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VILVA V156F1

VILVA 15.6" 1080P FHD IPS Portable Monitor (Model V156F1) User Manual

Model: V156F1

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your VILVA 15.6-inch 1080P FHD IPS Portable Monitor, Model V156F1. This monitor is designed to offer an extended display solution for various devices, featuring a 1920x1080 resolution IPS screen, USB-C and HDMI connectivity, and integrated speakers.



Image: The VILVA 15.6-inch portable monitor displaying vibrant colors, shown with its integrated stand.

The monitor's slim profile and lightweight design enhance portability, making it suitable for various environments. It includes a magnetic cover for protection and versatile positioning.



Image: A hand holding the VILVA portable monitor, illustrating its thinness (0.19 inches) and light weight (1.88 pounds).

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- VILVA 15.6" Portable Monitor
- Magnetic Cover
- USB-C to USB-C Cable
- Mini HDMI to HDMI Cable
- User Guide
- Quick Start Guide



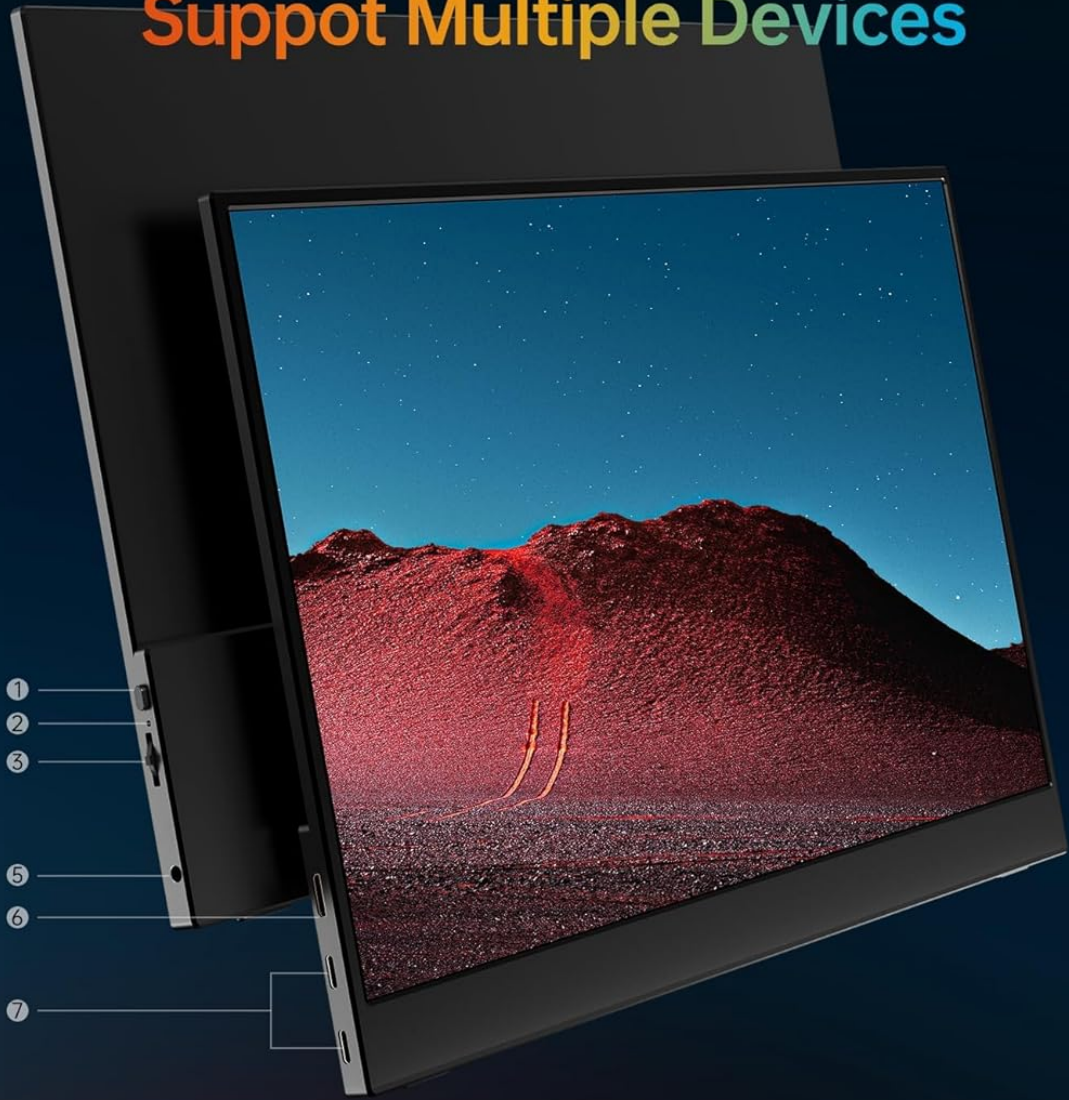
Image: An illustration detailing the contents of the product box, including the monitor, cables, magnetic cover, and documentation.

3. PRODUCT OVERVIEW

Familiarize yourself with the ports and controls on your portable monitor:

1. **Power Button:** Turns the monitor on/off.
2. **Power Indicator Light:** Indicates power status.
3. **Multi-function Key:** Navigates the On-Screen Display (OSD) menu.
4. **3.5mm Headphone Jack:** For audio output.
5. **Mini HDMI Port:** For video input from compatible devices.
6. **Type-C (Full Function) Ports (x2):** For power, video, and data transfer.

Support Multiple Devices



- ① Power Button ② Power Indicator Light ③ Multi-function Key
- ⑤ 3.5mm Headphone Jack ⑥ Mini HDMI ⑦ Type-C (Full Function)

Type-C (Full Function)

Mini HDMI Port



Phone



Pad



Macbook



Laptop



Switch



Xbox



Ps5/4



PC

Image: A detailed view of the monitor's side, highlighting the power button, indicator light, multi-function key, headphone jack, Mini HDMI port, and two full-function USB-C ports.

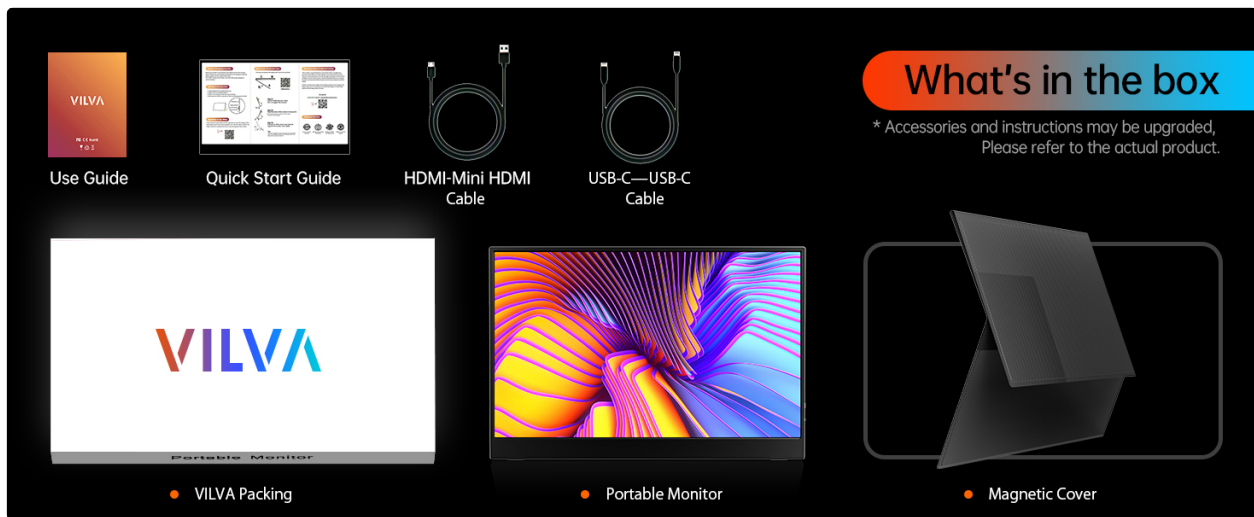


Image: An expanded diagram showing the Type-C (Full Function) ports and Mini HDMI port, along with examples of compatible devices for each.

4. SETUP INSTRUCTIONS

4.1 Powering the Monitor

The monitor requires power to operate. It can be powered via a USB-C connection from a compatible device or an external power adapter (not included, but a USB-C cable is provided).

4.2 Connecting to Devices

The VILVA portable monitor offers flexible connectivity options:

- **Single Cable Connection (USB-C):** If your device (laptop, phone, etc.) has a full-function USB-C port that supports power delivery and video output (DisplayPort Alternate Mode), you can connect the monitor using a single USB-C to USB-C cable. This cable will provide both power and video signal.
- **Two Cable Connection (HDMI + USB-C):** For devices with an HDMI output (e.g., PC, gaming console) or a USB-C port that only supports video output, you will need two cables. Connect the Mini HDMI to HDMI cable for video, and a USB-C to USB-C cable to one of the monitor's Type-C ports for power.

One Cable Connect



Two Cable Connect



Image: Visual guide demonstrating how to connect the monitor using a single USB-C cable for both power and data, or two cables (USB-C for power and Mini HDMI for data).

The monitor is compatible with a wide range of devices, including laptops, PCs, MacBooks, tablets, smartphones, Xbox, PlayStation (PS3/PS4/PS5), and Nintendo Switch.

USB Type-C, Plug & Play

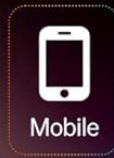


Image: The portable monitor displaying a game from a Nintendo Switch, illustrating its plug-and-play compatibility with gaming consoles via USB-C.

5. OPERATING INSTRUCTIONS

5.1 Display Modes

When connected to a computer, the monitor supports various display modes:

- **Duplicated Mode:** Mirrors the content of your primary display.
- **Extend Mode:** Extends your desktop, providing additional screen space.

- **Second Screen Mode:** Uses only the portable monitor as the display.

These modes can typically be configured through your operating system's display settings.

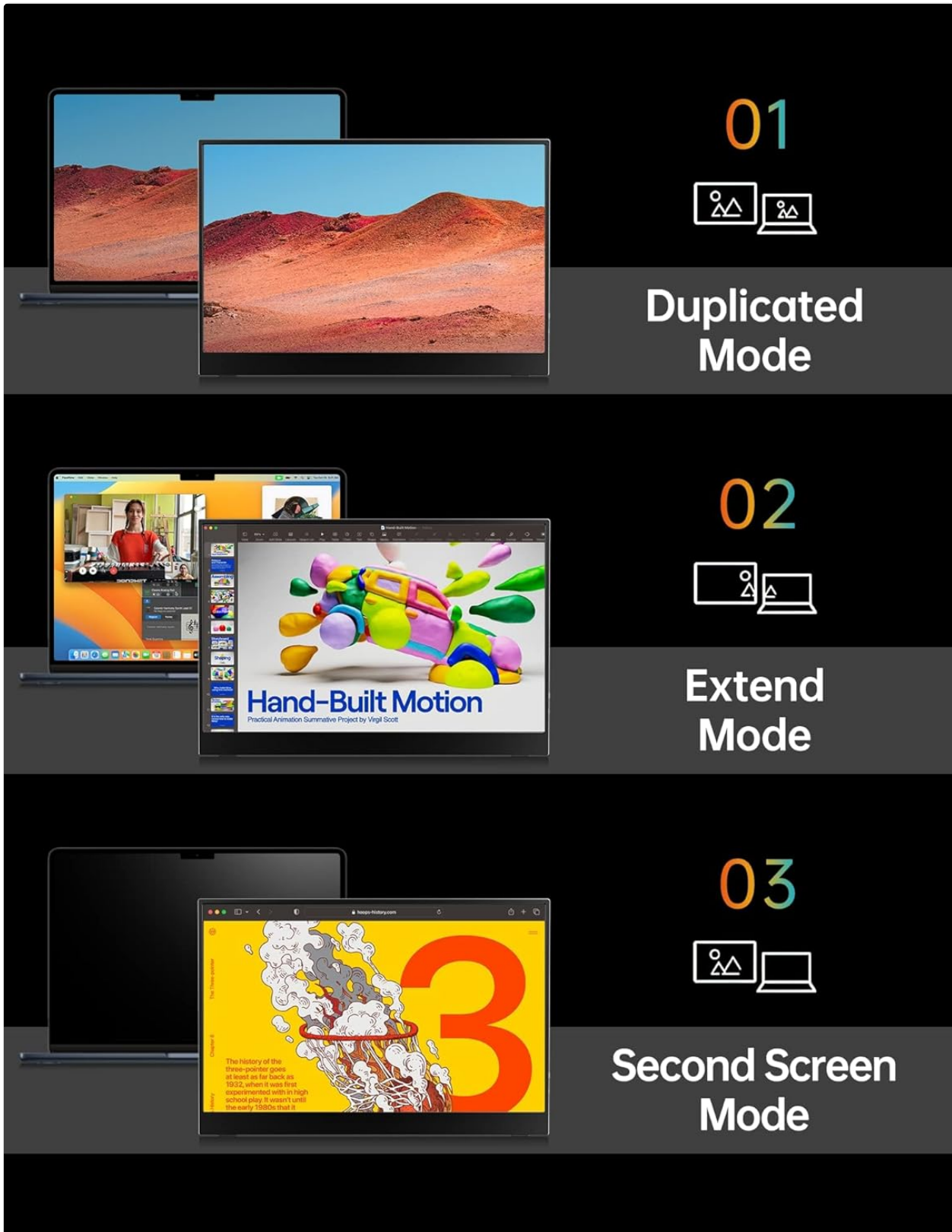


Image: Visual representation of the three primary display modes: Duplicated, Extend, and Second Screen, demonstrating how the portable monitor can be used with a laptop.

5.2 On-Screen Display (OSD) Menu

Use the Multi-function Key to access and navigate the OSD menu. This menu allows you to adjust various display settings:

- **Brightness & Contrast:** Adjust the display's luminance and contrast levels.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Picture Modes:** Select from predefined modes such as Standard, Movie, Game, and Text for optimized viewing.
- **Input Source:** Manually select the video input (USB-C or HDMI).
- **HDR Mode:** Enable or disable High Dynamic Range for enhanced contrast and color.
- **Low Blue Light Technology:** Reduces blue light emission to minimize eye strain.



Image: A visual comparison demonstrating the effect of Low Blue Light Technology on the display, showing reduced blue light for eye comfort.

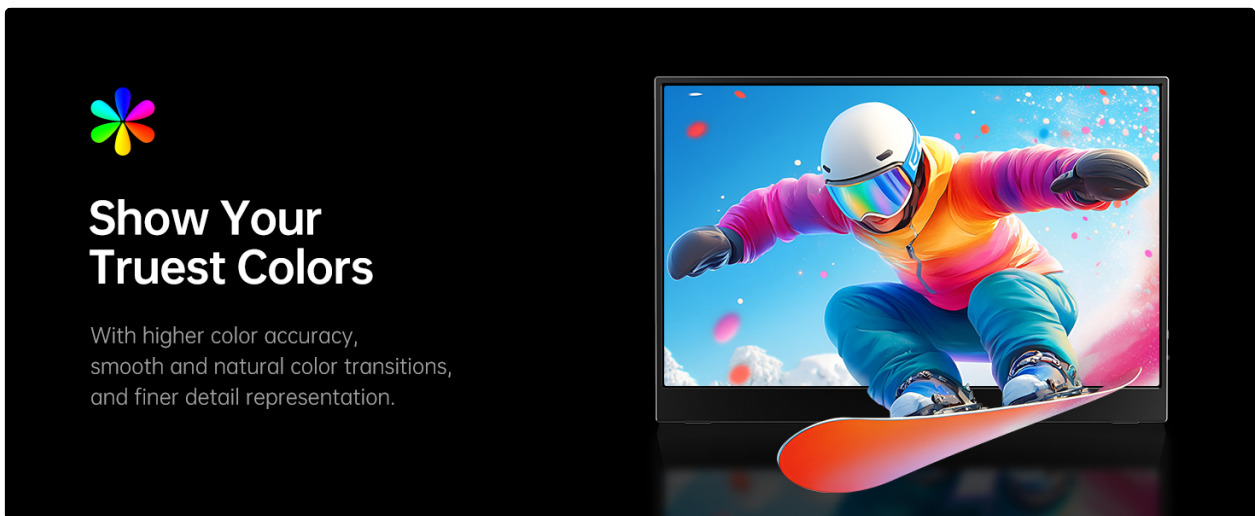


Image: A split-screen comparison illustrating the visual difference between HDR (High Dynamic Range) and SDR (Standard Dynamic Range) modes, highlighting improved highlights and contrast with HDR.

5.3 Audio

The monitor features built-in dual stereo speakers for audio output. You can also connect headphones or external speakers via the 3.5mm headphone jack.

Extend iPhone to a Big Screen

Old version iPhone (before iPhone 15) needs a Lightning to HDMI adapter.



Image: A close-up view of the monitor's top edge, indicating the location of the dual 1W speakers.

6. MAINTENANCE

6.1 Cleaning the Monitor

- Always power off and unplug the monitor before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Avoid using alcohol, ammonia, or abrasive cleaners, as these can damage the screen or casing.
- Do not spray liquid directly onto the screen.

6.2 Storage

- When not in use, store the monitor in a cool, dry place.
- Utilize the provided magnetic cover to protect the screen from dust and scratches.
- Avoid placing heavy objects on the monitor.

7. TROUBLESHOOTING

If you encounter issues with your VILVA portable monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display / "No Signal" message	Incorrect input source selected, loose cable connection, insufficient power, device not outputting signal.	Ensure cables are securely connected. Verify the input source in the OSD menu. Confirm your device is configured to output to an external display. Ensure the monitor is receiving adequate power, especially if using a single USB-C cable with a device that has limited power output.
Flickering screen or unstable display	Loose cable, power fluctuations, incompatible resolution/refresh rate.	Check all cable connections. Try a different cable. Ensure the monitor is receiving stable power. Adjust the display resolution or refresh rate on your connected device.

Problem	Possible Cause	Solution
Poor image quality (colors, sharpness)	Incorrect OSD settings, cable quality, device output settings.	Adjust brightness, contrast, and color settings in the OSD menu. Ensure HDR mode is correctly configured if desired. Try a different cable. Check your device's display settings for optimal output.
No sound from speakers	Volume too low, audio output not directed to monitor, mute enabled.	Increase monitor volume via OSD. Ensure your device's audio output is set to the VILVA monitor. Check if the monitor or device is muted.
Monitor does not power on	No power supply, faulty cable.	Ensure the USB-C power cable is connected and receiving power. Try a different USB-C cable or power source.
Magnetic cover stand is unstable	Incorrect positioning of the cover.	Ensure the magnetic cover is folded correctly to form a stable triangular stand. Adjust the angle for better balance.

8. SPECIFICATIONS

Key technical specifications for the VILVA 15.6" Portable Monitor (Model V156F1):

15.6" Outstanding Color Expression



1080P

1920*1080P

16:9

16:9 Aspect Ratio

15.6"

15.6 Inch

178°

178° View Angle



100%
Color Mode



1000:1
Contrast Ratio Static



6500k
Color Support



1ms
Fast Response

Image: The portable monitor displayed vertically, accompanied by a graphic detailing its specifications including 1080P resolution, 15.6-inch size, 16:9 aspect ratio, 178° view angle, 100% color mode, 1000:1 contrast ratio, 6500k color support, and 1ms fast response.

Feature	Detail
Model Number	V156F1
Screen Size	15.6 inches
Display Type	IPS

Feature	Detail
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Image Brightness	300 cd/m ² (typical)
Screen Surface	Matte
Connectivity	2x USB-C (Full Function), 1x Mini HDMI
Audio	Built-in Dual Speakers, 3.5mm Headphone Jack
Product Dimensions	14.48 x 8.85 x 0.3 inches
Item Weight	3.83 pounds

9. WARRANTY INFORMATION

VILVA provides a 2-year unlimited warranty for this portable monitor. This warranty covers manufacturing defects and ensures product reliability under normal use. For specific terms and conditions, please refer to the warranty documentation included with your product or contact customer support.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty claims, please contact VILVA customer support. Our dedicated technical research team is available to provide professional assistance. Refer to the contact information provided in your Quick Start Guide or visit the official VILVA website for support details.