD  
Customer Care Center  
195 Main Road  
Martindale, Johannesburg  
P.O. box 58088  
Newville 2114  
Telephone: +27 (0) 11 471 5194  
Fax: +27 (0) 11 471 5123  
E-mail: [customercare.za@philips.com](mailto:customercare.za@philips.com)

## Middle East

### DUBAI

Philips Middle East B.V.  
Consumer Information Centre  
P.O.Box 7785  
DUBAI  
Phone: (04)-335 3666  
Fax : (04)-335 3999

## LIMITED WARRANTY (Computer Monitor)

### Three Years Free Labor/Three Years Free Service on Parts

*\*This product must be shipped in at your expense for service.*

#### WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Attach it to this owner's manual and keep both nearby.

#### WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For three years thereafter*, all parts will be repaired or replaced, and labor is free. *After three years from the day of purchase*, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the original product expires, the warranty on all replaced and repaired products and parts also expires.

#### WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- the model or production number on the product has been altered, deleted, removed or made illegible.

#### Where IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics. In countries where Philips Consumer Electronics does not distribute the

product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

## Where CAN I GET MORE INFORMATION?

For more information, contact the Philips Customer Care Center by calling [\(877\) 835-1838 \(U.S.A. customers only\)](tel:8778351838) or [\(919\) 573-7855](tel:9195737855).

## Before Requesting Service...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

## TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact the Philips Customer Care Center phone number listed below for product assistance and procedures for servicing:

### Philips Customer Care Center

[\(877\) 835-1838](tel:8778351838) or [\(919\) 573-7855](tel:9195737855)

*(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)*

**REMEMBER...** Please record the model and serial numbers found on the product below.

MODEL # \_\_\_\_\_

SERIAL # \_\_\_\_\_

*This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.*

Before contacting Philips, please prepare the following details so we can solve your problem quickly.

- Philips type number
- Philips serial number
- Purchase date (copy of purchase may be required)
- PC environment Processor:

- 286/386/486/Pentium Pro/Internal memory
  - Operating system (Windows, DOS, OS/2, Apple Macintosh)
  - Fax/Modem/Internet program?
  - Other cards installed
- Having the following information available will also help speed up the process:
- Your proof of purchase indicating: date of purchase, dealer name, model and product serial number.
  - The full address to which the swap model should be delivered.

### **Just a phone call away**

Philips' customer help desks are located worldwide. Within the U.S. you can contact Philips customer care Monday-Friday from 8:00 AM-9:00 PM Eastern Time (ET) and on Saturdays from 10:00 AM-5:00 PM ET hrs by using one of the contact phone numbers.

For more information on this and more great Philips products visit our website at:

Website: <http://www.philips.com>