



B R E L Y O N

Brelyon Ultra Reality™

User Manual

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LICENSE

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.



ASSEMBLING AND PREPARING

⚠ CAUTION Please keep in mind the following guidelines while using BRELYON Ultra Reality™:

- Always use it on a flat and stable surface.
- Always use in standard indoor operating conditions:
 - Temperature: 5-35°C
 - Humidity: 10%-70% (non-condensing)
- Storage conditions: Temperature: -10-40°C
- Do not place anything on top of the monitor.
- Be careful while applying force to the monitor from certain angles as it may tip or fall.
- Use only genuine components included in the package to ensure safety and best product performance.
- Do not apply any foreign substances such as oils or lubricants to the screw parts during assembly as it may damage the product.
- While tightening the screws, avoid applying excessive force as it may damage the monitor.
- Do not carry the monitor by its legs as it may cause the monitor to fall and result in injury. Always hold from the bottom of both sides and preferably have two people each holding one side from the bottom-right and bottom-left of the monitor.
- Avoid touching the monitor screen.

⚠ NOTE

- The components may look different from those illustrated here.
- All product information and specifications in this manual are subject to change without prior notice to improve the product's performance.
- The power cord provided may differ depending upon the region.

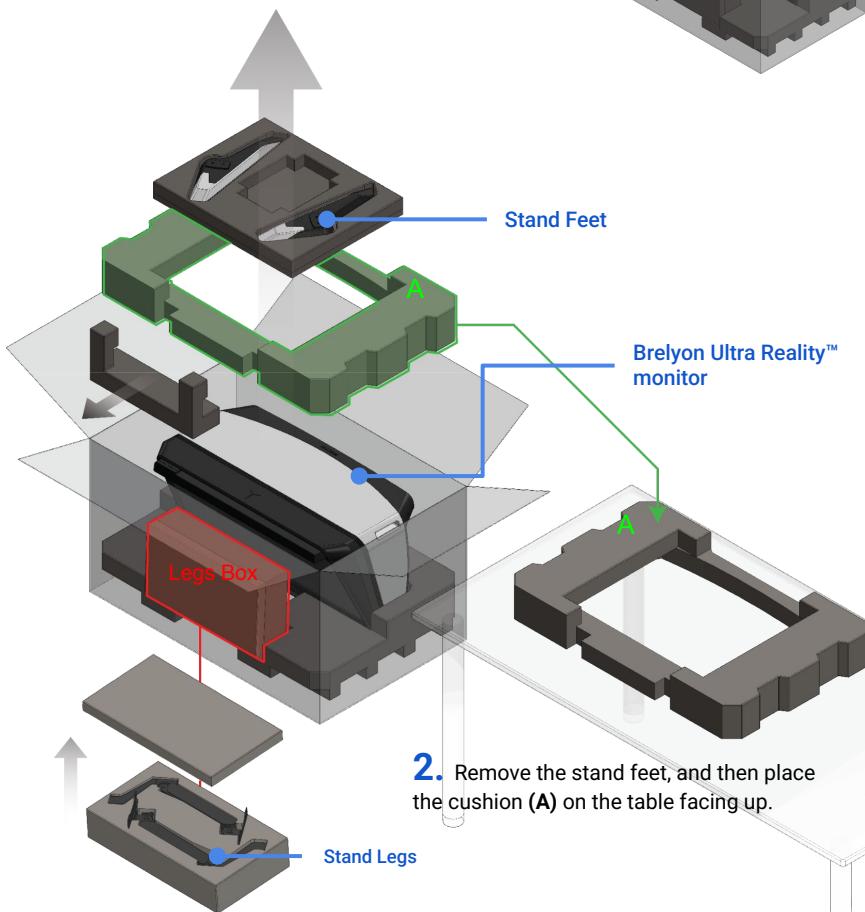
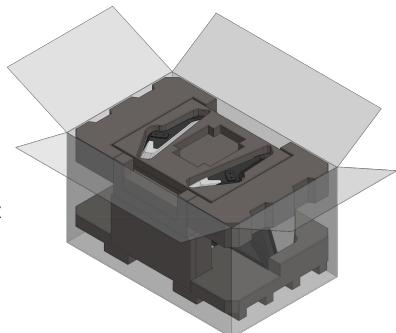
UNBOXING

Please follow the steps below carefully.

We recommend **TWO** people set up the monitor.



1. Position the box in an open area near a table or desk on which you will use the monitor. Open the box from the top.

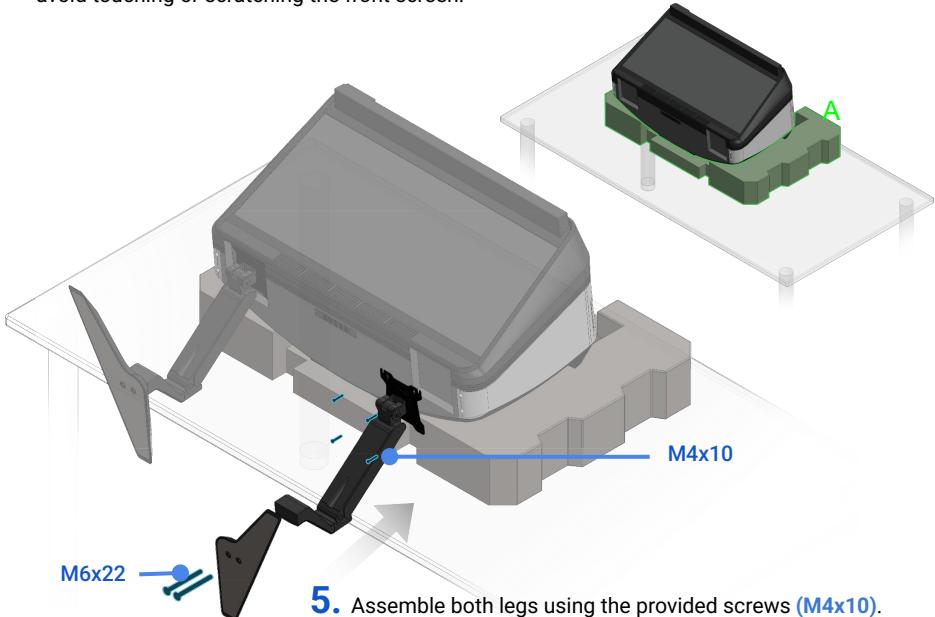


3. Take the leg box out and open it.

ASSEMBLY

Please follow the steps below carefully.

4. Carefully take Brelyon Ultra Reality™ monitor out of the box by holding the sides, place it on the cushion (A), which you had placed on the desk in **Step 2**, as shown to the right. (Recommend TWO people for this step.) Remove the cloth bag and wraps and avoid touching or scratching the front screen.



5. Assemble both legs using the provided screws (M4x10). Assemble feet using the provided screws and washers (M6x22).

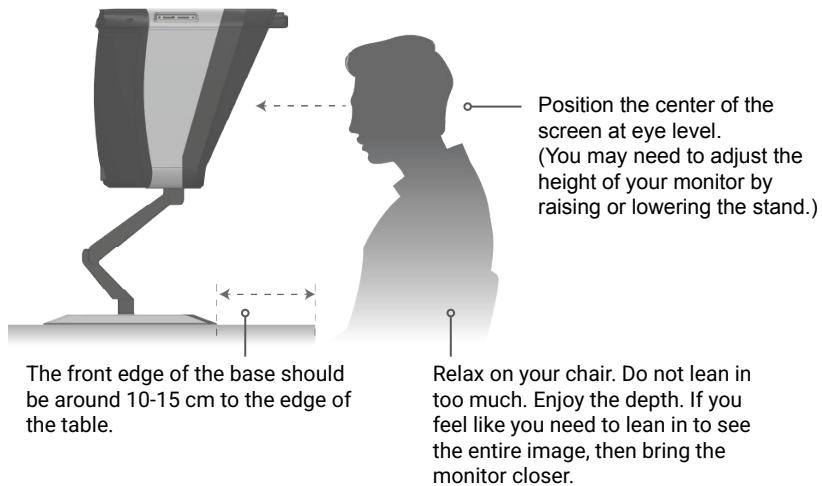


6. After securely attaching the legs and feet, gently tip the unit up using the indent slots shown in the blue circle, then lift it up by holding the two bottom sides, and place it on the table upright. (Recommend two people for this step.)

SETTING UP YOUR DISPLAY

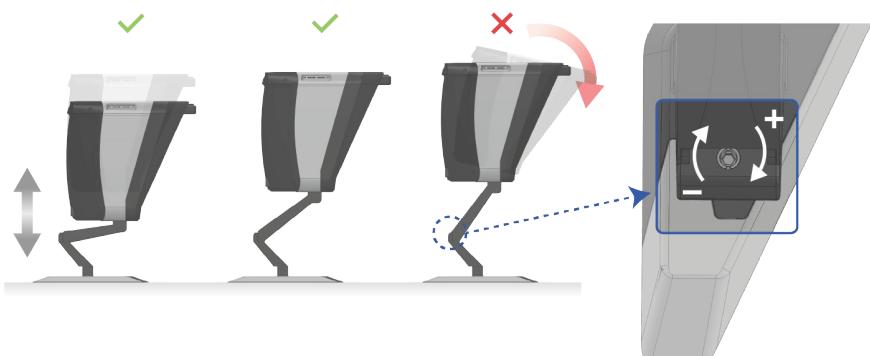
Ergonomics

Here are some guidelines for adjusting and positioning your monitor to accommodate your height. Arrange the monitor so that the middle of the screen is at your eye level when you are sitting at the desk. The ideal distance from your eyes to the screen is 15 to 50 cm. The front edge of the base of the stand should be no farther than 15 cm from the front edge of the table.



Adjusting the Height

Each leg is fitted with a tension screw at the mid-section. Adjust the screw either counterclockwise to increase, or clockwise to decrease, the resistance of the legs. To raise or lower the monitor, simply lift or gently press down on the unit. Make sure the monitor is facing you horizontally. Do not tilt the monitor on its topmost hinge.

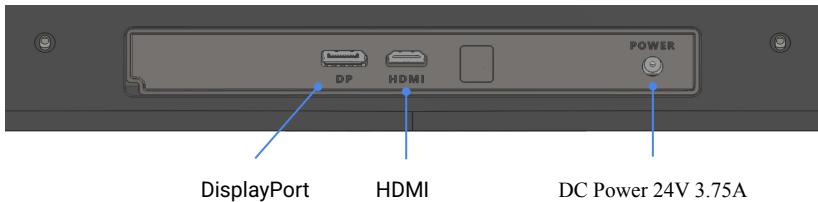


GETTING READY TO USE

Connect BRELYON Ultra Reality™

Follow these steps to set up your Brelyon monitor:

1. Remove the protective film from the monitor (if any).
2. Insert the power cord into the monitor, and then insert the AC plug into power outlet.
3. Connect an HDMI (2.0) or DisplayPort (1.4) cable to your computer.
4. Connect the built-in USB 2.0 cable to your computer for audio.

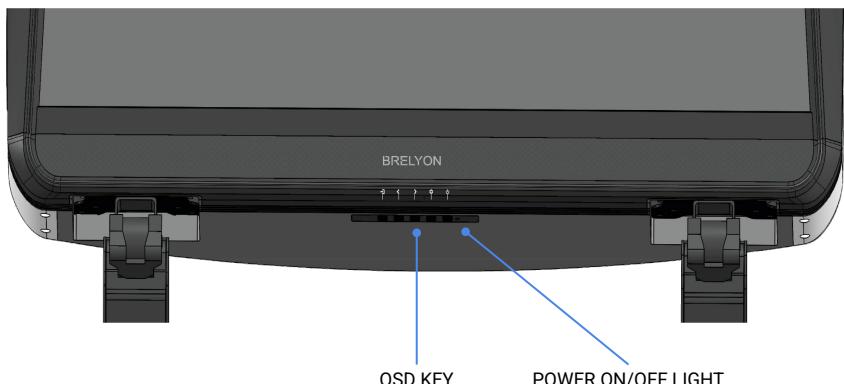


Adjust the Settings

To access the OSD menu of your monitor, press the OSD button located at the bottom of your screen.

We have configured the settings to use HDMI input at maximum brightness. Therefore, you may not need to make any changes to the image settings. But, if you have specific preferences, you can adjust the settings accordingly.

The USB cable provides both power and signal to the speakers. You can adjust the volume of the speakers using the controls on your source device. If you have connected multiple audio output sources to your device, make sure to select the intended speaker.



OSD Key Function and Adjustment

OSD key Function

Key	Definition	Description
	PWR	Power on/off the unit
	MENU	Menu on/off / Exit
	LEFT	Select - / Adjust -
	RIGHT	Select + / Adjust +
	AUTO	Auto-tune / Enter
	GRN	Green for normal mode
	YEL	Yellow for suspend mode

OSD key Function

Description	Function	Sub-function
Input source	DisplayPort	-
	HDMI	-
Brightness/contrast	Brightness	-
	Contrast	-
Color setting	Bypass	-
	Gamma	Off, 1.8, 2.0, 2.2, 2.4, 2.8
	Color Temperature	5700K, 6500K, 9300K, User
	Gain	Red, Green, Blue
	Global Hue/Saturation	Hue, Saturation

Description	Function	Sub-function
Picture quality	Bypass	-
	Sharpness	-
	Dynamic noise reduction	Off, high, middle, low
Display setting	Aspect ratio	Full screen, 4:3, 5:4, 16:9
Audio setting	Power save audio	-
	Volume	-
Other setting	Language	English, Mandarin, Japanese
	Menu transparency	-
	Factory reset	-

OSD adjustment

1. Press  to power on the unit.
2. If no signal is detected, the OSD will show "NO SIGNAL". Please check if the HDMI or DP cable is connected with the source properly.
3. Press  to wake up the OSD menu.
4. When the OSD pattern shows on the screen, use  and  to select the item and press  to enter the selection. Use  and  for adjustment. After adjustment, press  to exit the adjustment. The adjustment will be auto-saved.

A. Signal source: DisplayPort and HDMI selection.

B. Brightness/Contrast: Brightness and Contrast adjustment.

C. Color setting: Bypass, Gamma, Color temperature, Gain, User.

D. Picture quality setting: Bypass, Sharpness, Dynamic noise reduction.

E. Display setting: Aspect Ratio.

F. Audio setting

G. Other setting: Language, Menu transparency, Factory reset.

DISASSEMBLING AND RE-BOXING

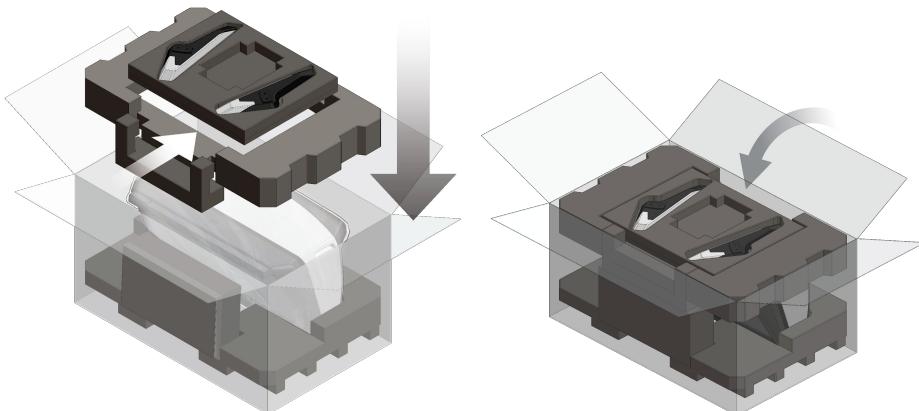
- In order to ship the product elsewhere after it has been set up, follow the repacking steps:

CAUTION

- First, unplug the monitor from all other devices.
- Find the cloth bag that came with the monitor, and place it over the monitor to avoid scratching during the disassembly process.
- This step is recommended to be performed by two people. Bring the foam frame back from the box and place it on the table. Then, lay the monitor horizontally on its back on the foam.
- Follow steps 5 to 1 in reverse order from the assembly section to disassemble the legs and feet and properly package the product back.

CAUTION

- Ensure that accessory parts such as the power adapter, cables, legs, and feet are positioned correctly. No solid parts should be loose within the box or positioned in front of the monitor screen. If you require assistance, make sure to consult your local distributor or reach out to the Breylon Support.
- Once in the box, ensure you have fully sealed the box openings, and make sure the fragile mark is visible to the shipping courier.



CARE AND SAFETY

Before lifting or repositioning your monitor, you may need to disconnect the cables and power cord. Use correct lifting techniques when positioning the monitor. When lifting or carrying the monitor, hold it by the bottom edges of the frame. Do not lift the monitor by the legs or the cords. The indent slots in the upper section of both sides are only for tipping the monitor briefly, do not use them to lift the monitor.

To clean the screen on your monitor:

1. Disconnect all connections including power, video and audio.
2. Use a soft, dry microfiber lens cloth to wipe dust from the screen.

WARNING: Use a cleaner intended for use with a screen or monitor. Do not apply cleansing chemicals, especially Acetone derivatives, which would certainly damage the screen.

Do not operate your monitor in any areas other than lab or office settings. Just like any other monitor, make sure the monitor is not directly facing the sun and eliminate intense ambient light sources for optimal experience.

Follow these safety guidelines for using your monitor:

- The only way to completely disconnect power is to unplug the power cord. Be sure to pull the plug, not the cord.
- Disconnect power immediately if the power cord is frayed or damaged, if you spill something on the monitor, if the monitor falls, or is damaged in any way.

WARNING: Your monitor has a high-voltage component and should not be opened for any reason, even when it's unplugged.

TROUBLESHOOTING

Before performing any of these steps, make sure your computer is turned on, the monitor is plugged into a grounded power outlet, all the cables are connected properly..

If the image seems horizontally stretched: When setting the resolution to 3840x1440 in your computer settings, your computer may set the resolution to a different default resolution based on the graphics card. In some cases, if you are using a USB-C to drive the display with a USB-C to HDMI converter, there might be limitations with the converter module; consider changing the module or using a different USB-C to HDMI cable.

If the screen does not have an image: Unplug the monitor's power cord from the grounded power outlet, wait a few minutes, then plug it in again.

If the screen is flickering with interlaced lines:

- Allow a few minutes for the monitor circuitry to warm up. This is a circuitry bug and should resolve itself after 1-2 minutes. Alternatively check if the signal cable is in fully.
- If the colors on the monitor are too saturated or not correct, you may need to calibrate your monitor via menu settings.

Nothing is displayed on the screen.	
Is the monitor's power cord plugged in?	<ul style="list-style-type: none">Check if the power cord is correctly plugged into the power outlet.Test the Power Plug using a lamp or other device.
Is the power LED on?	<ul style="list-style-type: none">Check the power cable connection and press the power button.
Is the power on and the power LED displaying white?	<ul style="list-style-type: none">Check that the connected input is enabled (Settings > Input > Input list).
Is the power LED blinking?	<ul style="list-style-type: none">If the monitor is in sleep mode, move the mouse, or press any key on the keyboard, to switch the monitor on.Check if the computer is turned on.
Is the No Signal message being displayed?	<ul style="list-style-type: none">This is displayed when the signal cable between the PC and the monitor is missing or disconnected. Check the cable and reconnect it.
The OSD lock message is being displayed.	
Are some functions not available when you press the Menu button?	<ul style="list-style-type: none">The OSD is locked. Go to Settings > General and set OSD Lock to Off.

SPECIFICATIONS

- Resolution: 3840x1440
- Source Brightness: 450 -700 nits
- Contrast Ratio: 1:1000 with ambient light suppression
- Dynamic Range: HDR600 (to be certified)
- Frame Rate: 60 Hz
- Response Time: 1ms
- Color Depth (Number of Colors): 1.07B
- Interface: HDMI 2.1/DisplayPort 1.4, backward compatible; re-rendering available via Brelyon Suite.
- Image Size: 122"
- Field of View: 110°
- Depth Profile: 1L [1.4 ~ 2.4m]
- Aperture Size: 30"
- Weight: 37.5lb ~ 42.0lb (17kg ~ 19kg) depending on leg assembly
- Power Consumption: Max 70 Watts

LEARN MORE, SERVICE AND SUPPORT

Find out more information about BRELYON Ultra Reality™ on the Brelyon website.

To learn about

See

Using your monitor

Brelyon Help at support@brelyon.com

Display service, support, and
troubleshooting

Brelyon Help at support@brelyon.com

Warranty information

BRELYON Ultra Reality™ Terms & Conditions

The latest information about
Brelyon Displays

www.brelyon.com

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