



Asus BE249 Series User Manual

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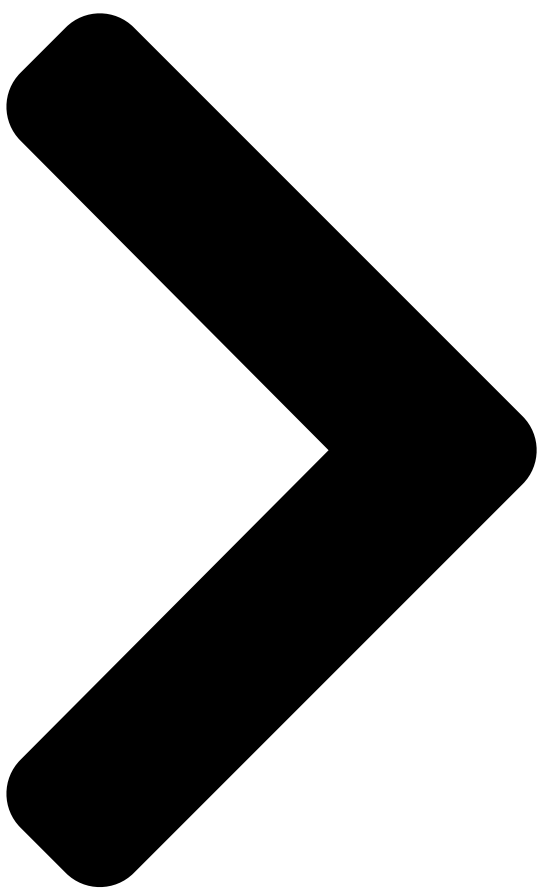
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BE209/BE229/BE2
39/**ASUS**[®]

BE249/BE24A/BE2



BE27A Series LCD

Monitor

User Guide

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Summary of Contents for Asus BE249 Series

[Page 1](#) BE209/BE229/BE239/ BE249/BE24A/BE24C/ BE27A Series LCD Monitor User Guide...

[Page 2](#) INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OR DATA, INTERRUPTION OF BUSINESS AND THE LIKE), EVEN IF ASUS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES ARISING FROM ANY DEFECT OR ERROR IN THIS MANUAL OR PRODUCT.

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Care.&.Cleaning.....vii Takeback.Services.....viii Chapter.1:..Product.introduction

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[Page 4: Notices](#)

Notices Federal Communications Commission Statement This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: • This device may not cause harmful interference, and • This device must accept any interference received including interference that may cause undesired operation.

[Page 5](#) Congratulations! This product is TCO Certified for Sustainable IT TCO Certified is an international third party sustainability certification for IT products. TCO Certified ensures that the manufacture, use and recycling of IT products reflect environmental, social and economic responsibility. Every TCO Certified product model is verified by an accredited independent test laboratory.

[Page 6: Safety information](#)

Safety information • Before setting up the monitor, carefully read all the documentation that came with the package. • To prevent fire or shock hazard, never expose the monitor to rain or moisture. • Never try to open the monitor cabinet. The dangerous high voltages inside the monitor may result in serious physical injury.

[Page 7: Care.&.Cleaning](#)

Care & Cleaning • Before you lift or reposition your monitor, it is better to disconnect the cables and power cord. Follow the correct lifting techniques when positioning the monitor. When lifting or carrying the monitor, grasp the edges of the monitor. Do not lift the display by the stand or the cord.

[Page 8: Takeback.services](#)

These documents are not part of the standard package. Takeback Services ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for our customers to be able to responsibly recycle our products, batteries and other components as well as the packaging materials.

[Page 9: Welcome](#)

Thank you for purchasing the ASUS LCD monitor! The latest widescreen LCD monitor from ASUS provides a broader, brighter and crystal-clear display, plus a host of features that enhance your viewing experience. With these features, you can enjoy the convenience and delightful visual...

[Page 10: Monitor.introduction](#)

Monitor introduction 1.3.1. Front.view BE209/BE229/BE239/BE249/BE24A/ BE229/BE239/BE249 simple base BE24C/BE27A height adjustment base Menu Menu Close Close Quick Fit Quick Fit Brightness Brightness Blue Light Filter Blue Light Filter Power button/power indicator • Turns the monitor on/off. • The color definition of the power indicator is as the below table. Status Description White...

[Page 11](#) 60 seconds. When the user comes back, the power resumes automatically when it detects the user's presence. The default setting of Human sensor is "Off". User can activate this function through OSD settings. ASUS BE Series LCD Monitor...

[Page 12: Back View](#)

1.3.2. Back.view BE229Q/BE239Q/BE249Q BE229QB/BE239QB/ BE249QB 7 8 9 BE209QL/BE229QL/ BE239QL/BE249QL BE209TL BE209QLB/BE229QLB/ BE239QLB/BE239QLBR/ BE249QLB/BE24AQLB 7 8 9 BE209TLB BE24C 7 8 9 BE27AQLB 7 8 9 Kensington.lock.slot. Power.switch. Press the switch to turn on/off power. AC-IN.port. This port connects the power cord. DisplayPort.in.

[Page 13: Quickfit Function](#)

Grid patterns The grid patterns facilitate users to efficiently organize and compare various contents, such as spreadsheet viewing and photo editing. Alignment Grid 1 Alignment Grid 2 Alignment Grid 2 Alignment Grid 1 ASUS BE Series LCD Monitor...

[Page 14](#) Paper size QuickFit provides several commonly used standard paper sizes for users to view their documents in real size on the screen. Letter Letter Photo size The various real photo sizes displayed in the QuickFit function provides photographers and other users to accurately view and edit their photos in real size on the screen.

[Page 15: Assembling.the.monitor.arm/Base](#)

BE229/BE239/BE249 simple base BE209/BE229/BE239/BE249/BE24A/BE24C/BE27A height adjustment base Detaching the arm/base (for VESA wall mount) The detachable arm/base of this monitor is specially designed for VESA wall mount. To detach the arm/base: ASUS BE Series LCD Monitor...

[Page 16](#) BE229/BE239/BE249 simple base Have the front of the monitor face down on a table. Remove the rubbers in the four screw holes. (Figure 1) Remove the base (Figure 2). Use a screwdriver to remove the screw on the hinge (Figure 3), then remove the hinge.

[Page 17: Attaching/Removing.the.minipc.kit](#)

Use only the UL Listed Wall Mount Bracket with minimum weight/load 22.7kg (Screw size: M4 x 10 mm) Attaching/Removing the MiniPC Kit (BE209/BE229/BE239/BE249/BE24A/ BE24C/BE27A height adjustment base) Attaching the MiniPC Kit Removing the MiniPC Kit ASUS BE Series LCD Monitor...

[Page 18: Adjusting.the.monitor](#)

Adjusting the monitor • For optimal viewing, we recommend that you look at the full face of the monitor, then adjust the monitor to the angle that is most comfortable for you. • Hold the stand to prevent the monitor from falling when you change its angle. •...

[Page 19: Connecting.the.cables](#)

Plug one end of the VGA/DVI/DisplayPort/HDMI/Mini DisplayPort cable to the monitor's VGA/DVI/DisplayPort/HDMI/Mini DisplayPort jack. Connect the other end of the VGA/DVI/DisplayPort/HDMI/Mini DisplayPort cable to your computer's VGA/DVI/DisplayPort/HDMI/Mini DisplayPort jack. Tighten the two screws to secure the VGA/DVI connector. ASUS BE Series LCD Monitor...

[Page 20: Turning.on.the.monitor](#)

• To.connect.the.audio.cable:.connect one end of the audio cable to the monitor's Audio-in port, the other end to the computer's audio-out port. • To.use.the.earphone: connect the end with plug type to the monitor's earphone jack when an HDMI or DisplayPort signal is fed. •

[Page 21: Osd.\(On-Screen.display\).Menu](#)

Highlight the desired sub-menu function and press to activate it. Press to change the settings of the selected function. To exit and save the OSD menu, press repeatedly until the OSD menu disappears. To adjust other functions, repeat steps 1-4. ASUS BE Series LCD Monitor...

[Page 22: Osd Function Introduction](#)

This function contains 7~8 sub-functions you can select for your preference. Each mode has the Reset selection, allowing you to maintain your setting or return to the preset mode. ASUS BE229 Splendid Standard Mode VGA 1920 x 1080 @ 60Hz...

[Page 23](#) Taking short and frequent breaks is more effective than a single longer break. • To minimize eye strain and dryness in your eyes, users should rest the eye periodically by focusing on objects that are far away. ASUS BE Series LCD Monitor...

[Page 24](#) High energy blue light may lead to eye strain and AMD (Age-Related Macular Degeneration). Blue light Filter to reduce 70% (max.) harmful blue light to avoiding CVS (Computer Vision Syndrome). Color. Set a desired color setting from this menu. ASUS BE229 Color Standard Mode VGA 1920 x 1080 @ 60Hz Brightness...

[Page 25](#) VividPixel: Enhances the outline of the displayed picture and generates high-quality images on screen. • ASCR: Turns on/off the ASCR (ASUS Smart Contrast Ratio) function. • Position.(Only.available.for.VGA.input): adjusts the horizontal position (H-Position) and the

vertical position (V-Position) of the image. The adjusting range is from 0 to 100.

Page 26 Sound You can adjust Volume, Mute and Source from this menu. ASUS BE229 Sound Standard Mode VGA 1920 x 1080 @ 60Hz Volume Mute Source •. Volume: the adjusting range is from 0 to 100. •. Mute: toggles the monitor sound between on and off.

Page 27 “Off” allows the USB downstream ports to generate a 5V/500mA output only when the monitor is turned on. •. OSD.Setup: Adjusts the OSD timeout from 10 to 120 seconds. Enables or disables the DDC/CI function. Adjusts the OSD background from opaque to transparent. ASUS BE Series LCD Monitor...

Page 28 Power.Key.Lock: Enables or disables the power key. •. All.Reset: “Yes” allows you to restore the default settings. Shortcut Defines the functions for Shortcut 1 and 2 buttons. ASUS BE229 Shortcut Standard Mode VGA 1920 x 1080 @ 60Hz S h o r t c u t 1 S h o r t c u t 2 •.

Page 29 When a certain function is selected or activated, your shortcut key may not support. Available function choices for shortcut: Blue Light Filter, Splendid, Brightness, Auto Adjust, Contrast, Color Temp., Volume. ASUS BE Series LCD Monitor...

Page 30: Specifications.summary

Specifications summary BE229/BE239/BE249 simple base Panel.Type TFT LCD Panel.size BE229QB/BE229Q: 21.5" (16:9, 54.6 cm) wide screen BE239QB/BE239Q: 23" (16:9, 58.4 cm) wide screen BE249QB/BE249Q: 23.8" (16:9, 60.5 cm) wide screen Max..Resolution BE229QB/BE229Q: 1920 x 1080 BE239QB/BE239Q: 1920 x 1080 BE249QB/BE249Q: 1920 x 1080 Pixel.pitch BE229QB/BE229Q: 0.248 mm x 0.248 mm BE239QB/BE239Q: 0.2652 mm x 0.2652 mm...

Page 31 UL/cUL, CB, CE, ErP, FCC, ISO9241-307, RCM, VCCI, RoHS, Windows 7 & 8 WHQL, Energy Star ® EPEAT Gold, TCO 7.0, Flicker Free, Low blue Light, TUV-GS, TUV-Ergo, CU, PSE, WEEE, EMC DoC, UkrSEPRO, MEPS *Specifications.are.subject.to.change.without.notice. **measuring.a.screen.brightness.of.200.nits.without.audio/USB/Card.reader.connection. ASUS BE Series LCD Monitor 3-11...

Page 32 BE209/BE229/BE239/BE249/BE24A/BE24C height adjustment base Panel.Type TFT LCD Panel.size BE209QLB/BE209QL: 19.45" (16:10, 49.4 cm) wide screen BE229QLB/BE229QL: 21.5" (16:9, 54.6 cm) wide screen BE239QLB/BE239QL/BE239QLBR: 23" (16:9, 58.4 cm) wide screen BE249QLB/BE249QL/BE24CQLB: 23.8" (16:9, 60.5 cm) wide screen BE24AQLB: 24" (16:10, 61.13 cm) wide screen Max..Resolution BE209QLB/BE209QL: 1440 x 900 BE229QLB/BE229QL: 1920 x 1080...

Page 33 BE24AQLB: 6.2 kg (Net); 8.2 kg (Gross) BE24CQLB: 5.9 kg (Net); 7.9 kg (Gross) Multi-languages 21 languages (English, French, German, Italian, Spanish, Dutch, Portuguese, Russian, Czech, Croatian, Polish, Romanian, Hungarian, Turkish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Thai, Indonesia, Persian) ASUS BE Series LCD Monitor 3-13...

Page 34 Accessories. Power cord, DVI cable (optional), HDMI cable (only for BE24C), DisplayPort cable, VGA cable, Audio cable, USB cable (only for BE209QLB/BE229QLB/BE239QLB/BE239QLBR/BE249QLB/BE24AQLB/ BE24CQLB), Quick start guide, Warranty card Compliance.and.Standards UL/cUL, CB, CE, ErP, FCC, ISO9241-307, RCM, VCCI, RoHS, Windows 7 & 8 & 10 WHQL, Energy Star , EPEAT Gold, TCO 7.0, Flicker Free, ®...

Page 35 ErP, WEEE, TUV-GS, TUV-Ergo, ISO 9241-307, UkrSEPRO, CU, CCC, CEL, BSMI, RCM, MEPS, VCCI, PSE, PC Recycle, J-MOSS, KC, KCC, e-Standby, Energy Star , TCO7.0, RoHs, Windows ® 7/8.1/10 WHQL, Flicker Free, Low Blue Light *Specifications.are.subject.to.change.without.notice. **measuring.a.screen.brightness.of.200.nits.without.audio/USB/Card.reader.connection. ASUS BE Series LCD Monitor 3-15...

Page 36 BE209TL/BE209TLB Panel.Type TFT LCD Panel.size 19.45" (16:10, 49.4 cm) wide Max..Resolution 1440 x 900 Pixel.pitch 0.2907 mm x 0.2915 mm Brightness.(Typ.) 250 cd/m Contrast.Ratio.(Typ.) 1000:1 Contrast.Ratio.(Max.) 100,000,000:1 (with ASCR on) Viewing.angle.(H/V).CR>10 178°/178° Display.colors 16.7 M Response.time < 5 ms SplendidPlus.Video.Enhancement SplendidPlus.selection 7 video preset modes Auto.adjustment...

[Page 37](#) UL/cUL, CB, CE, ErP, FCC, ISO9241-307, RCM, VCCI, RoHS, Windows 7 & 8 WHQL, Energy Star ® EPEAT Gold, TCO 7.0, Flicker Free, Low blue Light, TUV-GS, TUV-Ergo, CU, PSE, WEEE, EMC DoC, UkrSEPRO, MEPS *Specifications are subject to change without notice.
**measuring a screen brightness of 200 nits without audio/USB/Card reader connection. ASUS BE Series LCD Monitor 3-17...

[Page 38: Troubleshooting.\(Faq\)](#)

Troubleshooting (FAQ) Problem Possible.Solution Power LED is not ON • Press the button to check if the monitor is in the ON mode. • Check if the power cord is properly connected to the monitor and the power outlet. • Check if the power switch is ON. The power LED lights amber and there is •...

[Page 39: Supported.operating.modes](#)

Pixel.Rate. OSD. Name Frequency. Frequency. (MHz) Display (kHz) (Hz) 480p 720 x 480 31.469 480p-60Hz 720p60 1280 x 720 74.25 720p-60Hz 576p 720 x 576 31.25 576p-50Hz 720p50 1280 x 720 37.5 74.25 720p-50Hz ASUS BE Series LCD Monitor 3-19...

[Page 40](#) BE229/BE239/BE249 Resolution. Horizontal. Vertical.Frequency. Pixel.(MHz) Frequency.(KHz) (Hz) 640x480 31.47(N) 59.94(N) 25.18 640x480 35.00(N) 66.66(N) 30.24 640x480 37.87(N) 72.82(N) 31.5 640x480 37.5(N) 75.00(N) 31.5 720x400 31.47(N) 70.08(P) 28.32 800x600 35.16(P) 56.25(P) 36.00 800x600 37.88(P) 60.32(P) 40.00 800x600 48.08(P) 72.12(P) 50.00 800x600 46.86(P) 75.00(P)

[Page 41](#) 480p-60Hz 720p60 1280 x 720 74.25 720p-60Hz 576p 720 x 576 31.25 576p-50Hz 720p50 1280 x 720 37.5 74.25 720p-50Hz 1080p60 1920 x 1080 67.5 148.5 1080p-60Hz 1080p50 1920 x 1080 56.25 148.5 1080p-50Hz ASUS BE Series LCD Monitor 3-21...

[Page 42](#) BE24C/BE27A Resolution.Frequency Horizontal. Vertical.Frequency. Pixel.(MHz) Frequency.(KHz) (Hz) 640x480 31.47(N) 59.94(N) 25.18 640x480 35.00(N) 66.66(N) 30.24 640x480 37.87(N) 72.82(N) 31.5 640x480 37.5(N) 75.00(N) 31.5 720x400 31.47(N) 70.08(P) 28.32 800x600 35.16(P) 56.25(P) 36.00 800x600 37.88(P) 60.32(P) 40.00 800x600 46.86(P) 75.00(P) 49.50 1024x768 48.36(N) 60.00(N) 65.00...

[Page 43](#) 480p-60Hz 720p60 1280 x 720 74.25 720p-60Hz 576p 720 x 576 31.25 576p-50Hz 720p50 1280 x 720 37.5 74.25 720p-50Hz 1080p60 1920 x 1080 67.5 148.5 1080p-60Hz 1080p50 1920 x 1080 56.25 148.5 1080p-50Hz ASUS BE Series LCD Monitor 3-23...

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International Responsible Party Name: Address: 800 Corporate Way, Fremont CA 94539.
Phone/Fax No: (510)739-3777/(510)608-4555 hereby declares that the product Product Name :
LCD Monitor Model Number : C627A, C627AQ, C627AQ-G, BE27A, BE27AQLB-G,...

This manual is also suitable for:

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