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Lepow Z1-Black

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MODEL: Z1-BLACK | BRAND: LEPOW

1. Introduction

The Lepow Z1-Black 15.6-inch portable monitor is designed to enhance your viewing experience with its Full HD 1080P IPS display. Featuring a 178° wide viewing angle and Eye Care technology, it aims to reduce eye strain during extended use. Its ultra-slim and lightweight design makes it an ideal companion for productivity and entertainment on the go.

This manual provides detailed instructions for setting up, connecting, operating, and maintaining your Lepow portable monitor to ensure optimal performance and longevity.

2. What's in the Box

Upon unboxing, please verify that all the following items are included:

- Lepow Portable Monitor (Z1-Black)
- HDMI to Mini HDMI Cable
- Type-C to Type-C Cable
- USB-A to Type-C Cable (for Power Supply)
- Smart Cover
- Wall Charger
- User Guide

Full Package List



Figure 2.1: Full Package List of the Lepow Portable Monitor.

If any items are missing or damaged, please contact Lepow customer support immediately.

3. Product Features

- **High-Resolution Display:** Enjoy a vibrant 15.6-inch Full HD (1920x1080) IPS screen with a 178° wide viewing angle. Integrated Eye Care technology helps reduce fatigue during prolonged use.
- **Versatile Connectivity:** Equipped with two full-featured Type-C ports and one Mini HDMI port, allowing seamless connection to various devices including laptops, smartphones, PCs, PS3/PS4, Xbox One, and Nintendo Switch.
- **Portable Design:** With an ultra-slim 0.3-inch profile and a weight of just 1.76 pounds, this monitor is designed for maximum portability, making it easy to carry for work or travel.
- **Protective Smart Cover:** The included durable PU leather smart cover not only protects the monitor but also folds into an adjustable stand, offering multiple viewing angles.
- **Integrated Audio:** Dual built-in speakers provide efficient audio output for multimedia files, enhancing your music, movie, and gaming experience.

- **HDR Mode:** Supports HDR mode for excellent mainstream transmission, delivering enhanced video quality for games and entertainment.

FHD 1080P IPS Screen

Enjoy immersive images from a 178° viewing angle



Lepow

IPS
IPS Panel

1080P
FHD 1080P

HDR
HDR

16.7
Million Colors

178°
178° Wide Viewing Angle

Figure 3.1: The Lepow Portable Monitor features a vibrant FHD 1080P IPS screen with a 178° viewing angle.



Figure 3.2: The monitor's ultra-slim design (0.3 inches thick, 1.7 lbs) ensures high portability.

4. Setup

4.1 Applying the Screen Protector

The Lepow portable monitor comes with a pre-applied screen protector from the factory. No additional screen protector is provided or needed. If you wish to replace it, follow these general steps:

1. Clean the screen thoroughly with the provided wipes (wipe 1 for wet cleaning, wipe 2 for drying).
2. Use a dust absorber sticker to remove any remaining dust particles.
3. Carefully align the new screen protector with the edge of the monitor and slowly apply it, smoothing out any bubbles.

Video 4.1: Official Lepow Portable Monitor Full Introduction, demonstrating unboxing and setup, including screen protector application.

4.2 Using the Smart Cover as a Stand

The smart cover is designed to function as a protective case and a stable stand. Simply bend the cover to magnetically attach it to the back of the monitor, creating a triangular support. The cover allows for multiple viewing angles by adjusting its folds.

Optional Landscape & Portrait

More possibilities for your productivity

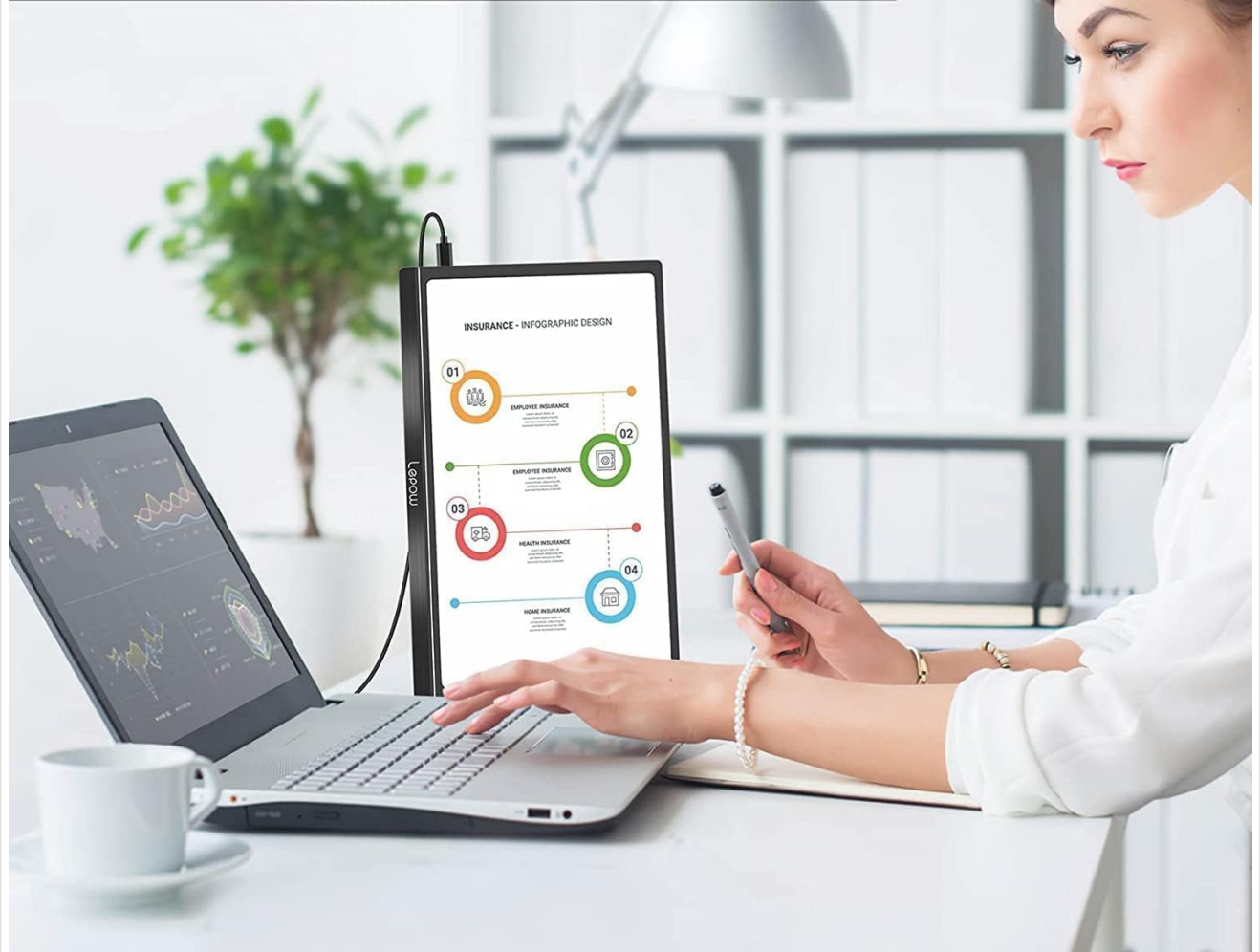


Figure 4.2: The smart cover allows for both landscape and portrait orientations.

5. Connection

The Lepow portable monitor offers flexible connectivity options. Ensure the monitor is powered on before connecting to your device.

5.1 Connecting to a Laptop/PC

Using USB-C: If your laptop/PC has a full-featured USB-C 3.1 port (which supports both video and power), connect the monitor using the provided Type-C to Type-C cable. This single cable can provide both power and video signal.

Using HDMI: Connect the provided HDMI to Mini HDMI cable from your laptop/PC's HDMI port to the monitor's Mini HDMI port. When using HDMI, an external power supply (5V/3A or above) is required for the monitor. Connect the USB-A to Type-C power supply cable from a power source (e.g., wall charger, laptop USB-A port) to the monitor's power-only Type-C port.

Wide Compatibility



Figure 5.1: Monitor ports and compatibility with various devices.

5.2 Connecting to a Smartphone

Only phones with a fully functional USB-C 3.1 port can directly connect to the monitor using the Type-C to Type-C cable for both video and power. For iPhones, a Lightning to HDMI adapter is required, along with an external power supply for the monitor.



Figure 5.2: Connecting a smartphone to the portable monitor.

5.3 Connecting to Gaming Consoles

Connect gaming consoles (PS3, PS4, Xbox One, Nintendo Switch) using the HDMI to Mini HDMI cable. An external power supply is required for the monitor when using HDMI with gaming consoles.

6. Operating

6.1 Display Modes (Extend, Duplicate, Second Screen Only)

After connecting your device, you can configure the display mode through your operating system's display settings:

- **Extend Mode:** Expands your desktop across both screens, allowing for increased workspace and multitasking.
- **Duplicate Mode:** Mirrors your primary screen's content onto the portable monitor, ideal for presentations or sharing content.
- **Second Screen Only:** Displays content only on the portable monitor, turning off your primary screen.

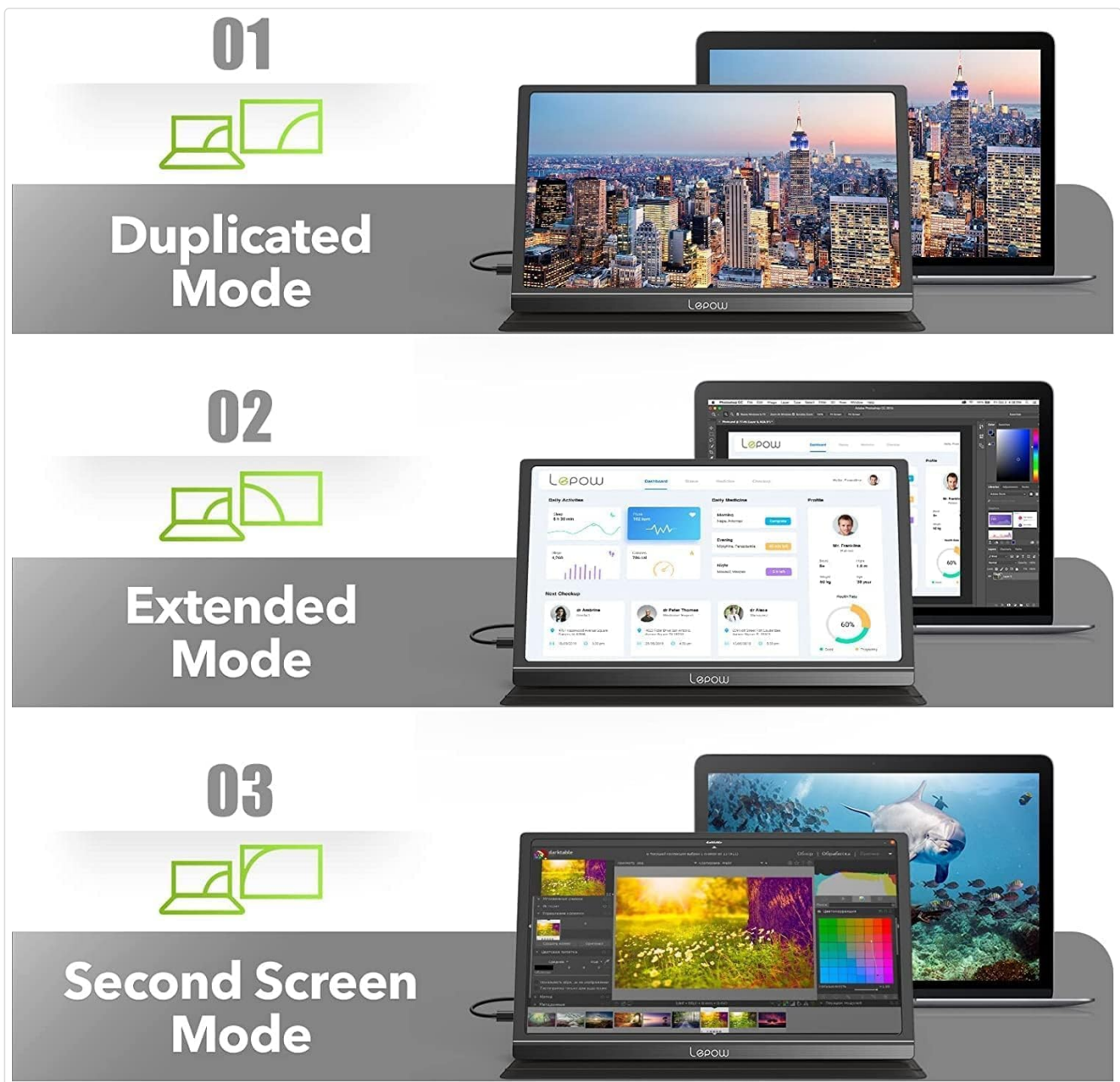


Figure 6.1: Various display modes for enhanced productivity.

6.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various settings of the monitor. Use the physical buttons on the side of the monitor to navigate:

- **Volume/Up Button:** Adjusts audio volume or navigates up in the menu.
- **Brightness/Down Button:** Adjusts screen brightness or navigates down in the menu.
- **Menu/Confirm/ESC Button:** Press to open the OSD menu, confirm a selection, or exit a menu.

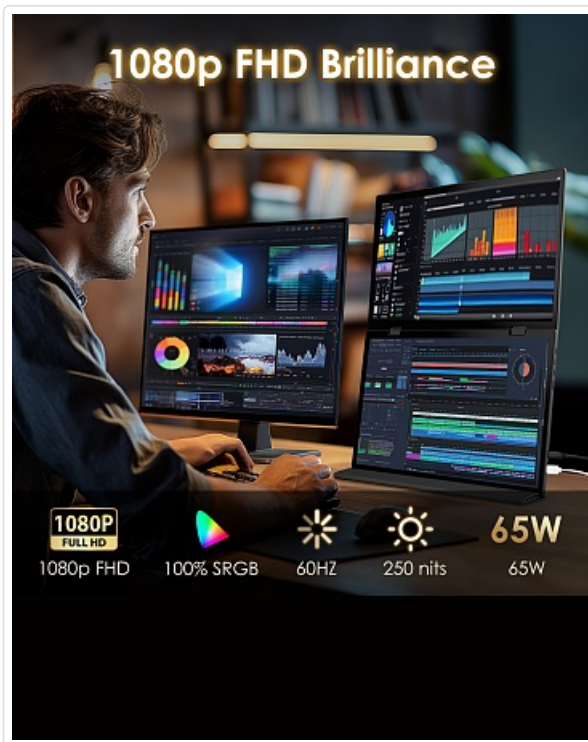


Figure 6.2: Monitor control buttons for OSD menu navigation.

6.3 Screen Orientation (Landscape/Portrait)

You can change the display orientation between landscape and portrait modes through your connected device's display settings. Note that some PCs may not support automatic orientation changes.

7. Maintenance

7.1 Screen Cleaning

To clean the monitor screen, gently wipe the surface with a soft, lint-free cloth. For stubborn stains, a mild screen cleaner specifically designed for electronics can be used. Avoid harsh chemicals or abrasive materials that could damage the screen.

7.2 Storage

When not in use, store the monitor in its smart cover to protect it from dust, scratches, and minor impacts. Avoid placing heavy objects on top of the monitor.

8. Troubleshooting

- **No Signal/Display:** Ensure all cables (USB-C, HDMI, power) are securely connected. Verify that the correct input source is selected on the monitor and that your connected device's display settings are configured to output to the external monitor.
- **Flickering Screen:** This can often be resolved by ensuring the monitor has sufficient power. If using HDMI, confirm an external power supply is connected. Try a different cable or port.
- **Brightness/Color Issues:** Access the OSD menu using the monitor's buttons to adjust brightness, contrast, color temperature, and other display settings.
- **No Sound:** Check the monitor's volume settings via the OSD menu. Ensure your connected device's audio output is directed to the monitor or its connected headphones.
- **Monitor Not Detected by PC:** In your PC's display settings, click the <Detect> button. If the issue persists, restart your computer and try again.

9. Specifications

Feature	Specification
Model Number	Z1-Black
Product Dimensions	8.8 x 14.5 x 0.34 inches
Item Weight	1.7 pounds
Screen Size	15.6 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Aspect Ratio	16:9
Image Brightness	300 Candela
Total USB Ports	2 (Type-C)
Voltage	110 Volts
Manufacturer	Lepow Creative Technology

10. Warranty and Support

Lepow offers an extended warranty for its products. You can extend your standard 12-month warranty by an additional 30 months by registering your product. Please refer to the included User Guide for detailed instructions on warranty registration and how to contact Lepow customer support for any inquiries or technical assistance.