



## acer KB2 Series KB242Y LCD Monitor User Guide

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#### Important safety instructions

Please read the following instructions carefully.

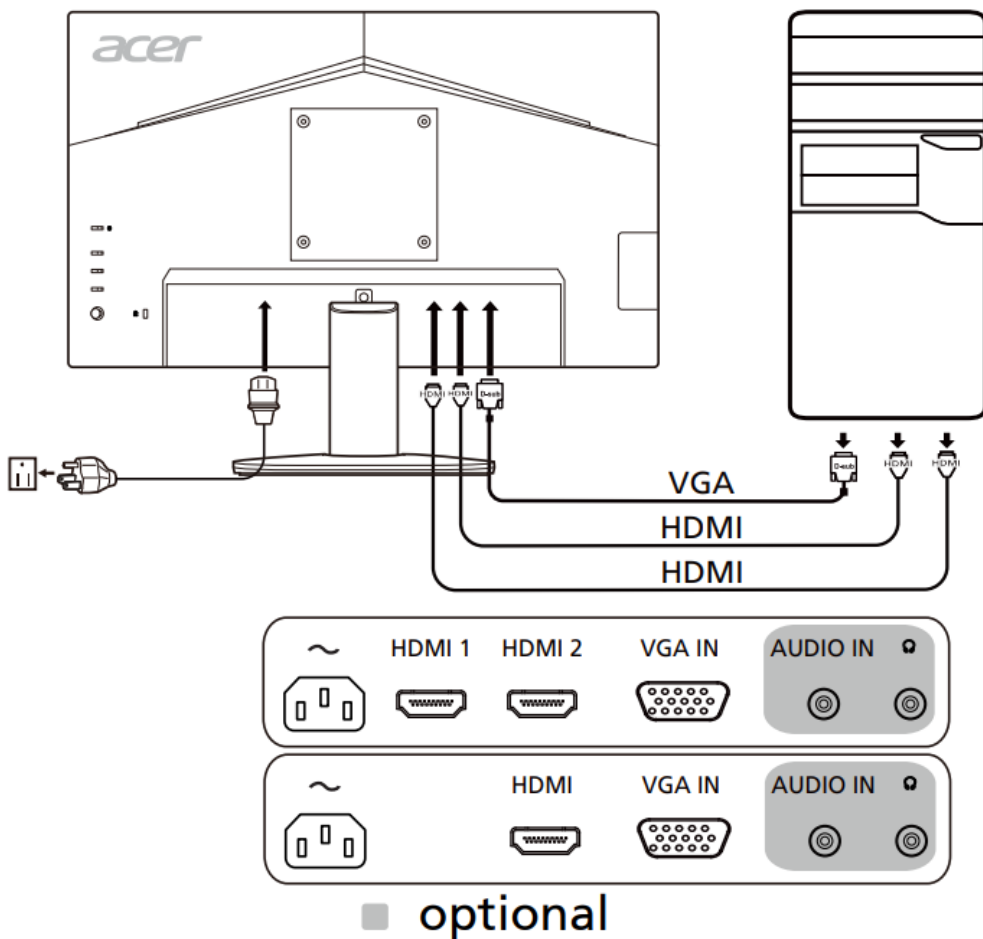
1. To clean the LCD monitor screen: Be sure that your monitor is electrically rated to operate with the AC power available in your location.
  - Turn off the LCD monitor and unplug the power cord.
  - Spray a non-solvent cleaning solution onto a rag and clean the screen gently.
  - NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.
  - PLEASE DO NOT USE ANY AMMONIA OR ALCOHOL-BASED CLEANERS ON THE LCD DISPLAY SCREEN OR CASE.
  - Acer will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.
2. Do not place the LCD monitor near a window. Exposing the monitor to rain, moisture or sunlight can severely damage it.
3. Do not apply pressure to the LCD screen. Excessive pressure may cause permanent damage to the display.
4. Do not remove the cover or attempt to service this unit yourself. An authorized technician should perform servicing of any nature.
5. Store the LCD monitor in a room with a temperature of -20° to 60° C (-4° to 140° F). Storing the LCD monitor outside this range may result in permanent damage.
6. Immediately unplug your monitor and call an authorized technician if any of the following circumstances occur:
  - Monitor-to-PC signal cable is frayed or damaged.
  - Liquid spills onto the LCD monitor or the monitor is exposed to rain.
  - The LCD monitor or case is damaged.

#### **Attaching the monitor to the base**

1. Remove the monitor from the packaging.
2. Attach the foot stand to the base. (for selected models)
3. Turn clockwise to lock. Ensure that the base is locked onto the stand. (for selected models)
4. Secure the base to the stand by turning the screw using the integrated tab or a suitable coin. (for selected models)

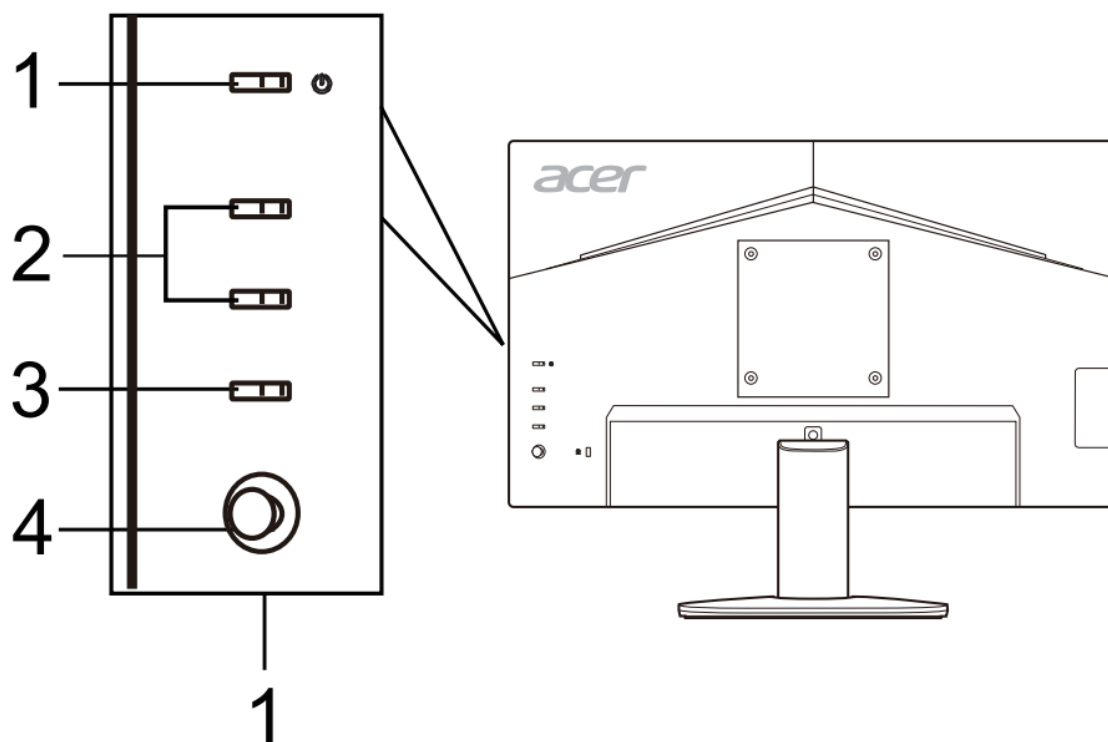
#### **Connecting Your Monitor to a Computer**

1. Turn off your monitor and unplug your computer's power cord.
2. **Connect Video Cable**
  - Connect the VGA video cable to the computer.
  - **Connect HDMI Cable (Only HDMI-input model)**
  - Make sure both the monitor and computer are powered-OFF.
  - Connect one end of the HDMI cable to the back of the monitor and connect the other end to the computer's port
3. Connect the Audio Cable. (Only Audio-Input Model) (Optional)
4. Insert the monitor power cable into the power port at the back of the monitor.
5. Plug the power cords of your computer and your monitor into a nearby electrical outlet.



## External Controls

| No | Item                   | Description  |
|----|------------------------|--|
| 1  | Power button/indicator | Turns the monitor on/off. Blue indicates power on. Amber indicates stand by/power saving mode.   |
| 2  | Hotkey 1, 2 buttons    | Press to activate user defined hotkey function.  |
| 3  | Input button           | Press to toggle input sources.   |
| 4  | Navi/OK button         | Press to activate the OSD menu, then use it as directional key to highlight the desired function. Press it again to enter a selection. |



## SPECIFICATION

|           |                |                               |
|-----------|----------------|-------------------------------|
| LCD Panel | Driving System | TFT Color LCD                 |
|           | Size           | 23.8"W (60 cm)                |
|           | Pixel Pitch    | 0.2745 mm (H) x 0.2745 mm (V) |
|           | Brightness     | 250 cd/m2 (Typical)           |
|           | Contrast       | 100000000:1 Max (ACM)         |
|           | Viewable Angle | 178° (H) 178° (V) (CR=10)     |
|           | Response Time  | 1 ms (VRB)                    |

|                                 |             |   |
|---------------------------------|-------------|---|
|                                 | Panel Type  | VA  |
|                                 | Video       | R, G, B Analog Interface                              |
|                                 | H-Frequency | 30 – 85 KHz   |
|                                 | V-Frequency | 56 – 76 Hz  |
| Display Colors                  |             | 16.7 Million  |
| Dot Clock                       |             | 174.5 MHz   |
| Maximum Resolution              |             | HDMI: 1920 x 1080 @ 75 Hz<br>VGA: 1920 x 1080 @ 75 Hz |
| Plug & Play                     |             | VESA DDCCI/DDC2B                                      |
| Power Consumption (at 200 nits) | On Mode     | 22 W  |
|                                 | Sleep Mode  | 0.5 W   |
|                                 | Off Mode    | 0.3 W   |
| Input Connector                 |             | D-Sub<br>HDMI (Only HDMI-Input Model)                 |

|                              |                |   |                       |
|------------------------------|----------------|---|-----------------------|
| Input Video Signal           |                | Analog: 0.7 Vp-p (standard), 75 OHM, Positive HDMI (Only HDMI-Input Model) (Optional)             |                       |
| Speakers                     |                | 2 W x 2 (Only Audio-Input Model) (Optional)   |                       |
| Maximum Screen Size          |                | Horizontal: 527.04 mm<br>Vertical: 296.46 mm  |                       |
| Power Source                 |                | 100-240 V, 50/60 Hz   |                       |
| Environmental Considerations |                | Operating Temp: 0° to 40°C Storage Temp: -20° to 60°C Operating Humidity: 20% to 80%              |                       |
| Dimensions                   |                | 607 (W) x 409 (H) x 133 (D) mm  |                       |
| Weight (N. W.)               |                | 3.80 kg (net)   |                       |
| Mechanism Specifications     |                | Tilt: -5° to +15° Swivel: No<br>Height adjustment: No Pivot: No<br><br>Detachable foot stand: Yes |                       |
|                              | Switch/Buttons | Power Button<br>Hotkey 1<br>Hotkey 2  | Input<br>Menu/Navi/OK |
|                              |                |   |                       |

|                   |           |  |   |
|-------------------|-----------|--|---|
| External Controls | Functions | Brightness<br>Contrast<br>Blue Light<br>Black Boost<br>m<br>ACM<br>Super Sharpness<br>H. Position (only Analog input model)<br>V. Position (only Analog input model)<br>Transparency Focus (only Analog input model)<br>OSD Lock<br>Clock (only Analog input model)<br>Auto Configuration (only Analog input model)<br>Hot Key Assignment<br>Gamma<br>Color Temperature<br>Modes<br>I<br>sRGB Mode<br>e<br>Grayscale Mode<br>on<br>6-axis Hue<br>6-axis Saturate<br>Volume | Mute<br>Over Drive<br>FreeSync<br>Refresh Rate Nu<br>VRB<br>Language<br>OSD Timeout<br>Input<br>Auto Source<br>Wide Mode<br>DDC/CI<br>HDMI Black Leve<br>Quick Start Mod<br>Display informati<br>Reset All Settings<br>Exit |
|                   |           | Specifications vary depending on model and/or region.  |   |

Find manuals and other documents for your Acer product on the official Acer support website.

## Regulations and safety notices

### FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

### CE declaration of Conformity

Hereby, Acer Inc., declares that this LCD monitor is in compliance with the essential requirements and other relevant provisions of EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, and RoHS Directive 2011/65/EU and Directive 2009/125/EC with regard to establishing a framework for the setting of ecodesign requirements for energy-related product.

**Notice:**

In order to prevent damage to the monitor, do not lift the monitor by its base.

**Notice: Shielded cables**

All connections to other computing devices must be made using shielded cables to maintain compliance with EMC regulations.

**Notice:**

Acer monitor is purposed for video and visual display of information obtained from electronic devices.

**Notice: Peripheral devices**

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

**Caution**

Changes or modifications not expressly approved by the manufacturer could void the user authority, which is granted by the Federal Communications Commission, to operate this product.

**Operation conditions**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

**Notice: Canadian users**

This Class B digital apparatus complies with Canadian ICES-003.

**Disposal of Waste Equipment by Users in Private Household in the European Union**



■ This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection

and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

**Declaration of Conformity**

**We,**

Acer Incorporated 8F, 88, Sec. 1, 5th Rd., , New Taipei City 221, Taiwan

**And,**

Acer Italy 1/A, 20020 (MI), Italy Tel: +39-02-939-921, Fax: +39-02 9399-2913 [www.acer.it](http://www.acer.it)

**Product:** LCD Monitor

**Trade Name:** ACER

**Model Number:** KB242Y

**SKU Number:** KB242Y ; ("x" = 0-9, a — z, A — Z, or blank)

We, Acer Incorporated, hereby declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations as below Directive and following harmonized standards and/or other relevant standards have been applied:

**EMC Directive: 2014/30/EU**

- EN55032:2012/AC:2013 Class B
- EN55032:2015/AC:2016 Class B
- EN IEC 61000-3-2:2019 Class D
- EN 55035:2017
- EN61000-3-3:2013

**LVD Directive: 2014/35/EU**

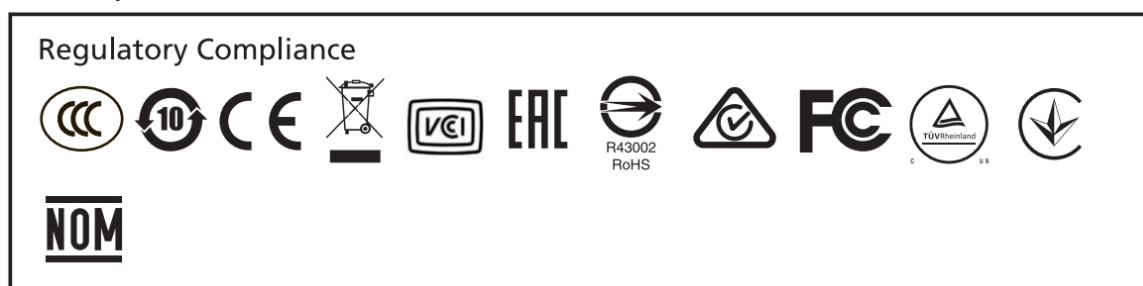
- EN 62368-1:2014/A11:2017
- RoHS Directive: 2011/65/EU
- EI EN 50581:2012
- EP Directive: 2009/125/EC
- (EU) 2019/2021; EN50564:2011

**Year to begin affixing CE marking:2021.**

RU Jan / Sr. Manager

Acer Incorporated (Taipei, Taiwan)

**Date:** May 17, 2021





Product Information for EU Energy Label

Barcode

MC.TN811.003

4J.55N02.071 (xx)


Barcode

Model No: KB242Y

Part No: MC. TN811.003

**acer**

## Documents / Resources

|   |  |
|---|--|
|  | <p><a href="#">acer KB2 Series KB242Y LCD Monitor</a> [pdf] User Guide<br/>KB2 Series, KB242Y, LCD Monitor</p> |
|---|--|