**BenQ**

# BH280/BH380
# Bar Type Display
# User Manual

# Disclaimer

BenQ Corporation makes no representations or warranties, either expressed or implied, with respect to the contents of this document. BenQ Corporation reserves the right to revise this publication and to make changes from time to time in the contents thereof without obligation to notify any person of such revision or changes.

# Copyright

# Table of Contents

# Important safety instructions
## Safety precautions and maintenance

Use of control, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards and/or mechanical hazards.

Read and follow these instructions when connecting and using your display:

### Operation:
• Keep the display out of direct sunlight and away from stoves or any other heat sources.

• Remove any object that could fall into ventilation holes of power box or prevent proper cooling of the display's electronics.

• Don't block the ventilation holes on the power box.

• When positioning the display, make sure the power plug and outlet are easily accessible.

• When turning off the display by disconnecting the power cord, wait 6 seconds or more before reconnecting the power cord for normal operation.

• Ensure the use of an approved power cord provided by BenQ at all times. If your power cord is missing, please contact your local service center.

• Don't subject the display to severe vibration or high impact conditions during operation.

• Don't knock or drop the display during operation or transportation.

• Provide an earthing connection before the mains plug is connected to the mains. And, when disconnecting the earthing connection, be sure to disconnect after pulling out the mains plug from the mains.

### Maintenance:
• To protect your display from possible damage, do not put excessive pressure on the display.

• Unplug the display if you are not going to use it for an extensive period of time.

• Unplug the display if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use organic solvent, such as, alcohol, or ammonia-based liquids to clean your display.

• To avoid the risk of shock or permanent damage to the set, do not expose the display to dust, rain, water, or an excessively moist environment.

• If your display becomes wet, wipe it with dry cloth as soon as possible.

• If a foreign substance or water gets in your display, turn the power off immediately and disconnect the power cord. Then remove the foreign substance or water.

• Don't store or use the display in locations exposed to heat, direct sunlight, or extreme cold.

## Read and follow these instructions when connecting and using your display:

• Unplug the display if you are not going to use it for an extensive period of time.

• Unplug the display if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use alcohol, solvents or ammonia-based liquids.

• Keep the display out of direct sunlight and away from stoves or any other heat sources.

• Remove any object that could fall into the vents or prevent proper cooling of the display's electronics.

• Don't block the ventilation holes on the power box.

• Keep the display dry. To avoid electric shock, do not expose it to rain or excessive moisture.

• When turning off the display by disconnecting the power cable or DC power cord, wait for 6 seconds before reconnecting the power cable or DC power cord for normal operation.

• When positioning the display, make sure the power plug and outlet are easily accessible.

• Consult a service technician if the display does not operate normally after having followed the instructions in this manual.
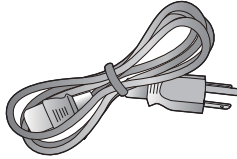
# Package content

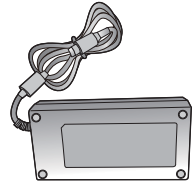## Packing list



Bar type display x1
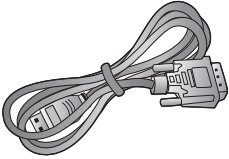


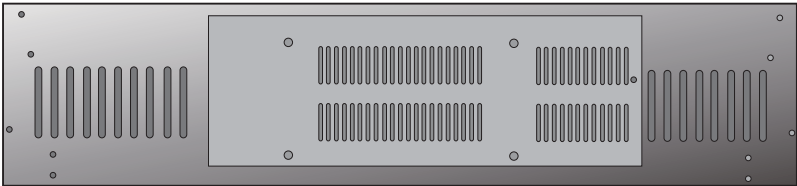HDMI to DVI cable x 1             Power cord x1             Power adapter x 1

## Overview



Front view



Back view



Top view

# Buttons
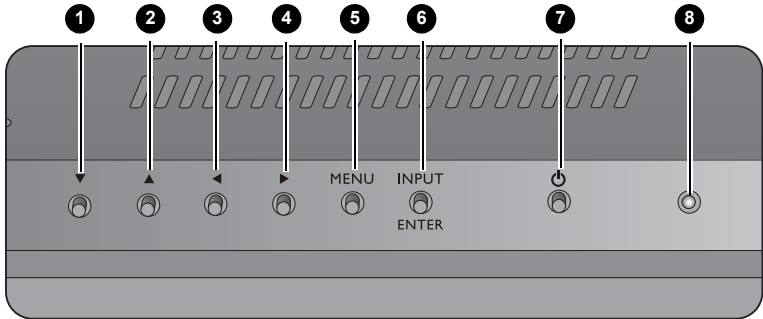


| No. | Name | No. | Name |
|---|---|---|---|
| **1** | Down button | **5** | Menu button |
| **2** | Up button | **6** | Video source button |
| **3** | Right button | **7** | Power button |
| **4** | Left button | **8** | Power indicator LED |

# I/O ports
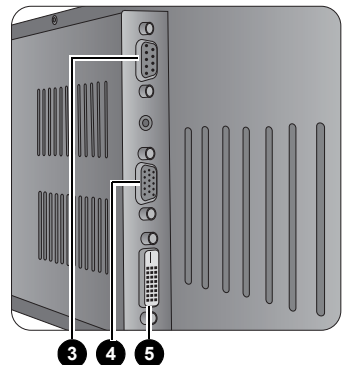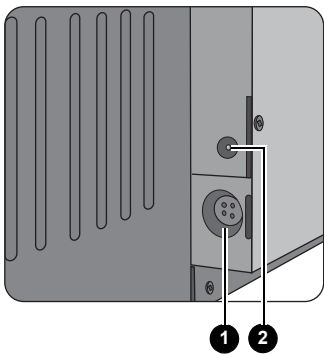


| No. | Name | No. | Name |
|---|---|---|---|
| **1** | DC 12V output | **3** | Serial port |
| **2** | DC 24V input | **4** | VGA port |
| | | **5** | DVI port |

# Setting up the display

Once the power cord is connected to both the power outlet and the display, the power indicator LED is lit in red. When power button is pressed to turn on the display, the power indicator LED is lit in blue. Press power button again to turn off the display.

## Selecting input singals

Press video source button to select sources from either **Analog PC** for VGA input or **Digital** for DVI input.



## OSD menu

Press menu button to open up the OSD setting menu, and then press left or right buttons to select a submenu. At last, press menu button to exit the OSD setting menu.



### **Picture** menu

This menu is available for picture quality adjustment only when either video source is connected to the display. Press down button to select category to change including **Brightness**, **Contrast**, **Sharpness**, **Color**, **Tint**, and **Color Temp**. Press left or right buttons to adjust values.  Press menu button to exit.
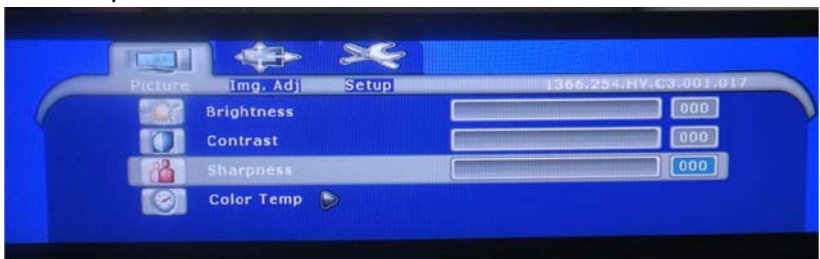
## Img. Adj menu

This menu is available image adjustments. Press down button to select category to change including Image Size and Freeze Fra**me**. Press left or right buttons to adjust settings. Press menu button to exit.
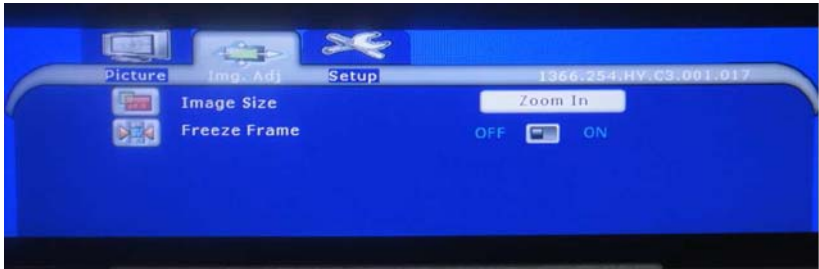


## Setup menu

This menu is available for OSD configurations. Press down button to select category to change including **Language**, **OSD setting**, and **Reset**. Press left or right buttons to adjust settings. Press menu button to exit.
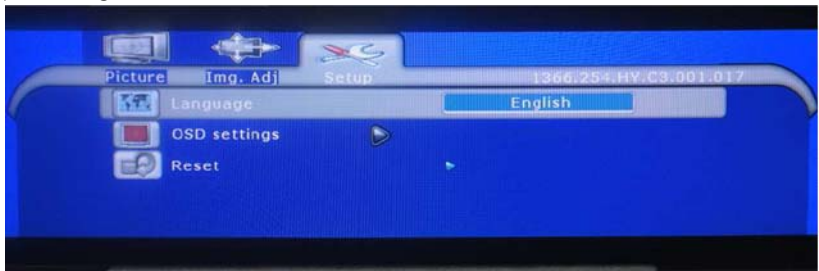
# Troubleshooting

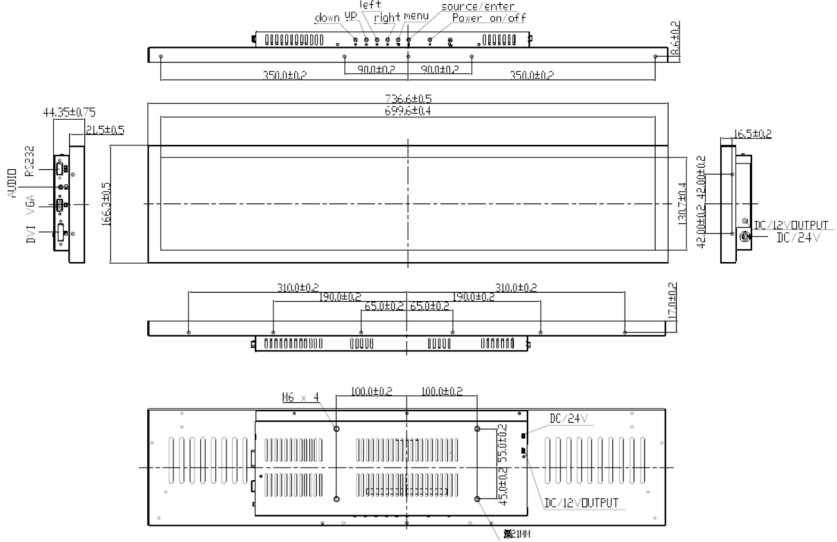| Symptom | Possible Cause | Remedy |
| --- | --- | --- |
| No picture is displayed. | 1. The power cord is disconnected.<br>2. The main power switch on the back of the display is not switched on.<br>3. The selected input has no connection.<br>4. The display is in standby mode. | Plug in the power cord.<br>Make sure the power switch is switched on.<br>Connect a signal connection to the display. |
| Interference displayed on the display or audible noise is heard. | Caused by surrounding electrical appliances or fluorescent lights | Move the display to another location to see if the interference is reduced. |
| Color is abnormal. | The signal cable is not connected properly. | Make sure the signal cable is attached firmly to the jack on the display. |
| Picture is distorted with abnormal patterns. | 1. The signal cable is not connected properly.<br>2. The input signal is beyond the capabilities of the display. | 1. Make sure the signal cable is attached firmly.<br>2. Check the video signal source to see if it is beyond the range of the display. Please verify input signal specifications. |
| After-Images can still be seen on the display after the display is powered off. | A still picture is displayed for an excessive period of time. | Do not display a still image for an excessive period of time since this can cause a permanent after-image remaining on the display. |

# Specifications

| Item | Specifications | |
|---|---|---|
| **Panel** | Model name | BH280 | BH380 |
| | Backlight | Edge LED | |
| | Resolution | 1920 x 358 (pixels) | 1920 x 538 (pixels) |
| | Aspect Ratio | 16:3 | 32:9 |
| | Contrast Ratio | 3000:1 | 4000:1 |
| | Brightness | 700 nits | 800 nits |
| | Viewing angle | 178° (CR>20) | |
| | Color Gamut (x% NTSC) | 72 (%) | 68% |
| | Frame Rate | 60% | |
| | Response Time | 6.5ms | 9ms |
| | Panel Bit | 8bit | |
| | Light Life | 50,000 hrs (typ.) | |
| | Orientation | Lanscape / Portrait | |
| **Interface** | Input/Output | Power (DC) In(24V)/ Out(12V), Audio line-out, D-sub in, DVI-D in, RS-232 in | |
| **SET** | Dimension | 736.6 x 167.3 x 43.6 mm | 980.9 x 303.2 x 43.6 mm |
| | Weight | 3 KG | 6.4 KG |
| **Power** | Input | AC100-240V,50-60Hz | |
| | Power Consumption (On) | 40W (typ.) | 76W (typ.) |

# Product Dimensions

## BH280



## BH380