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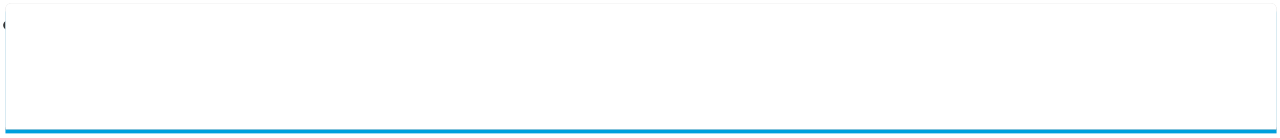
Asus P3B E-Manual

1
2
Table Of Contents
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

68
69
70
71
72
73
74
75
76



-

Table of Contents

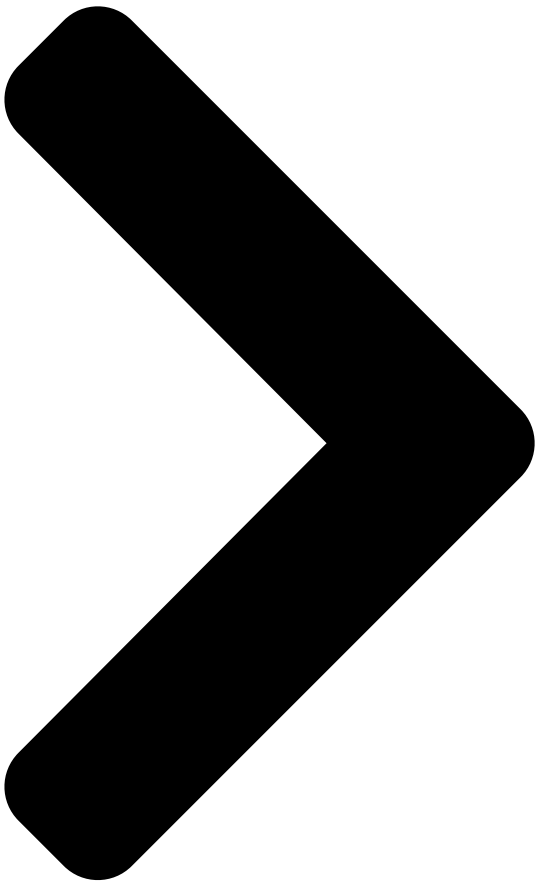
Bookmarks

Quick Links

1 Connect the Led Projector to Your Device

2 Wifi

Download this manual



LED projector

ASUS
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E-Manual

P3B

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Asus P3B

Projector Asus P3E E-Manual

(76 pages)

Summary of Contents for Asus P3B

Page 1
LED projector E-Manual...

Page 2
ASUS will only be responsible for or indemnify you for loss, damages or claims based in contract, tort or infringement under this Warranty Statement. This limit also applies to ASUS' suppliers and its reseller. It is the maximum for which ASUS, its suppliers, and your reseller are collectively responsible.

Page 3: Table Of Contents

Table of Contents About this manual ..... 5 Conventions used in this manual ..... 6 Typography .....6 Multi-language versions .....6 Safety precautions ..... 7 Using your LED projector .....7 Servicing and replacement of parts .....7 Caring for your LED projector .....8 Proper disposal .....

Page 4
Appendices Federal Communications Commission Statement .....70 Regional notice for California .....70 Canadian Department of Communications Statement....71 Global Environmental Regulation Compliance and Declaration .71 ASUS Recycling/Takeback Services .....71 Specifications for P3B LED projector .....72 Support PC Timings .....75 LED projector E-Manual...

Page 5: About This Manual

About this manual This manual provides information about the hardware and software features of your LED projector through the following chapters: Chapter 1: Knowing your LED Projector This chapter details the parts of your LED projector and its accompanying remote control. Chapter 2: Setting up This chapter shows you how to set up your LED projector and use its parts for input device connection.

Page 6: Conventions Used In This Manual

Bold = This indicates a menu or an item that must be selected. Italic = This indicates sections that you can refer to in this manual. Multi-language versions Download other language versions of this E-Manual via this website: http://support.asus.com LED projector E-Manual...

Page 7: Safety Precautions

Servicing and replacement of parts • Do not disassemble or attempt to service this LED projector by yourself. Contact your local ASUS service center for assistance. • When replacing parts of your LED projector, purchase items as specified by ASUS and contact your local service center for assistance. LED projector E-Manual...

Page 8: Caring For Your Led Projector

Caring for your LED projector • Switch off then unplug the LED projector from the power outlet before cleaning it. • When cleaning the LED projector's housing, use a clean soft cloth dampened with water or a mix of water and neutral detergent. Wipe it dry using a soft dry cloth. • Ensure that the lens is cool before cleaning it. Gently wipe the lens using a lens cleaning paper. Do not touch the lens with your hands.

Page 9: Chapter 1: Knowing Your Led Projector

Chapter 1: Knowing your LED projector Chapter 1: Knowing your LED projector LED projector E-Manual...

Page 10: Features

Features Top view Focus ring The focus ring allows you to adjust the image focus of your LED projector. LED projector E-Manual...

Page 11 Control panel buttons The control panel buttons allow you to navigate the onscreen display menu. Individually, these buttons also correspond to a specific LED projector setting as indicated below. Media Center Input Power Image Position Brightness Image Setting Keystone Main menu/OK Volume Splendid Contrast...

Page 12 Battery status indicator The battery status indicator provides a visual indication of the battery's charge status. When the projector is running on battery mode, press the button to show the battery status. Refer to the following table for details: Color Status The projector is plugged to Solid Green...

Page 13: Front View

Front view Air vents The air vents allow cool air to enter and warm air to exit the LED projector. WARNING! Ensure that paper, books, clothing, cables, or other objects do not block any of the air vents or else overheating may occur.

Page 14: Rear View

Rear view Remote sensor The remote sensor detects signal from your LED projector's remote control, allowing you to access the LED projector's control panel from a distance of up to 7 meters and a receiving angle of ±30 degrees. Micro USB 2.0 port This port also allows you to transfer data from your input device to your LED projector.

Page 15 Audio speaker This LED projector uses SonicMaster technology to provide hi-fi sound quality, with richer bass sounds, straight from the builtin audio speaker. Power bank button Press this button to show the battery status of your projector on the battery status indicator. When the projector is powered off, press this button to show the battery status and charge your mobile device connected to the power output port (5V / 1.5A).

Page 16 Audio output jack port The audio output jack port allows you to connect your LED projector to amplified speakers or headphones. Power output port This power output port provides up to 5V/1.5A of output voltage and current. You can connect your mobile device to this port to keep it charged.

Page 17: Right Side

Right side Kensington® security slot The Kensington® security slot allows you to secure your LED projector using Kensington® compatible LED projector security products. Left side Air vents The air vents allow cool air to enter and warm air to exit your LED projector.

Page 18: Bottom View

Bottom view Built-in stand This LED projector comes with a built-in stand that allows you to adjust the height of the projector by either 5.7 degrees or 9 degrees. Tripod socket Connect the LED projector to a tripod using this socket. LED projector E-Manual...

Page 19: Led Projector Remote Control

LED projector remote control NOTE: Actual appearance may vary depending on model. Control panel buttons The control panel buttons allow you to navigate the onscreen display menu. Individually, these buttons also correspond to a specific LED projector setting. NOTE: For more details on using the control panel buttons, refer to the Using the onscreen display menu section in this manual.

Page 20 Remote control buttons These additional buttons allow you to use the LED projector from a distance of up to 10 meters. Back - Press this button to go back to the previous screen. Home - Press this button to go back to the home screen. Laser pointer - Press this button to activate the laser pointer of the remote control.

Page 21: Replacing The Battery

Replacing the battery A. Move the battery compartment's latch to the right to unlock the battery holder. Pull down the battery holder and remove it completely out of the battery

compartment. LED projector E-Manual...

Page 22 Remove the old battery then insert the new CR2025 lithium coin battery into the battery holder with the positive side (+) facing D. Slide the battery holder back into the battery compartment. Push it all the way in until you hear a soft click, indicating that the battery compartment is locked back in place.

Page 23: Chapter 2: Setting Up

Chapter 2: Setting up Chapter 2: Setting up LED projector E-Manual...

Page 24: Operating Your Led Projector

Connect the AC power cord to a power source. Connect the DC power connector to your LED projector. NOTE: This LED projector is also compatible with ASUS power adapters within the 65W to 95W range. Charge the projector for 3 hours before using it in battery mode for the first time.

Page 25 AC power cord requirements Use the correct AC plug type according to your current location. IMPORTANT! Contact your sales dealer if the AC power cord bundled with your LED projector does not match your local power source. NOTE: We highly recommend that you use a video source device that also uses a grounding type plug to prevent signal interference due to voltage fluctuations.

Page 26: Connect The Led Projector To Your Device

2. Connect the LED projector to your device A. Audio output jack LED projector E-Manual...

Page 27 MicroSD card NOTE: For details on how to launch files from a memory card, refer to the Launching the Media Center section in this manual. LED projector E-Manual...

Page 28 Micro USB NOTE: DO NOT remove your projector from your computer during data transfer, doing so will lead to data loss or corruption. LED projector E-Manual...

Page 29 D. HDMI / MHL NOTE: Some mobile phone models may require a specific adapter for use with HDMI / MHL ports. LED projector E-Manual...

Page 30 LED projector E-Manual...

Page 31 USB 2.0 Compatible USB 2.0 input devices: USB cable Flash drive Wi-Fi dongle NOTE: For details on using the USB 2.0 port to launch supported file formats, refer to the Launching the Media Center section in this manual. LED projector E-Manual...

Page 32: Adjust The Height Of The Led Projector

3. Adjust the height of the LED projector Your LED projector comes with a built-in stand that helps adjust the image height onscreen. WARNING! Ensure that the built-in stand is fully retracted before placing the LED projector inside the projector bag. NOTES: • Place the LED projector on a stable flat surface.

Page 33 Screen size and projection distance table Adjust the LED projector’s distance from the screen using the table below. Screen size LED projector Projection distance Screen Size Projection Screen Distance Width Height Diagonal inch inch inch 30” 25.6" 15.7” 1.71' 0.52 50”...

Page 34: Press The Power Button

4. Press the power button LED projector E-Manual...

Page 35: Adjust The Image Focus

5. Adjust the image focus Move the focus ring to the left or to the right to adjust the image focus. NOTE: Use a still image when adjusting the onscreen display. LED projector E-Manual...

Page 36 LED projector E-Manual...

Page 37: Chapter 3: Using The Onscreen Display Menu

Chapter 3: Using the onscreen display menu Chapter 3: Using the onscreen display menu LED projector E-Manual...

Page 38: Launching Programs From The Onscreen Display Menu

NOTE: The following screenshots are for reference only and may be updated without prior notice. Launching programs from the onscreen display menu The onscreen display menu contains a set of programs and settings designed to maximize your use of the LED projector. You can navigate inside the onscreen display menu using the control panel buttons on your LED projector or its accompanying remote control.

Page 39: Control Panel Grid

Control panel grid The control panel grid guides you through the process of using the control panel buttons to launch active options inside your onscreen display menu. The control panel grid represents the 8 buttons surrounding the button on the control panel. Control panel grid sample Control panel buttons LED projector E-Manual...

Page 40: Using Your Led Projector For The First Time

Refer to the following steps when using your LED projector for the first time. Set up your LED projector then press the power button once. The ASUS welcome screen appears to indicate that the LED projector is now turned on. Using the control panel buttons, select the language you want to use in your LED projector.

Page 41: Accessing Your Led Projector's Settings

Accessing your LED projector’s settings Aside from using the control panel buttons to navigate the onscreen display menu, you can also use each of these buttons to launch the following LED projector settings: IMPORTANT! Press Projector Setting on the control panel grid to use these functions in the Media Center.

Page 42 Contrast Press this button to set the difference between lighten or darken your projection onscreen. Media Center Press this button to launch the Media Center. NOTE: For more details, refer to the Using the Media Center section in this manual. Input Press this button to scan the connected devices to your LED projector.

Page 43 Splendid Press this button to activate any of the following display modes: Standard, Dynamic, sRGB, Theater, and Scenery. Press this button while on battery mode to activate different brightness modes. The time (HH:MM) under the icon shows the estimated battery life in that brightness mode. LED projector E-Manual...

Page 44 Image Setting Press this button to access the following image settings: Color Temperature - This option allows you to adjust the light • temperature of your LED projector according to the following options: Warm, Normal, Cool. Color Adjustment (for HDMI/MHL only) - This option allows •...

Page 45 Wall Color - This option allows you to choose a proper color • according to the wall. This option will compensate the color deviation due to the wall color to show the correct image tone. LED projector E-Manual...

Page 46 Image Position Press this button to access the following image position settings: Auto Keystone - This option allows you to automatically adjust • the alignment of your image. Horizontal Positioning (for VGA only) - This option allows you • to shift the image’s position horizontally. Projector Position - This option allows you to adjust the •...

Page 47 Digital Zoom - This option allows you to zoom in or zoom out • your projected display. It also allows you to pan your image to the following directions: left, right, up, or down. Phase (for VGA only)- This option allows you to adjust the •...

Page 48 Setup Press this button to access the following LED projector settings: Information - This option shows you the following information • about your LED projector: currently used input port, LED projector’s model name, and currently use Splendid mode. Reset All - This option allows you to reset all the settings you •...

Page 49 Language - This option allows you to select the language to use • on your LED projector's onscreen display menu. E-Manual - This option launches the LED projector’s E-Manual. • Power Timeout - This option allows you to set the number of •...

Page 50: Transferring Data

Transferring data Your LED projector allows you to transfer data from your input device to your LED projector. To transfer files: Connect a micro usb cable to the micro USB 2.0 port on your LED projector and your computer. button and select Data Transfer. Press the Drag and drop files from your computer to your LED projector.

Page 51: Using 3D Glasses

Using 3D glasses Your LED projector supports 3D technology for an enhanced viewing experience. Refer to the following details when using your purchased 3D glasses with this LED projector. IMPORTANT: Purchase TI 3D-ready glasses. Your 3D files must be compatible with the TI 3D format. NOTE: For more details on viewing 3D files, refer to the user guide that comes with your 3D glasses.

Page 52 Supported 3D input formats Vertical Input Signal Resolution Frequency Supported 3D Formats (Hz) HDMI 1024 x 768 Frame Sequential RGB-PC 1024 x 768 Frame Sequential Resolution supporting 3D mode is 1024 x 768 for HDMI and RGB input. ** Some menus may not work in 120 Hz input. 3D setting NOTE: The 3D setting only appears when a supported 3D file is detected.

Page 53: Using Demo Mode

Using Demo Mode View the internal demo video that comes with your LED projector or your own demo videos using Demo Mode. Demo Mode is automatically enabled in your LED projector if you chose On when you turn on the device for the first time. However, choosing Off disables this feature.

Page 54: Creating And Playing Your Own Demo Video

Create your own demo video and play this on your LED projector using the following steps: Create a folder named ASUS in your microSD Card or USB drive. Select the photos you want to include in your demo video and one music file (optional).

Page 55: Using The Media Center

Using the Media Center Show photos, play videos, listen to audio music, and view documents using your LED projector’s Media Center. Through the Media Center, you can also access the Wi-Fi capabilities of your LED projector and connect to USB-enabled input devices. Launching the Media Center The Media Center automatically launches after the LED projector detects an microSD card, external drive, or Wi-Fi dongle connection.

Page 56: Opening Files From The Microsd Card, Usb Drive, Or Internal Memory

Opening files from the microSD Card, USB Drive, or internal memory Photo Supported image file formats: • JPG • JPEG • BMP (bitmap) To open an image file: 1. Connect your input device to the LED projector. 2. Turn on the LED projector to launch the Media Center’s onscreen display menu.

Page 57 6. Press to open the selected folder or file. 7. After opening the file, press on the control panel to launch the control panel grid. Video File Type Video Codec Resolution Frame Audio Remarks Rate Rate Codec DIVX4/5/6 1080P 30 fps No Support VC-1 XVID Mbps...

Page 58 To open a video file: 1. Connect your input device to the LED projector. 2. Turn on the LED projector to launch the Media Center’s onscreen display menu. 3. Select the input device you wish to access. 4. Select Video. 5.

Page 59 Audio File Type Sample Rate (KHz) Bit Rate (Kbps) MP1/ MP2/ MP3 8-48 8—320 22-48 5—320 8-48 64—320 ADPCM-WAV 8-48 32—384 PCM-WAV 8-48 128—1536 8-48 8—256 To open an audio file: 1. Connect your input device to the LED projector. 2.

Page 60 6. Press to open the selected folder or file. 7. After opening the file, press on the

control panel to launch the control panel grid. Document File Type Support Version Pages /Lines Size Limitation Comment Limitation Adobe PDF PDF 1.0 Up to 100 pages Up to 75 MB PDF 1.1...

Page 61 To view documents, refer to the following steps: 1. Connect your input device to the LED projector. 2. Turn on the LED projector to launch the Media Center's onscreen display menu. 3. Select the input device you wish to access. 4.

Page 62: Wifi

• from Google® Play Store. If you are using an iOS, download ASUS WiFi Projection from • App Store. • If you are using a laptop, tablet, or desktop PC, download the ASUS WiFi Projection software using the following steps: 1. Turn on your device then select ASUS-P3B from the list of available wireless networks. LED projector E-Manual...

Page 63 2. Type the password as shown on your LED projector. 3. After connecting your device, type in this IP address on your browser: http://192.168.111.1 LED projector E-Manual...

Page 64 4. Download ASUS WiFi Projection software from the IP address by clicking on either of the following icons. NOTE: The ASUS WiFI projection software is compatible with Windows® 7, Windows® XP, Windows® Vista, and Mac® OS X. The list of compatible operating systems are subject to change without prior notice.

Page 65 NOTE: If the Media Center does not automatically launch, press then select WiFi>ASUS WiFi Projection. Enable the WiFi connection in your input device. Select ASUS- P3B (default SSID) or the new SSID you configured for the P3B LED projector. NOTE: You may also refer to the steps presented onscreen.

Page 66 Open ASUS WiFi Projection on your input device. Select P3, and type App Login Password. Tap the feature you would like to use. NOTE: The features are subject to change without prior notice due to software updates. Using your LED Projector as a Wi-Fi hotspot You can connect your LED projector to another Wi-Fi hotspot to enable group access when using the LED projector.

Page 67 NOTE: The P3B LED projector supports WPA/WPA2-enabled devices. Press OK to start the Wi-Fi connection between the Wi-Fi hotspot and your LED projector. Repeat the same steps under Using ASUS WiFi Projection to connect input devices to the LED projector. LED projector E-Manual...

Page 68: Multi-Language Versions

Multi-language versions Download other language versions of this E-Manual via this website:http://support.asus.com LED projector E-Manual...

Page 69: Appendices

Appendices Appendices Appendices LED projector E-Manual...

Page 70: Federal Communications Commission Statement

Federal Communications Commission Statement This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Page 71: Canadian Department Of Communications Statement

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements.

Page 72: Specifications For P3B Led Projector

Specifications for P3B LED projector Display Display Technology 0.45" DLP® Light Source R/G/B LED Light Source Life 30,000 hours (Max) True Resolution (native) WXGA 1280x800 Light Output (Max) 800 Lumens (AC mode), 500 Lumens (Battery mode) Contrast Ratio 100,000:1 DCR...

Page 73 Power Power On Mode ≤65W Standby Mode <0.5W Noise Acoustic Noise Standard mode: 32dBA - 34dBA Theater, sRGB, Scenery mode: 28dBA - 30dBA Input or PC Signal Input D-sub, HDMI1.3 (HDCP support) Output Audio Out Earphone out Card Reader Yes (1 x MicroSD card slot for multimedia playback) USB port Yes (2 x Type A, up site for...

Page 74 Mechanical Chassis Colors White Design Tripod Socket Supporting Stand Yes (5.7° and 9°) On-machine Buttons Yes (Media Center, Input, Power, Image position, Brightness, Image quality, Keystone, Enter, Volume, Splendid, Contrast, Setup) Lens Cover Security Kensington lock Dimension Physical Dimension 153.5(W)x131.2(D)x43(H)mm Box Dimension 295(W)x255(D)x80(H)mm Weight...

Page 75: Support Pc Timings

Support PC Timings DSUB Input Resolution Mode Refresh rate (Hz) H-frequency (kHz) Clock (MHz) 640 x 480 VGA_60 59.94 31.469 25.175 VGA_75 37.5 31.5 800 x 600 SVGA_60 60.317 37.879 SVGA_75 46.875 49.5 1024 x 768 XGA_60 60.004 48.363 XGA_75 75.029 60.023 78.75...

Page 76 HDMI (PC) Resolution Mode Refresh rate (Hz) H-frequency (kHz) Clock (MHz) 640 x 480 VGA_60 59.94 31.469 25.175 VGA_75 37.5 31.5 800 x 600 SVGA_60 60.317 37.879 SVGA_75 46.875 49.5 1024 x 768 XGA_60 60.004 48.363 XGA_75 75.029 60.023 78.75 1280 x 768 1280 x 768_60 59.87...