

# **TM28EUI Monitor Instruction Manual**



Please read this manual thoroughly before use, and keep it handy for future reference

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## SAFETY INFORMATION



- Read these instructions - All the safety and operating instructions should be read before this product is operated.
- Keep these instructions - The safety and operating instructions should be retained for future reference.
- Heed all warnings - All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions - All operating and usage instructions should be followed.
- Do not use this equipment near water, or in humid environments – The appliance should not be used near water or moisture e.g. in a wet basement or near a swimming pool.
- Clean only with a dry cloth. Do not use solvents or petroleum based fluids.
- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, stoves or other apparatus (including amplifiers) that produce heat.
- Do not tamper with the supplied plug. This plug is a BS1363 standard plug.
- Protect the power cord from being walked on or trapped, particularly at the plug and at the point where it exits from the appliance.
- Only use attachments/accessories specified by the manufacturer.
- Use only with a cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart or stand is used, use caution when moving it to avoid any injuries or damage from it tipping over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as if the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus or it has been exposed to rain or moisture, it does not operate normally or has been dropped.
- Please keep the unit in a well-ventilated environment.
- The monitor should only be connected to a mains power supply as rated on the back of the equipment.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on the cable as this may cause damage.
- When removing from a socket hold by the plug and not the wires.
- Disconnect the power immediately and seek professional help if the plug or cable is damaged, liquid has spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set does not work normally.
- Do not remove the safety covers. There are no user serviceable parts inside.

Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Only qualified personnel should service this apparatus.

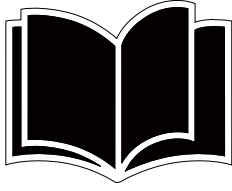
- Do not block ventilation slots on the back cover. The monitor can be placed in a cabinet but ensure at least 5cm (2") clearance all around. Do not tap or shake the screen, this may damage internal components.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on the apparatus.
- **WARNING:** The wall plug socket is used as a disconnection device and should remain readily accessible.
- **WARNING:** The batteries shall not be exposed to excessive heat such as direct sunlight or fire.



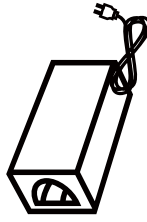
AT FULL VOLUME, PROLONGED LISTENING MAY DAMAGE THE USER'S HEARING.

|   |   |   |
|---|---|---|
|  <p>This warning sign is to warn of dangerous voltage inside the product.</p> | <p><b>CAUTION</b><br/><b>RISK OF ELECTRIC SHOCK</b><br/><b>DO NOT OPEN</b></p> <p>CAUTION: To reduce the risk of electric shock, DO NOT remove the cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.</p> |  <p>This warning sign is to alert you of important instructions accompanying the product.</p> |
|---|---|---|

**WHAT'S INCLUDED**



**User manual**



**Power supply**



**Power cable**



**USB-A to B**

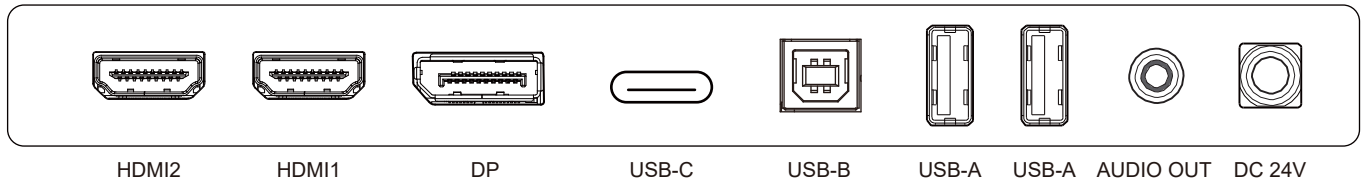


**HDMI**



**USB-C**

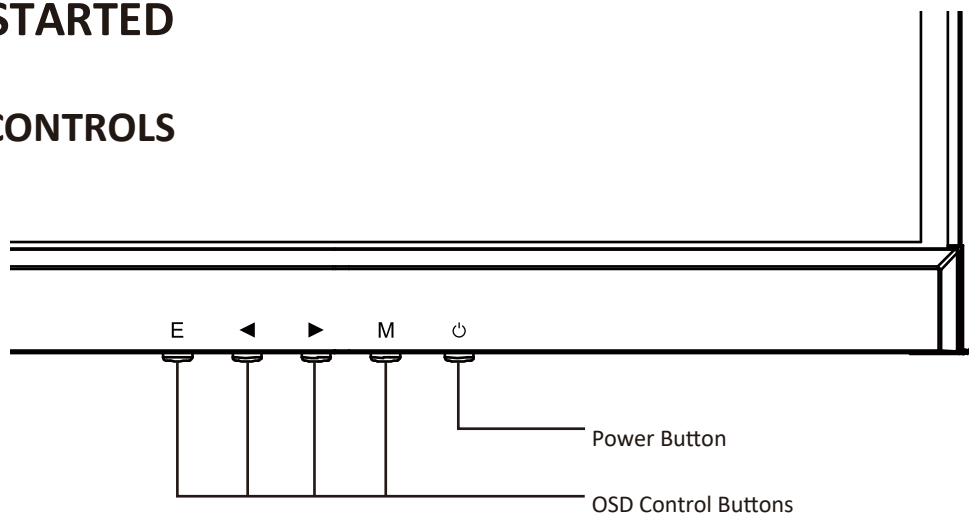
## CONNECTIONS AVAILABLE ON THE MONITOR



|    |                |  |
|----|----------------|--|
| 1. | HDMI2.1        | Support UHD 120Hz, HDR, FreeSync, Over Drive.                              |
| 2. | HDMI2.1        | Support UHD 120Hz, HDR, FreeSync, Over Drive.                              |
| 3. | DP1.4          | Support UHD 144Hz, HDR, G-Sync, Over Drive.                                |
| 4. | USB-C3.1       | Support Android Smart Phone, Apple MacBook Air, Mini (Power Delivery 65W). |
| 5. | USB-B          | Used for connecting compatible USB-B devices.                              |
| 6. | USB-A2.0       | Support Mouse,Keyboard.  |
| 7. | USB-A2.0       | Support Mouse,Keyboard.  |
| 8. | Audio out port | Used for connecting headphones or external speakers                        |
| 9. | DC24V          | Power supply 24V,5A.   |

## GETTING STARTED

### MONITOR CONTROLS



|   |   |  |
|---|---|--|
| ① | E | Select signal source or Exit OSD                                   |
| ② | ◀ | Go Down on the Main OSD Menu Decrease the value of a selected item |
| ③ | ▶ | Go Up on the Main OSD Menu Increase the value of a selected item!  |
| ④ | M | Open the Main OSD Menu and Select submenu                          |
| ⑤ | ⏻ | Turn the monitor on or Off   |

## INITIAL SETUP

Connect the monitor to a power outlet.

1. Press the power button on the monitor or to turn it on (The indicator will be blue).
2. Connect the relevant cable to the corresponding input on the monitor. The source will be automatically detected.
3. To change between inputs, press the “Source” button to enter the source menu. Use the “▲” and “▼” buttons to choose the input source between Auto Select,DP, USB-C and HDMI1,HDMI2.

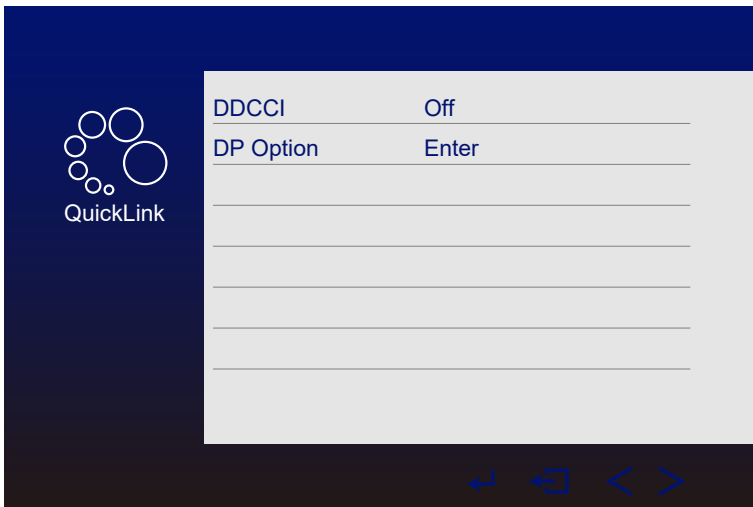


## MENU OPTIONS

The menu for the monitor can be accessed by pressing the menu button on the control panel. This menu is separated into the following sub menus: QuickLinj, Picture , Color, Advance, Other, UltraHDR, Audio, Input and Miscellaneous options, details of each menu can be found in the following section.

# OSD MENU

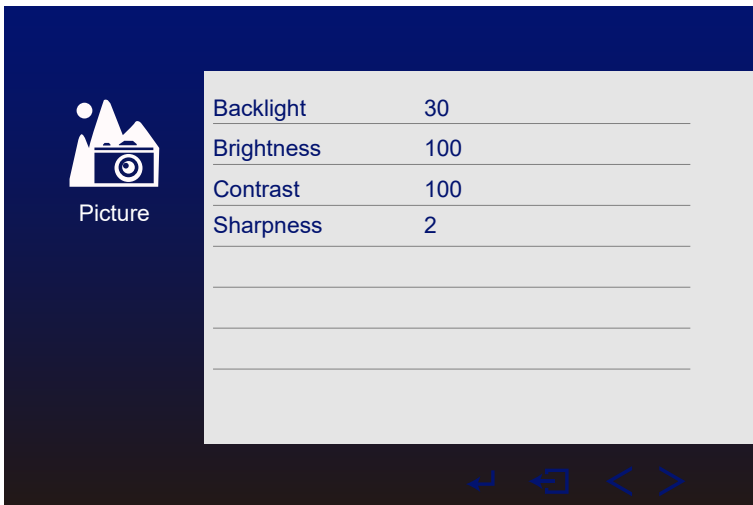
## QuickLink



DDCCI: Turn on or off DDCCI.

DP Option: Choose the DP source from D0 and D1.

## Picture



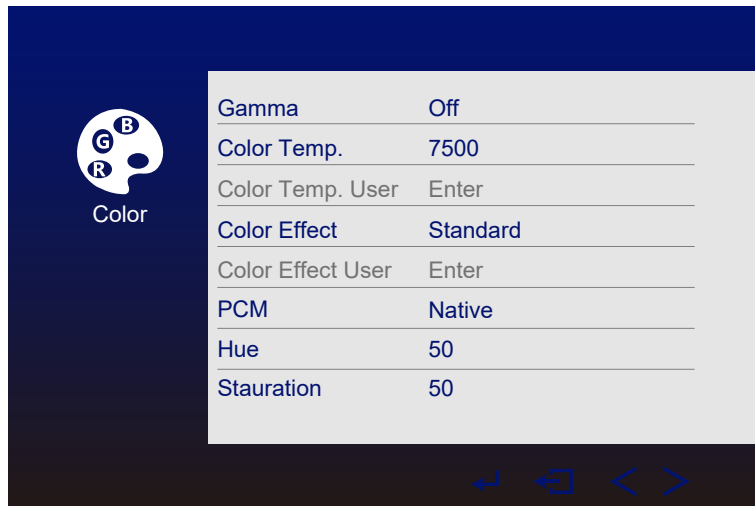
Backlight: Change the backlight value from 0 to 100.

Brightness: Change the brightness value from 0 to 100.

Contrast: Change the contrast ratio from 0 to 100.

Sharpness: Change the sharpness value from 0-4.

## Color



Gamma: Change the display Gamma value to:Off, 1.8, 2.0, 2.2, 2.4.

Color Temp.: Change the Color Temp to 6500, 7500, 5800, 9300, sRGB, User.

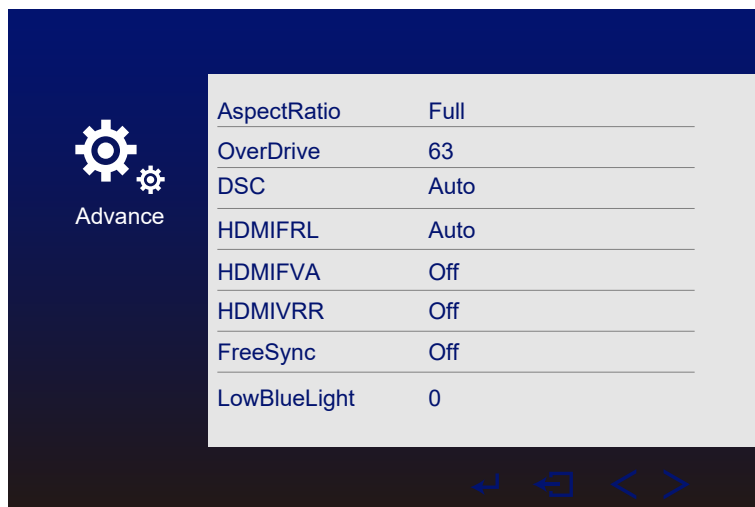
Color Effect: Change the Color Effect to:Standard, Game, Movie, Photo, Vivid, User.

PCM: Change PCM to native,Adobe RGB,sRGB, Softproft Model1.

Hue: Change the Hue value from 0-100.

Saturation: Change the Saturation value from 0-100.

## Advance



Aspect Ratio: Chang the Aspect Ratio to full, 16:9, 4:3, 1:1, 5:4 ,reduce,enlarge.

Over Drive: Change the over drive from 0-100.

DSC: Turn auto or off DSC.

HDMIFRL: Turn auto or off HDMIFRL.

HDMIFVA: Turn auto or off HDMIFVA.

HDMIVRR: Turn auto or off HDMIVAA.

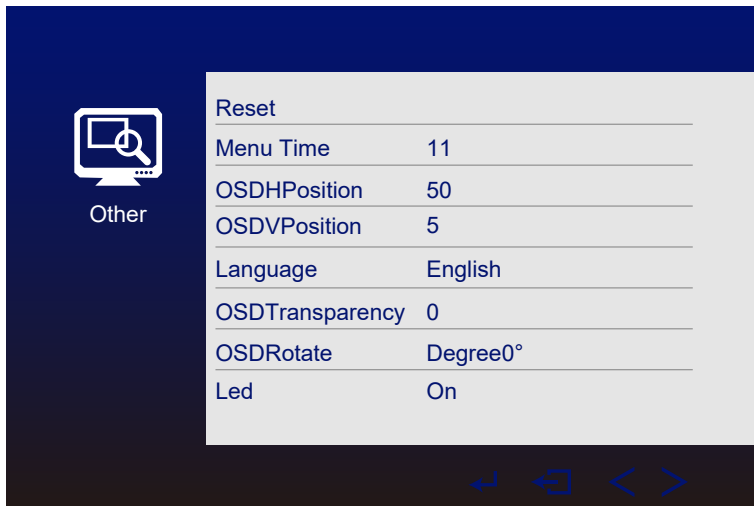
Free Sync: Turn on or off Free Sync.

LowBlueLight: Change the LowBlueLight value from 0-100.

FlickerFree: Turn on or off FlickerFree.



## Other



Reset: Restore factory default setting

Menu Time: Adjust the time that OSD menu will display on the screen.

OSD H Position: Adjust the horizontal position of the OSD Menu.

OSD V Position: Adjust the vertical position of the OSD Menu.

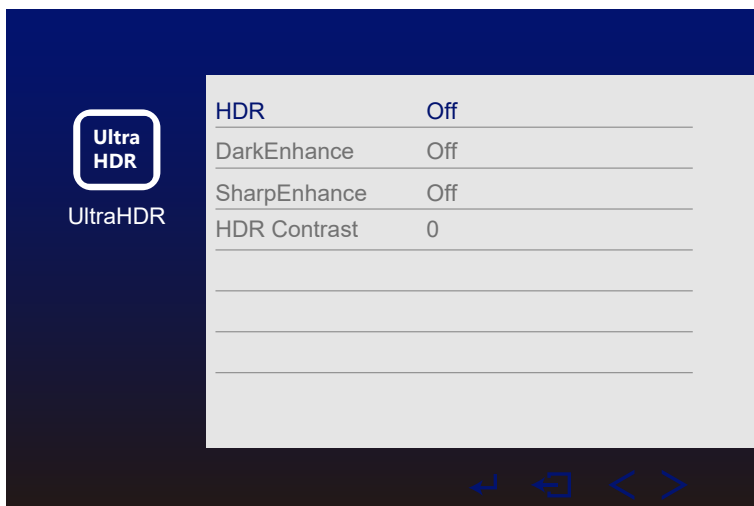
Language: Change the OSD Menu display language.

OSD Transparency: Change the OSD Transparency value from 0-100.

OSD Rotate: Rotate the OSD Menu.

Led: Turn on or off Led.

## UltraHDR



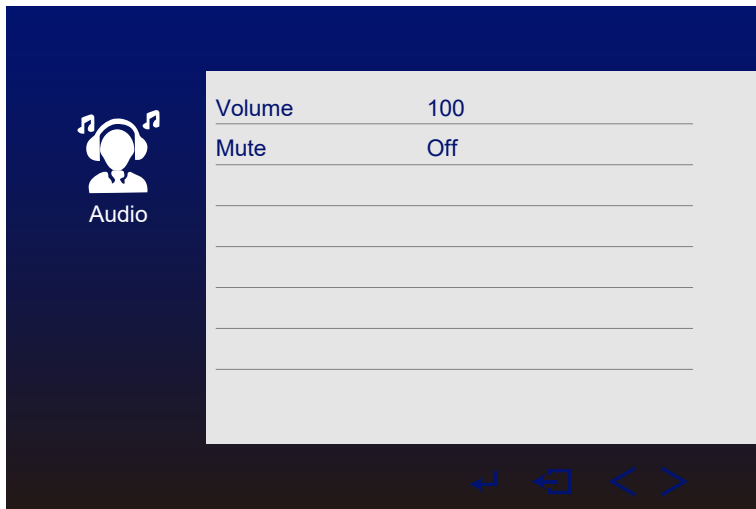
HDR: Change the HDR to Off, Auto, Forcast, 2084.

Dark Enhance: Turn on or off Dark Enhance function.

Sharp Enhance: Turn on or off Sharp Enhance function.

HDR Contrast: Change HDR Contrast value from 0-100

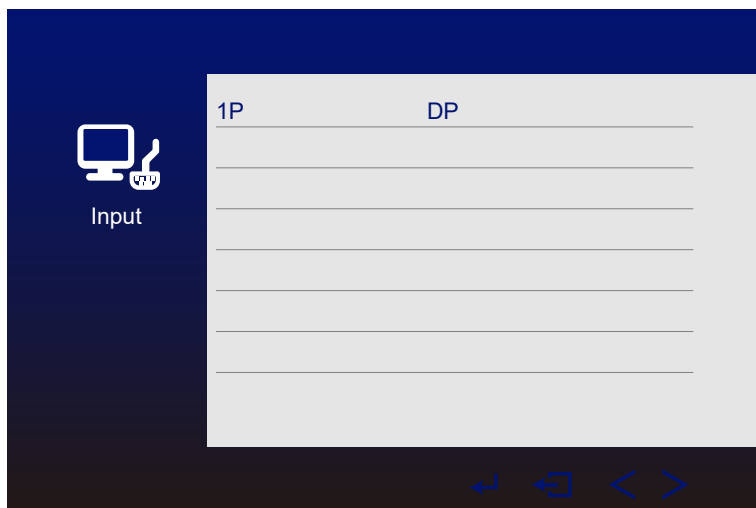
## Audio



Volume: Change the volume from 0 to 100 .

Mute: Turn on or off Mute.

## Input



1P: DP1, DP2, HDMI1, HDMI2.

## SPECIFICATION

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Model</b>                | JM28EUI-144HZ                 |
| <b>Screen Size</b>          | 28"                           |
| <b>Aspect Ratio</b>         | 16:9                          |
| <b>Backlight</b>            | LED                           |
| <b>Brightness</b>           | 400cd/m <sup>2</sup>          |
| <b>Panel Type</b>           | IPS                           |
| <b>Resolution</b>           | 3840x2160                     |
| <b>Refresh Rate</b>         | 144Hz                         |
| <b>Response Time</b>        | 0.9ms                         |
| <b>Viewing Angle</b>        | 178°/178° (CR>10)             |
| <b>Contrast Ratio</b>       | 1000:1                        |
| <b>VESA Mounting</b>        | 100x100mm                     |
| <b>Colours</b>              | 1.07B(10bit)                  |
| <b>AMD FreeSync</b>         | Supported                     |
| <b>G-Sync</b>               | Supported                     |
| <b>HDR</b>                  | Supported                     |
| <b>Signal Input</b>         | HDMIx2+DP+USB-C+USB-B+USB-Ax2 |
| <b>Audio</b>                | out                           |
| <b>Speakers</b>             | 2x3W                          |
| <b>Cables</b>               |                               |
| <b>Power Cable</b>          | Supported                     |
| <b>Input Cable</b>          | HDMI2.1, USB-C, USB-A to B    |
| <b>Additional Functions</b> |                               |
| <b>Low Blue Light</b>       | Supported                     |
| <b>Flicker Free</b>         | Supported                     |
| <b>Power Consumption</b>    | Typical 90W                   |
| <b>Power Type</b>           | DC 24V,5A                     |

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