

Asus F1 Series E-Manual

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

Table of Contents



Quick Links

- 1 Connect the Led Projector to Your Device
- 2 Using Your Led Projector for the First Time
- 3 Adjusting Your Led Projector's Settings
- 4 Display

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F1 Series





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Page 4 Using 3D glasses46 Multi-language versions47 Appendices Federal Communications Commission Statement50 Regional notice for California

Table of Contents About this manual 5 Conventions used in this manual

Page 3: Table Of Contents

51 Global Environmental	Regulation Compliance and Declaration .52 ASUS	
Recycling/Takeback Services	52 Specifications for F1 series LED projector	53
Supported PC Timings	.56 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: https://www.asus.com/support 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 LED projector E-Manual...

<u>Page 11</u> Control panel buttons These buttons correspond to a specific LED projector setting as indicated below. Keystone Input Power NOTE: In the event that your LED projector becomes unresponsive, unplug the power cord and wait until your LED projector shuts down. Joystick This joystick allows you to navigate the onscreen display menu and select menu settings.

Page 12: Front View

Front view Lens cover The lens cover protects the lens from scratches and possible dirt build-up. IMPORTANT! Remove the lens cover before using your LED projector. Lens The lens projects video or image files onscreen from your input device. WARNING! Do not touch the lens using your hands or any sharp object.

Page 13: Rear View

Rear view Power (DC) input port Insert the bundled power adapter into this port to supply power to your LED projector. WARNING! The adapter may become warm to hot while in use. Do not cover the adapter and keep it away from your body while it is connected to a power source.

Page 14: Left Side

Power output port This power output port provides up to 5V/2A of output voltage and current. You can connect your mobile device to this port to keep it charged. VGA port This port allows you to connect your LED projector to other VGA-compatible devices.

Page 15: 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. Air vents The air

vents allow cool air to enter and warm air to exit your 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 16: 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 8.2 degrees. Ceiling mount holes Use these holes to connect the LED projector to a ceiling mount.

Page 17: Mounting Your Led Projector

AURA RGB LED The AURA RGB LED provides several lighting schemes for you to customize your LED projector. NOTE: For more details on customizing the AURA RGB LED, refer to the Using the onscreen display menu section in this manual. Mounting your LED projector Aside from using the LED projector as a tabletop device, you can also mount it on the ceiling using the ceiling mount holes on its bottom...

Page 18: Projecting Files From A Mounted Position

Projecting files from a mounted position After mounting your LED projector, you need to change its image position settings to ensure that files are automatically flipped and projected correctly onscreen. To change your image position settings: Navigate to Display > Projection Position on your LED projector.

Page 19: Led Projector Remote Control

LED projector remote control NOTE: Actual appearance may vary depending on model. Battery compartment The battery compartment allows you to use CR2032 lithium coin batteries to power your LED projector's remote control. NOTE: For more details on using the battery compartment, refer to the Replacing the battery section in this manual.

<u>Page 20</u> Remote control buttons These additional buttons allow you to use the LED projector from a distance of up to 8 meters. Power - Press this button to turn your LED projector on or off. Auto focus - Press this button to automatically focus the image.

Page 21: Replacing The Battery

Replacing the battery A. Slide the battery cover down and remove it completely. Remove the old batteries. LED projector E-Manual...

<u>Page 22</u> Insert the new CR2032 lithium coin batteries with the positive sides (+) facing up. D. Slide the battery cover up all the way in until you hear a soft click, indicating that the battery cover is locked back in place. LED projector E-Manual...

Page 23: Remote Control Effective Range

Remote control effective range The remote sensor is located on the rear of your LED projector. The remote control must be held at an angle of ± 30 degrees perpendicular to the projector's remote control to function correctly. The distance between the remote control and the sensor should not exceed 8 meters (about 26 feet).

Page 24 LED projector E-Manual...

Page 25: Chapter 2: Setting Up

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

Page 26: Operating Your Led Projector

Operating your LED projector For your safety and to maintain the quality of this unit, refer to the following steps when operating your LED projector. Connect the LED projector to the power adapter A. Connect the AC/DC power cord to the power adapter. Connect the AC power cord to a power source.

<u>Page 27</u> 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

Page 28: Connect The Led Projector To Your Device

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

Page 29 HDMI LED projector E-Manual...

Page 30 Power output (5V/2A) LED projector E-Manual...

Page 31 D. VGA LED projector E-Manual...

Page 32: Adjust The Height Of The Led Projector

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.

<u>Page 33</u> 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 1.3 1.41 0.45 56.5"...

Page 34: Press The Power Button

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

Page 35: Adjust The Image Focus

Adjust the image focus Push the focus button on the LED projector up or down, or press the focus button on the remote control 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: Using Your Led Projector For The First Time

NOTE: The following screenshots are for reference only and may be updated without prior notice. Screenshots may also vary depending on the LED projector model. Using your LED projector for the first time Refer to the following steps when using your LED projector for the first time.

Page 39: Adjusting Your Led Projector's Settings

Adjusting your LED projector's settings To adjust your LED projector settings: Press the center of the joystick on your LED projector (or press the Menu/OK button on your remote control) to launch the onscreen display menu. Move the joystick up or down (or press the Focus up/Up or Focus down/Down button on your remote control) to select the menu option you would like to adjust.

Page 40: Onscreen Display Menu Options

Onscreen display menu options Image The options under this menu allows you to adjust image options to fine tune your image projection onscreen. Brightness - Select this menu option to adjust the brightness of • your projection onscreen. Contrast - Select this menu option to adjust the contrast of your •...

Page 41: Display

Wall Color - This option allows you to choose a proper color • according to the wall. Gamma - Select this menu option to adjust the gamma of your • projection onscreen. Display The options

under this menu allows you to adjust how the image projection will be displayed.

Page 42: Input

Digital Zoom - This option allows you to zoom in, zoom out, • and pan your projection onscreen. 3D - Select this menu option to adjust 3D settings of your • projection onscreen. Input The options under this menu allows you to select the input source for your LED projector.

Page 43: System

System The options under this menu allows you to configure system settings for your LED projector. OSD Timeout - This option allows you to set the number of • seconds before the onscreen display menu disappears from your projection screen. Sound - This option allows you to adjust the projector sound •...

<u>Page 44</u> Information - Select this menu option to see an overview of • information about your LED projector. Reset all - This option allows you to reset all the settings you • have currently set up for your LED projector. NOTE: Please wait for at least eight (8) seconds for the reset process to complete, then reselect a language.

Page 45: Turning Off Your Led Projector

Turning off your LED projector Press the power button. When the following screen appears, press the power button again to completely turn off your LED projector. LED projector E-Manual...

Page 46: Using 3D Glasses

Using 3D glasses Your LED projector supports 3D technology for an enhanced viewing experience. IMPORTANT! Purchase DLP Link 3D glasses. Your 3D files must be compatible with the 3D format. NOTE: For more details on viewing 3D files, refer to the user guide that comes with your 3D glasses.

Page 47: Multi-Language Versions

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

Page 48 LED projector E-Manual...

Page 49: Appendices

Appendices Appendices Appendices LED projector E-Manual...

Page 50: 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 51: Regional Notice For California

Compliance Statement of Innovation, Science and Economic Development Canada (ISED) This device complies with Innovation, Science and Economic Development Canada licence exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Page 52: Global Environmental Regulation Compliance And Declaration

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 53: Specifications For F1 Series Led Projector

Specifications for F1 series LED projector Display Display Technology 0.47" DLP® Light Source R/G/B LED Light Source Life 30,000 hours (Max) True Resolution FHD 1920x1080 (native) Light

Output (Max) 1200 Lumens Contrast Ratio 3500:1(DCR), 800:1 (Typical) Color Saturation 100% (NTSC) Display Colors 16.7 Million Colors...

<u>Page 54</u> Signal Analog Signal Horizontal: $15.37 \sim 91.14$ KHz Frequency Frequency Vertical: $24 \sim 60$ Hz Digital Signal Horizontal: $15.37 \sim 91.14$ KHz Frequency Vertical: $24 \sim 120$ Hz Power Power On Mode <120W Standby Mode <0.5W Noise Acoustic Noise Standard mode: 32dB - 34dB Theater mode: 28dB - 30dB Input or PC Signal Input...

<u>Page 55</u> Weight Net Weight (Esti.) 1.80 Kg Gross Weight (Esti.) 3.80 Kg Operating Temperature 0 ~ 40 Operating Humidity 20 ~ 90% Accessories Carrying bag, power adapter, power cord, HDMI cable, Quick Start Guide, remote control, warranty card Specifications are subject to change without prior notice. ** Product availability may vary by region.

Page 56: Supported Pc Timings

Supported PC Timings Resolution Mode Refresh rate (Hz) H-frequency (kHz) $720 \times 400 720 \times 400_{70} 70.087 31.469 \text{ VGA_} 60 59.94 31.469 640 \times 480 \text{ VGA_} 72 72.809 37.861 \text{ VGA_} 75 37.5 SVGA_60 60.317 37.879 800 <math>\times 600 \text{ SVGA_} 72 72.188 48.077 \text{ SVGA_} 75 46.875 \text{ XGA_} 60 60.004 48.363...$

Page 57 HDMI (PC) Resolution Mode Refresh rate (Hz) H-frequency (kHz) 720 x 400 720 x 400 70 70.087 31.469 VGA 60 59.94 31.469 640 x 480 VGA 72 72.809 37.861 VGA 75 37.5 SVGA 60 60.317 37.879 800 x 600 SVGA 72 72.188 48.077 SVGA 75 46.875 XGA 60 60.004 48.363 1024 x 768...

<u>Page 58</u> Directive 2014/53/EU. Full text of EU declaration of conformity is available at https://www.asus.com/support/ The WiFi operating in the band 5150-5350MHz shall be restricted to indoor use for countries listed in the table below:...