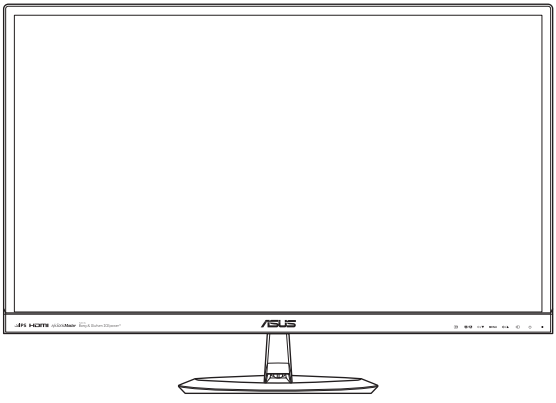
MX279
LCD Monitor

User Guide



HIGH-DEFINITION MULTIMEDIA INTERFACE

First Edition
August 2012

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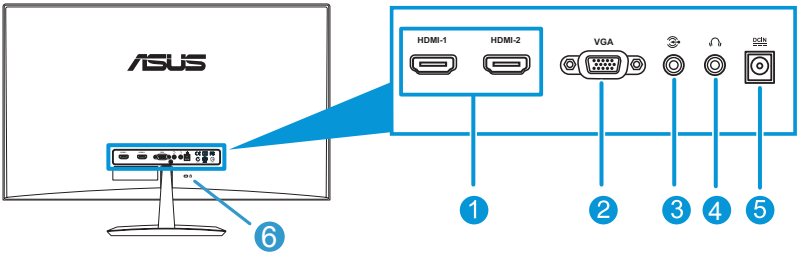
Safety information

- Before setting up the monitor, carefully read all the documentation that came with the package.
- To prevent fire or shock hazard, never expose the monitor to rain or moisture.
- Never try to open the monitor cabinet. The dangerous high voltages inside the monitor may result in serious physical injury.
- If the power supply is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.
- Before using the product, make sure all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact your dealer immediately.
- Slots and openings on the back or top of the cabinet are provided for ventilation. Do not block these slots. Never place this product near or over a radiator or heat source unless proper ventilation is provided.
- The monitor should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
- Use the appropriate power plug which complies with your local power standard.
- Do not overload power strips and extention cords. Overloading can result in fire or electric shock.
- Avoid dust, humidity, and temperature extremes. Do not place the monitor in any area where it may become wet. Place the monitor on a stable surface.
- Unplug the unit during a lightning storm or if it will not be used for a long period of time. This will protect the monitor from damage due to power surges.
- Never push objects or spill liquid of any kind into the slots on the monitor cabinet.
- To ensure satisfactory operation, use the monitor only with UL listed computers which have appropriate configured receptacles marked between 100-240V AC.
- If you encounter technical problems with the monitor, contact a qualified service technician or your retailer.

1.3.2 Back view



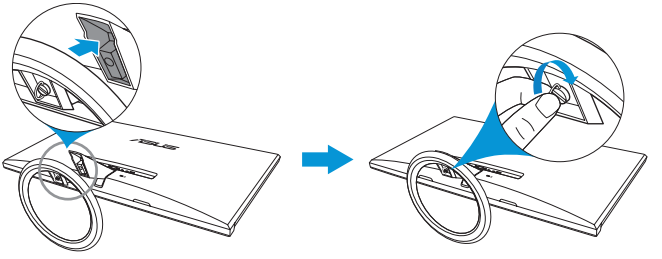
1. **HDMI port**: This port is for connection with an HDMI compatible device.
2. **VGA port**: This 15-pin port is for PC VGA connection.
3. **Audio-in port**: This port connects PC audio source by the bundled audio cable.
4. **Earphone jack**: This port connects to an earphone.
5. **DC-in port**: This port connects the adapter.
6. **Kensington Lock**: This port connects a lock-and-cable apparatus for security purposes.

2.1 Assembling the monitor base

To assemble the monitor base:

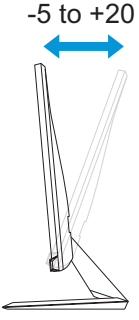
1. Have the front of the monitor face down on a table.
2. Attach the base to the arm and fix with the screw to join them tightly. You can easily tighten the screw by fingers.
3. Adjust the monitor to the angle that is most comfortable for you.

We recommend that you cover the table surface with soft cloth to prevent damage to the monitor.



2.2 Adjusting the monitor

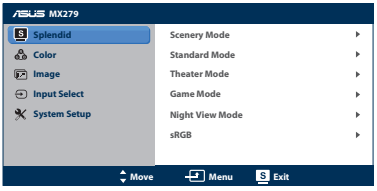
- For optimal viewing, we recommend that you look at the full face of the monitor, then adjust the monitor to the angle that is most comfortable for you.
- Hold the stand to prevent the monitor from falling while changing its angle.
- You can adjust the monitor's angle from -5˚ to 20˚.



It is normal that the monitor slightly shakes while you adjust the viewing angle.

3.1 OSD (On-Screen Display) menu

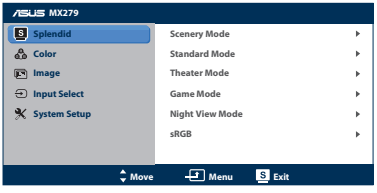
3.1.1 How to reconfigure



1. Press the MENU button to activate the OSD menu.
2. Press ◐/▼ and ☼/▲ to navigate through the functions. Highlight and activate the desired function by pressing the MENU button. If the function selected has a sub-menu, press ◐/▼ and ☼/▲ again to navigate through the sub-menu functions. Highlight and activate the desired sub-menu function by pressing the MENU button.
3. Press ◐/▼ and ☼/▲ to change the settings of the selected function.
4. To exit the OSD menu, press the S button. Repeat step 2 and step 3 to adjust any other function.

3.1.2 OSD Function Introduction

1. I**Splendid**
   This function contains six sub-functions that you can select for your preference. Each mode has the Reset selection, allowing you to maintain your setting or return to the preset mode.

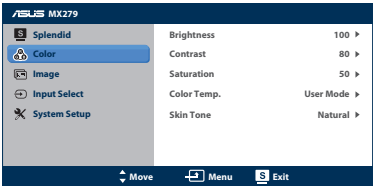


- **Scenery Mode**: best choice for scenery photo display with SPLENDID™ Video Enhancement.
- **Standard Mode**: best choice for document editing with SPLENDID™ Video Enhancement.
- **Theater Mode**: best choice for movies with SPLENDID™ Video Enhancement.
- **Game Mode**: best choice for games playing with SPLENDID™ Video Enhancement.
- **Night View Mode**: best choice for dark-scene games or movies with SPLENDID™ Video Enhancement.
- **sRGB**: best choice for viewing photos and graphics from PCs.

In the **Standard Mode**, the **Saturation**, **Skin Tone**, **Sharpness**, and **ASCR** functions are not user-configurable.
In the **sRGB**, the **Brightness**, **Contrast**, **Saturation**, **Color Temp**., **Skin Tone**, **Sharpness**, and **ASCR** functions are not user-configurable.

2. Color

You can adjust Brightness, Contrast, Saturation, Color Temp., and Skin Tone from this menu.

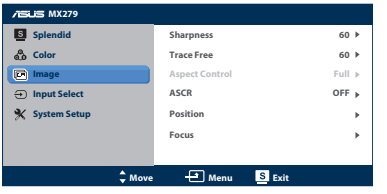


- **Brightness**: the adjusting range is from 0 to 100. ☼/▲ button is a hotkey to activate this function.
- **Contrast**: the adjusting range is from 0 to 100.
- **Saturation**: the adjusting range is from 0 to 100.
- **Color Temp.**: contains four modes including Cool, Normal, Warm and User Mode.
- **Skin Tone**: contains three color modes including Reddish, Natural, and Yellowish.

In the **User Mode**, colors of **R (Red)**, **G (Green)**, and **B (Blue)** are user-configurable; the adjusting range is from 0 ~ 100.

3. Image

You can adjust Sharpness, Trace Free, Aspect Control, ASCR, Position (VGA only), and Focus (VGA only) from this menu.

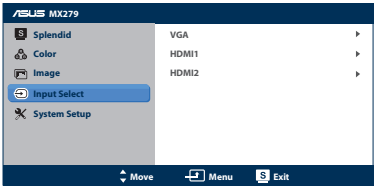


- **Sharpness**: the adjusting range is from 0 to 100.
- **Trace Free**: adjusts the response time of the monitor. The adjusting range is from 0 to 100.
- **Aspect Control**: adjusts the aspect ratio to “Full”, “4:3”, or “Over Scan” (only available for HDMI input.)
- **ASCR**: turns on/off the ASCR (ASUS Smart Contrast Ratio) function (only available in Scenery Mode, Theater Mode, Game Mode, and Night View Mode)
- **Position**: adjusts the horizontal postition (H-Position) and the vertical position (V-Position) of the image. The adjusting range is from 0 to 100 (only available for VGA input).
- **Focus**: reduces the Horizonal-line noise and Vertical-line noise of the image by adjusting (Phase) and (Clock) separately. The adjusting range is from 0 to 100.

- Phase adjusts the phase of the pixel clock signal. With a wrong phase adjustment, the screen shows horizontal distrubances.
- Clock (pixel frequency) controls the number of pixels scanned by one horizontal sweep. If the frequency is not correct, the screen shows vertical stripes and the image i not proportional.

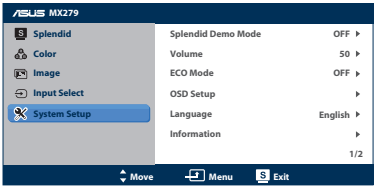
Input Select

In this menu, you can select your desired input source: **VGA**, **HDMI1** or **HDMI2** (only available in Scenery Mode, Theater Mode, Game Mode, and Night View Mode)



4. System Setup

Allows you to adjust the system.



- **Splendid Demo Mode**: splits the screen into two for Splendid mode comparison (only available in Scenery Mode, Theater Mode, Game Mode, and Night View Mode).
- **Volume**: Adjust the earphone output volume level. The adjusting range is from 0 to 100.
- **ECO Mode**: Activate the ecology mode for power saving. (Some gray levels may not be distinguished if ECO is ON. Its brightness is lower than that when setting the Contrast Ratio to 100.)
- **OSD Setup**: Adjust the horizontal postition (H-Position), vertical position (V-Position), OSD Timeout, DDD/CI, and Transparency of the OSD screen.
- **Language**: Select OSD language. The selections are English, French, German, Spanish, Italian, Dutch, Russian, Traditional Chinese, Simplified Chinese, and Japanese.
- **Information**: Display the monitor information of Input Port, Resolution, H-freq., V-freq, and Model Name.
- **All Reset**: Set to “Yes” to revert all settings to the factory default status.

3.2 Specifications Summary

Panel Type	TFT LCD
Panel Size	27" (16:9, 68.6 cm) wide screen
Max. Resolution	1920 x 1080
Brightness (Typ.)	250 cd/m^2
Contrast Ratio (Typ.)	1000:1
ASUS Smart Contrast Ration (ASCR)	≥ 80,000,000:1 (with ASCR on)
Color Saturation (NTSC)	72 % (Typ)
Viewing Angle (H/V) CR>10	178° (H) / 178° (V)
Display Colors	16.7 M
Response Time	5 ms (Gray to Gray)
Pixel Pitch	0.3114 (H) mm x 0.3114 (V) mm
Full HD	1080P
Trace Free Technology	Yes
SPLENDID™ Video Enhancement	Yes
SPLENDID™ selection	6 video preset modes (by hotkey)
Auto adjustment	Yes (by hotkey)
Color temperature selection	4 color temperatures
Skin-Tone selection	3 skin tones
Digital input	HDMI v1.3 (x2)
Analog input	D-Sub
Audio-in port	3.5 mm Mini-jack
Earphone jack	Yes (only for HDMI)
Kensington Lock Slot	Yes
Auto Adjustment Hotkey	Yes
Brightness Adjustment Hotkey	Yes
Volume Adjustment Hotkey	Yes
Input Selection Hotkey	Yes
Colors	Black
Speaker (Built-in)	2 x 3 W
Power LED	White (On) / Amber (Standby)
Tilt	-5° ~ +20°

Voltage Rating	AC 100~240Vac, 50/60Hz (AC adaptor: ENERTRONIX-EXA1203YH B / Delta-ADP-65GD BA2
Power Consumption	Power On: 40W (max), Standby: < 0.5 W (AC110V) / 0.55 W (AC220V), Power Off: < 0.5 W (AC110V) / < 0.55 W (AC220V)
Temperature (Operating)	0 ~ 40° C
Temperature (Non-operating)	-30 ~ 65° C
Dimensions (W x H x D)	441.3 x 622.6 x 225.2 mm (monitor) 537.0 x 700.0 x 114.0 mm (package)
Weight (Esti.)	5.2 ± 1.0 kg (Net), 8.0 ± 1.0 kg (Gross)
Multi-languages	21 languages (English, French, German, Spanish, Italian, Dutch, Russian, Poland, Czech, Croatia, Hungary, Romania, Portuguese, Turkey, Traditional Chinese, Simplified Chinese, Japanese, Korean Persian, Thai, Indonesian)
Accessories	Adapter, Power cable, VGA cable, DVI-HDMI cable, Audio cable, Quick Start Guide, Warranty card
Regulation approvals	UL/cUL, CB, CE, FCC, CCC, BSMI, Gost-R, c-Tick, VCCI, Windows Vista & 7 WHQL, EuP, RoHS, WEEE, EPEAT, HDMI, Energy Star® 5.1, China Energy Label, J-Moss

***Adaptor has PSE Regulation approvals.**

***Specifications subject to change without notice.**