



Westinghouse

User Manual

Products:

WH156FP

DO NOT RETURN THIS PRODUCT TO THE STORE

If you have questions or need assistance, please call customer service at (800) 701-0680.

Important Safety Instructions

WARNING

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Always turn the unit off and unplug the power cord when cleaning the unit. Clean only with a soft-dry cloth.
7. Do not block any ventilation openings.
8. Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at the point where they exit from the apparatus.
10. Only use attachments/accessories specified within this manual.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Do not attempt to repair this appliance yourself. Do not attempt to open or dismantle this product. Doing so may result in electric shock or physical injury.
13. The External Power Supply is a Class I (Earthed Device). Please ensure you connect the mains plug to an earth mains outlet. If unsure, please seek advice from your local qualified electrician.
14. Please ensure the appliance, remote, accessories or batteries are not placed in a position where they are exposed to heat sources, direct sunlight or any other hazard.
15. Please only use the external power adaptor provided by the manufacturer.
16. To prevent injury, this apparatus must be securely attached to the supporting surface in accordance with the installation instructions.

IMPORTANT INFORMATION

Please ensure that this appliance is positioned in a sufficiently stable location. Failure to take the appropriate safety measures may result in injuries, particularly to children, damage to property or to the appliance.

- Only use cabinets or stands that are suitable for the specifications of this appliance. A stand has been provided with this appliance however, if you choose to use alternative methods, this is at your own risk. The manufacturer or supplier only recommends to use the stand provided.
- Only using furniture that can safely support the television.
Do not place the appliance on any unstable surface, stand or in a position that may create hazard for the appliance, the user or any surroundings.
- Do not place the television on tall furniture or wall brackets unless an appropriate anchoring or securing method has been used.
- Do not place the television on cloth or other unstable materials.
- Educate children about the dangers of climbing on furniture to reach the television or its controls. It is recommended to always supervise children at all times when they are around electrical or electronic appliances.

Seek advice from an appropriate expert when attempting to mount this appliance on a wall.

Important Safety Instructions

WARNINGS:

- This appliance is intended for household use only, and not for commercial or industrial use.
- Only connect the power plug to a suitable 100-240V~ 50/60Hz earthed mains socket.
- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Install the unit at an adequate distance from the wall to allow sufficient ventilation. Any ventilation holes should not be impeded with items, such as newspaper, fabric, curtains etc. Do not place the unit in a poorly ventilated enclosure, such as an enclosed cabinet.
- To reduce the risk of fire or electric shock, do not expose the apparatus to rain or moisture.
- Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit. Always place the unit on a flat stable surface.
- Do not place on top of any other appliance.
- Do not place a burning candle or similar on top of the unit.
- Do not place the unit near any heat source such as a fireplace or space heater.
- Keep the unit clean and never store it next to a heat source or in dirty, humid or wet places.
Keep it out of direct sunlight.
- Do not insert any objects or liquids, into the ventilation openings or terminals.
- Press the buttons gently. Pressing them too hard can damage the unit.
- When moving the unit, be sure to turn the unit off and unplug the power cord from the wall outlet.
- If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the help line shown on the front of this manual.

Image Persistence

This product is not designed to have a fixed image patterns on the screen for extended periods of time.

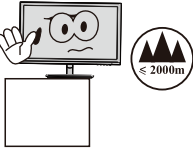
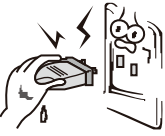
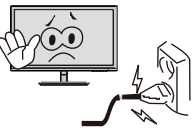
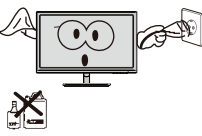
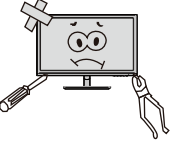
	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

 This “bolt of lightning” indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

 The “exclamation point” calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

I. Safety Prevention Measures

			
Please always place this device on a stable surface; otherwise, it may fall and be damaged.	The altitude and the tropical environment the adapter fits depend on which adapter is used for the device. The rating plate on the back of the device with the above warning sign indicates that this product is applicable for the safe use of the region with altitude of 2,000m and below.	Do not hold the plug with wet hand; otherwise, electric shock may occur. Make sure the plug has a good touch because poor touch may cause fire.	Do not use a broken power plug nor keep a power cord near heat source; otherwise, electric shock or fire may occur.
			
When cleaning the device, be sure to remove the power plug, use a piece of soft cloth rather than industrial chemical to clean the device, be sure not to let water enter the device.	Do not disassemble this device without permission. In case of failure, be sure to contact a professional servicing person to fix it. The unauthorized disassembly of this device may result in electric shock or fire.	In case of rare smell or noise out of this device, be sure to immediately cut off the power supply and ask a professional servicing person to fix the problem.	When this device is idle for long time, be sure to power it off; otherwise, electric shock or fire may occur.

Note:

The device with AC switch may use such AC switch as cut-off component.

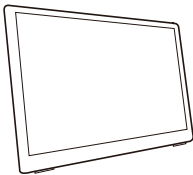
The device without AC switch may use power plug or coupler as cut-off component.

In case of the normal use of the equipment, make sure the cut-off component can be accessed easily.

2. Product introduction

Packing list

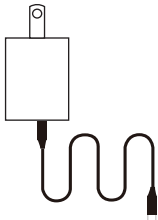
- Please check that the package of the monitor contains all parts. If any part is lost, please contact the distributor.
- The color and shape of parts may vary with models. Figures in this User Manual are for reference only.
- Wires supplied may vary with purchased products. Figures in this User Manual are for reference only.



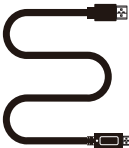
Portable Monitor



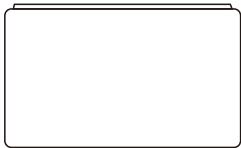
Type-C cable



PD Charger



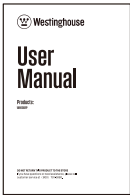
Mini HDMI Cable



Leather case



Tech Support Card



User Manual



Warranty Card

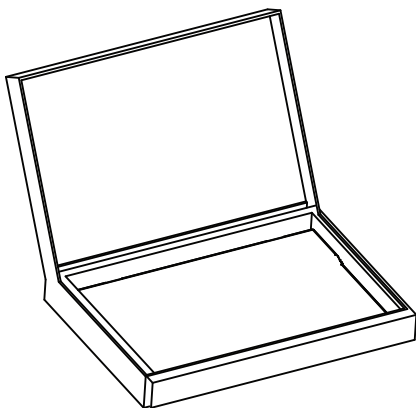


Quick Start Guide

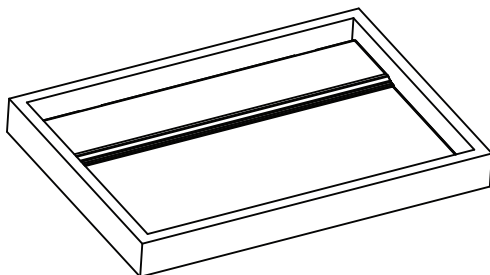
- Redundant screws can be used as spare screws.
(The above pictures are for illustration only and the physical accessories shall govern.)

3. Open package

1. Open the package to take out EPE foam and put them on a flat tabletop.



2. Remove the upper EPE foam cover and put it aside, the monitor in the lower EPE foam cover.



4. Usage

Installation

To install the monitor on your host system, please follow the steps below:

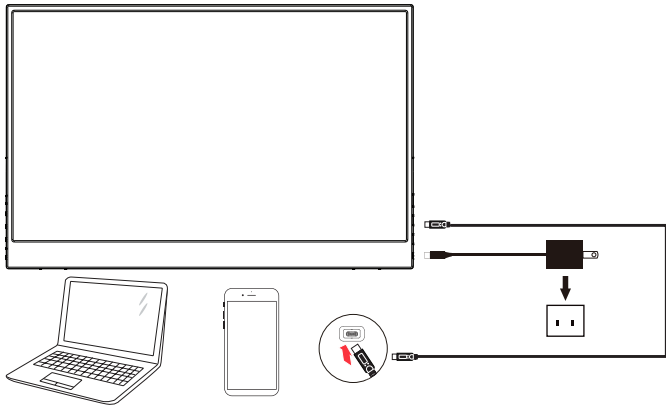
Steps

Connect the monitor to your computer

1. Connect the signal transmission cable (Thunderbolt 3 (USB-C) cable) to the monitor's Type-C jack and the Type-C output jack of the computer's display card.
2. The monitor does not require an external power supply via its micro USB port when it is connected to the computer; it only requires a single signal transmission cable (the Thunderbolt3 (USB-C) cable).

Connect the screen to your phone

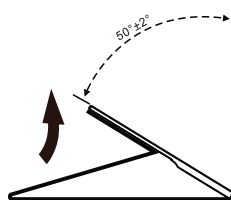
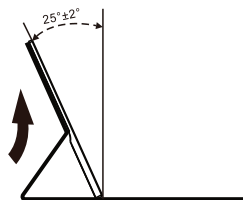
1. Connect the signal transmission cable to the Type-C jack of the monitor and the Type-C output jack on your phone.
2. Some underpowered phones require an external power supply via the monitor's micro USB port when in use.



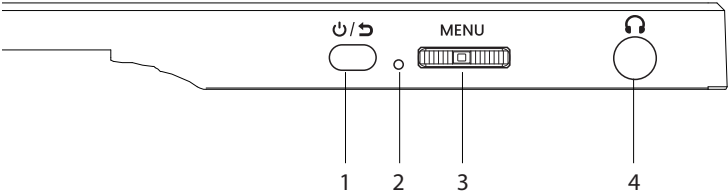
5. Adjusting the monitor

Attaching the monitor to the base

1. Remove the monitor leather case from the packaging and place it on a stable and level workspace.
2. Open leather case. The viewing angle of the monitor can be adjusted using the leather case.
(As shown below)



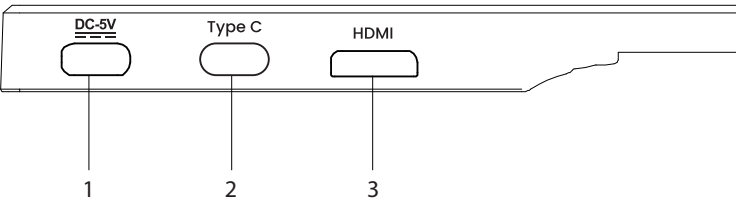
6.CONTROLS AND CONNECTIONS



External controls

1		SOURCE / EXIT	a. Press this to select signal channel. b. In OSD menu, short time press to exit menu.
		Power On/Off	c. Long time press this button to turn Off. d. Press and hold for 3 seconds to enter the power-on state.
2		LED Indicator	Turns the monitor on/off. Blue indicates power on. Alternate red and blue flash indicates standby/ power saving mode.
3		Menu	a. Press this button to display the menu.
		OK	b. Press this button to confirm the selection when in OSD menu.
		Brightness	a. Press this button to adjust the brightness directly.
		Up	b. Press this button to select the desired item when in OSD menu.
		Volume	a. Press this button to adjust the volume directly.
		Down	b. Press this button to select the desired item when in OSD menu.
4		EARPHONE	When earphones are plugged in, speakers are disabled.

CONTROLS AND CONNECTIONS



External controls

1	<u>DC-5V</u>	TYPE-C Power supply port	Support PD power supply
2	Type C	Full-function interface	Support charge and discharge and audio and video
3	HDMI	Mini HDMI	Version 1.4 HD Interface

7. OSD menu

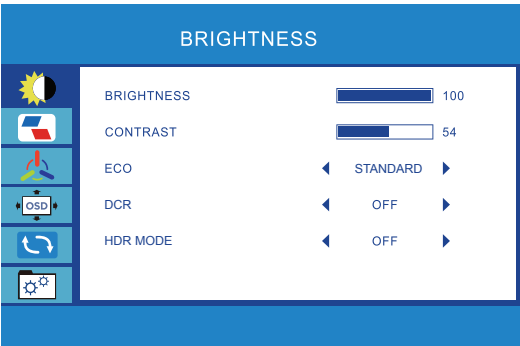
Menu description

- Connect the monitor to a power outlet.
 1. Press and hold the Power button on the monitor to turn it on (The indicator will turn blue).
 2. Connect the monitor to your device with a HDMI cable the corresponding input on the monitor. The input source will be automatically.
 3. To change between inputs, press the "⏻ / ↶" button to enter the source menu. Use the "↑" and "↓" buttons to choose the input source between HDMI1 and TYPE C.



BRIGHTNESS

After entering the OSD menu, you can adjust the parameters of image mode, color, game settings, audio settings, input selection, system settings, and information.



- Functions of the monitor vary with models, and the functions in this manual are for reference only.

Main menu	Secondary menu	Third menu
BRIGHTNESS	BRIGHTNESS	0~100
	CONTRAST	0~100
	ECO	STANDARD/GAME/MOVIE/TEXT
	DCR	ON/OFF
	HDR MODE	AUTO/2084/OFF
IMAGE	ASPECT	WIDE/4:3
COLOR TEMP	COLOR TEMP	NORMAL/USER/WARM/COOL
	RED	0~100
	GREEN	0~100
	BLUE	0~100
OSD SETTING	LANGUAGE	ENGLISH/ETC.
	OSD H.POS	0~100
	OSD V.POS	0~100
	OSD TIMER	0~100
	TRANSPARENCY	0~100
RESET	RESET	/
MISC.	SIGNAL SOURCE	HDMI
	MUTE	ON/OFF
	VOLUME	0~100
	ADAPTIVE SYNC	ON/OFF

Troubleshooting

Before sending your LCD monitor for servicing, please check the troubleshooting list below to see if you can self-diagnose the problem

Type-C model

Problem	LED status	Remedy
No picture visible	Blue	Using the OSD, adjust brightness and contrast to maximum or reset to their default settings.
	Off	Check the power switch.
		Check if the power cord is properly connected to the monitor.
	Red and blue flashing alternately	Check if the video signal cable is properly connected at the back of monitor. Check if the computer system is switched on and in power saving/standby mode.
Unstable picture		Check if the specification of graphics adapter and monitor is in compliance which may be causing the input signal frequency mismatch.
Abnormal picture	Image is missing, off-center, too large or too small on the screen.	Check the display setting on your system. In case of a missing image, please select another resolution or vertical refresh rate.
		Wait for a few seconds after adjusting the size of the image before changing or disconnecting the signal cable or switching off the monitor.

8. Basic parameters

Product Name		15.6" Portable Monitor
Product model		WH156FP
Screen Size		15.6inches
Aspect Ratio		16:9
Viewing Angle		178°(H) / 178°(V)
Contrast ratio		1000:1 (TYP)
Colors		16.7M(8bit)
Resolution		1920×1080
Maximum refresh rate		60Hz
Product Dimensions	Without Leather case	18.39"x 14.41"x 0.315"
	With Leather case	14.04"x 8.85"x 0.397"
speaker		2 x1watt
Environmental conditions	Action	Temperature: 0 ~ + 40°C Humidity: 20% ~ 85% RH Non-Condensing
	Storage	Temperature: -10°C ~ +60°C Humidity: 10% ~ 90% RH Non-Condensing

(The actual application of the above parameters shall be subject to the specific model.)



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