

# **USER MANUAL**

# ***G-MASTER***

## **LCD Monitor**

ENGLISH

### ***G-MASTER GB3461WQSU***

Thank you very much for choosing the iiyama LCD monitor.

We recommend that you take a few minutes to read carefully through this brief but comprehensive manual before installing and switching on the monitor. Please keep this manual in a safe place for your future reference.



**Dear user, we congratulate you on the purchase of your iiyama LCD.**

For details on warranty and locally used pixel policies that apply directly after installation of your product please check the iiyama website.

**To report a fault, please contact your local support centre found at [www.iiyama.com/service](http://www.iiyama.com/service)**

**Things to check before you call the iiyama information line**

- | if the power cable is connected securely and turned on?
- | if the display has been turned on?
- | if the signal cable is connected securely and the correct input selected?
- | if the computer has been restarted with the display connected?
- | if the graphics card is correctly installed with the latest drivers possible?
- | if the correct native resolution has been selected via 'Display Properties'?
- | If the R/G/B signal configuration is correct?
- | if the displays On Screen Menu is shown?
- | if the correct brightness and contrast settings have been set?
- | if given display tolerances and compatibility have been considered?
- | if via the On Screen Menu you have performed a Factory Reset/Recall?



**Before reporting the screen defect, please prepare the following information/evidence:**

- | model number \*
- | purchase receipt and serial number \*
- | name and address for collection
- | telephone/fax number, for availability during the day
- | convenient collection date (date, time)
- | short description of the defect

**Important Note:**

If there is no fault found in the collected equipment after inspection, the transferring party shall incur charges for transport and administration.

If you have checked all of the above and there is still no picture, call our information line for assistance in your country.

\* see the identification plate on the back of the case.

## CE MARKING DECLARATION OF CONFORMITY

This LCD monitor complies with the requirements of the EC/EU Directive 2014/30/EU "EMC Directive", 2014/35/EU "Low Voltage Directive", 2009/125/EC "ErP Directive" and 2011/65/EU "RoHS Directive".

The electro-magnetic susceptibility has been chosen at a level that gives correct operation in residential areas, business and light industrial premises and small-scale enterprises, inside as well as outside of the buildings. All places of operation are characterized by their connection to the public low voltage power supply system.

IYAMA CORPORATION: Wijkmeerstraat 8, 2131 HA Hoofddorp, The Netherlands

Model No. : PL3461WQ



We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address: <http://www.iiyama.com>

You can access the Web page of different countries from there.

- We reserve the right to change specifications without notice.
- All trademarks used in this user manual are the property of their respective owners.

# TABLE OF CONTENTS

FOR YOUR SAFETY.....	1
SAFETY PRECAUTIONS.....	1
SPECIAL NOTES ON LCD MONITORS.....	3
CUSTOMER SERVICE.....	3
CLEANING.....	3
BEFORE YOU OPERATE THE MONITOR.....	4
FEATURES.....	4
CHECKING THE CONTENTS OF THE PACKAGE.....	4
INSTALLATION.....	5
FITTING AND REMOVAL OF BASE.....	6
CONTROLS AND CONNECTORS.....	7
CONNECTING YOUR MONITOR.....	8
COMPUTER SETTING.....	9
ADJUSTING THE HEIGHT AND THE VIEWING ANGLE.....	9
OPERATING THE MONITOR.....	10
ADJUSTMENT MENU CONTENTS.....	11
POWER MANAGEMENT FEATURE.....	23
TROUBLE SHOOTING.....	24
RECYCLING INFORMATION.....	25
APPENDIX.....	26
SPECIFICATIONS.....	26
DIMENSIONS.....	27
COMPLIANT TIMING.....	27

# FOR YOUR SAFETY

## SAFETY PRECAUTIONS

### WARNING

#### **STOP OPERATING THE MONITOR IF YOU ARE AWARE OF ANY PROBLEMS**

If you notice any abnormal phenomena such as smoke, strange sounds or fumes, unplug the monitor and contact your dealer or iiyama service center immediately. Further use may be dangerous and can cause fire or electric shock.

#### **NEVER REMOVE THE CABINET**

High voltage circuits are inside the monitor. Removing the cabinet may expose you to the danger of fire or electric shock.

#### **DO NOT PUT ANY OBJECT INTO THE MONITOR**

Do not put any solid objects or liquids such as water into the monitor. In case of an accident, unplug your monitor immediately and contact your dealer or iiyama service center. Using the monitor with any object inside may cause fire, electric shock or damage.

#### **INSTALL THE MONITOR ON A FLAT, STABLE SURFACE**

The monitor may cause an injury if it falls or is dropped.

#### **DO NOT USE THE MONITOR NEAR WATER**

Do not use where water may be splashed or spilt onto the monitor as it may cause fire or electric shock.

#### **OPERATE UNDER THE SPECIFIED POWER SUPPLY**

Be sure to operate the monitor only with the specified power supply. Use of an incorrect voltage will cause malfunction and may cause fire or electric shock.

#### **PROTECT THE CABLES**

Do not pull or bend the power cable and signal cable. Do not place the monitor or any other heavy objects on the cables. If damaged, the cables may cause fire or electric shock.

#### **ADVERSE WEATHER CONDITIONS**

It is advisable not to operate the monitor during a heavy thunder storm as the continual breaks in power may cause malfunction. It is also advised not to touch the plug in these circumstances as it may cause electric shock.

## CAUTION

### INSTALLATION LOCATION

Do not install the monitor where sudden temperature changes may occur, or in humid, dusty or smoky areas as it may cause fire, electric shock or damage. You should also avoid areas where the sun shines directly on the monitor.

### DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION

The monitor may topple and cause injury if not suitably located. Please also ensure that you do not place any heavy objects on the monitor, and that all cables are routed such that children may not pull the cables and possibly cause injury.

### MAINTAIN GOOD VENTILATION

Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10 cm (or 4 inches) from any walls. When removing the tilt stand, the ventilation slots on the back side of the monitor can be blocked. This may overheat the monitor and may cause fire or damage. Make sure to allow enough ventilation when removing the tilt stand. Operating the monitor on its back, side, upside down or on a carpet or any other soft material may also cause damage.

### DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR

When you move the monitor, turn off the power switch, unplug the monitor and be sure the signal cable is disconnected. If you do not disconnect them, it may cause fire or electric shock.

### UNPLUG THE MONITOR

If the monitor is not in use for a long period of time it is recommended that it is left unplugged to avoid accidents.

### HOLD THE PLUG WHEN DISCONNECTING

To disconnect the power cable or signal cable, always pull it by the plug. Never pull on the cable itself as this may cause fire or electric shock.

### DO NOT TOUCH THE PLUG WITH WET HANDS

Pulling or inserting the plug with wet hands may cause electric shock.

### WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER

Be sure the computer is strong enough to hold the weight of the monitor, otherwise, you may damage your computer.

### CAREFUL! PROTECT YOUR HANDS AND FINGERS

- Be careful not to hurt your fingers or hands when you change the height or the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.

### REMARK FOR 24/7 USAGE

This product is not specifically designed for 24/7 usage in all environments.

## OTHERS

### ERGONOMIC RECOMMENDATIONS

To eliminate eye fatigue, do not operate the monitor against a bright background or in a dark room. For optimal viewing comfort, the monitor should be just below eye level and 40-60 cm (16-24 inches) away from your eyes. When using the monitor over a prolonged time, a ten minute break every hour is recommended as looking at the screen continuously can cause eye strain.

## SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitors and do not indicate a problem.

- NOTE**
- When you first turn on the LCD monitor, the picture may not fit in the display area because of the type of computer that is used. In this case, adjust the picture position to the correct position.
  - You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
  - Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen can be recovered slowly by changing the image or turning off the Power Switch for some hours.

## CUSTOMER SERVICE

- NOTE**
- If you have to return your unit for service and the original packaging has been discarded, please contact your dealer or iiyama service center for advice or replacement packaging.

## CLEANING

- WARNING**
- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.

- CAUTION**
- For safety reasons, turn off the power switch and unplug the monitor before you clean it.

- NOTE**
- To protect the LCD panel, do not scratch or rub the screen with a hard object.
  - Never use any of the following strong solvents. These will damage the cabinet and the LCD screen.

Thinner	Spray-type cleaner
Benzine	Wax
Abrasive cleaner	Acid or Alkaline solvent

- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

**CABINET** Stains can be removed with a cloth lightly moistened with a mild detergent solvent. Then wipe the cabinet with a soft dry cloth.

**LCD** Periodic cleaning with a soft dry cloth is recommended.

**SCREEN** Don't use tissue paper etc. because these will damage the LCD screen.

# BEFORE YOU OPERATE THE MONITOR

## FEATURES

- ◆ Supports Resolutions up to 3440 × 1440
- ◆ High Contrast 1000:1 (Typical), Adv. Contrast Function Available / Brightness 350cd/m<sup>2</sup> (Typical)
- ◆ Quick Response Time 4ms (Gray to Gray)
- ◆ Moving Picture Response Time 1ms
- ◆ Supports AMD FreeSync™ Premium Technology
- ◆ Flicker - Free
- ◆ Blue Light Reducer
- ◆ Digital Character Smoothing
- ◆ 2 × 5W Stereo Speakers
- ◆ Power Management (VESA DPMS Compliant)
- ◆ VESA Mounting Standard (100mm×100mm) Compliant
- ◆ Keyhole for Security Lock

## CHECKING THE CONTENTS OF THE PACKAGE

The following accessories are included in your package. Check to see if they are enclosed with the monitor. If anything is missing or damaged, please contact your local iiyama dealer or regional iiyama office.

- Power Cable\*
- USB Cable
- Quick Start Guide
- HDMI Cable
- Stand-Base with a screw
- DisplayPort Cable
- Safety Guide

### CAUTION

\* The rating of the Power Cable enclosed in 120V area is 10A/125V. If you are using a power supply higher than this rating, then a power cable with a rating of 10A/250V must be used. However, all guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama. An approved power cable greater or equal to H05VVVF, 3G, 0.75mm<sup>2</sup> must be used.

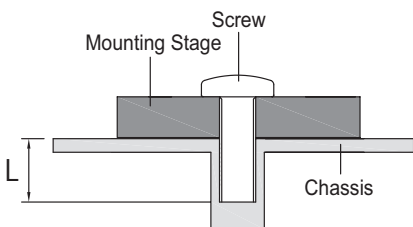


# INSTALLATION

**WARNING** ■ Before installation, make sure the wall, ceiling or desktop arm is strong enough to hold the necessary weight of the monitor and the mount.

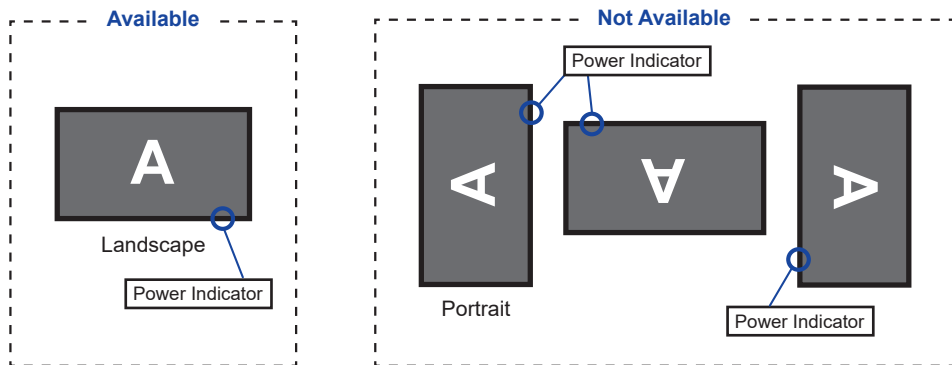
## [WALL MOUNTING]

**WARNING** ■ When you use with the wall mounting, in consideration of thickness of the mounting stage, tighten the M4 Screws (4pcs) with washer which “L” length is 10mm to fasten the monitor. Using the screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.



## [ROTATING THE MONITOR]

This monitor can only be used in landscape. Do not rotate or operate the monitor in any other orientation than landscape.



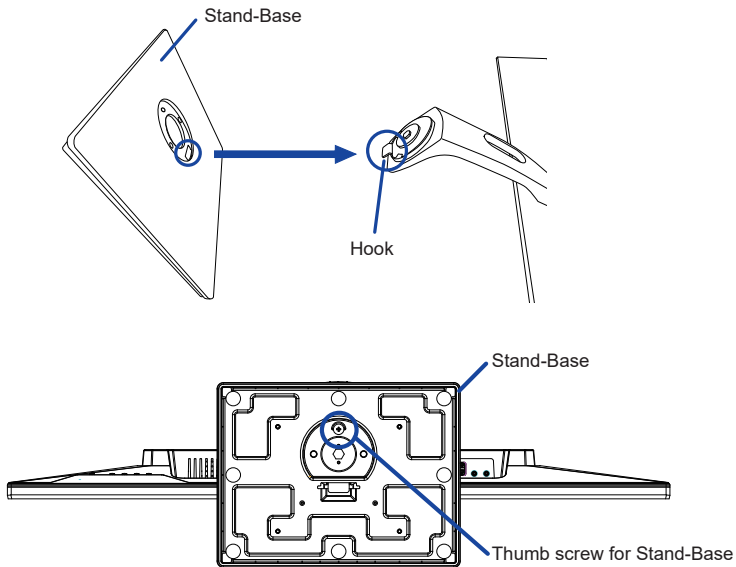
## FITTING AND REMOVAL OF BASE

### CAUTION

- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.

### <Installation>

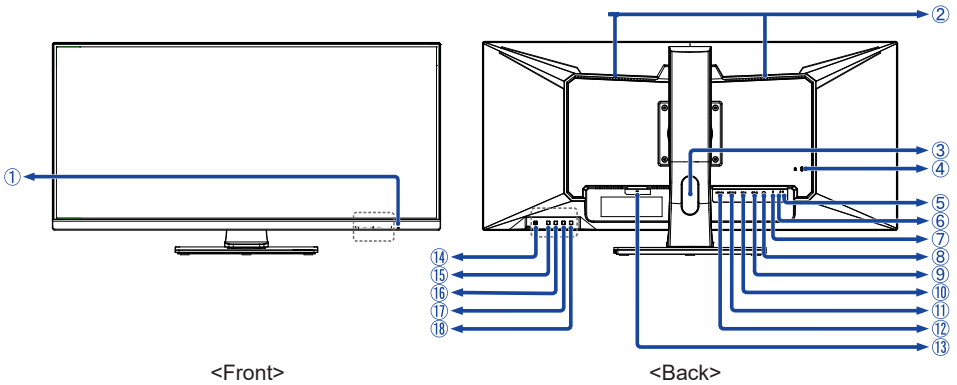
- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched.  
Lay the monitor flat on a table with front face down.
- ② Install the Stand-Base as shown on the below picture.
- ③ Tighten the 'thumb screw' to secure the Stand-Base to the monitor.



### <Removal>

- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched.  
Lay the monitor flat on a table with front face down.
- ② Loosen the 'thumb screw' to remove the Stand-Base from the monitor.

## CONTROLS AND CONNECTORS



### ① Power Indicator

#### NOTE

Blue: Normal operation

Orange: Power Management

### ② Speakers

### ③ Cable Hole

### ④ Keyhole for Security Lock

#### NOTE

You can fasten a security lock and cable to prevent the monitor from being removed without your permission.

### ⑤ USB Downstream Connector ( )

### ⑥ USB Downstream (Battery Charger) Connector ( )

### ⑦ USB Upstream Connector ( )

### ⑧ Headphone Connector ( )

### ⑨ DisplayPort Connector (DP-2)

### ⑩ DisplayPort Connector (DP-1)

### ⑪ HDMI Connector (HDMI-2)

### ⑫ HDMI Connector (HDMI-1)

### ⑬ AC Connector ( ~ : Alternating current )

### ⑭ Power Switch ( )

### ⑮ Menu Button (MENU)

### ⑯ Right / Volume Button ( ) \*

### ⑰ Left / ECO Mode Button ( ) \*

### ⑱ Input Select / Exit Button (INPUT/EXIT) \*

\* You can skip the Menu items and directly display an option setting screen or an adjustment scale.

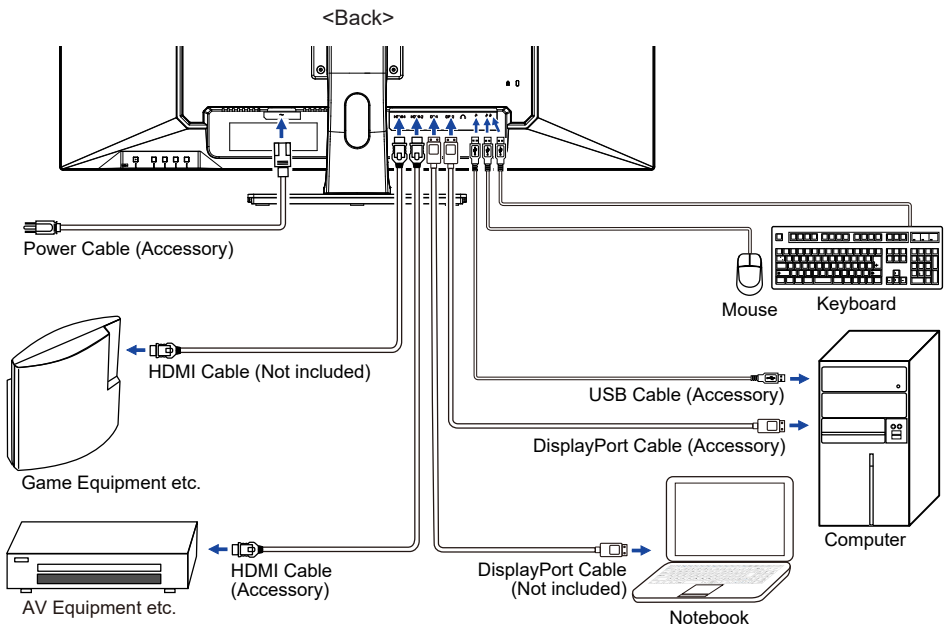
## CONNECTING YOUR MONITOR

- ① Ensure that both the computer and the monitor are switched off.
- ② Connect the computer to the monitor with the signal cable.
- ③ Connect the computer to the monitor with the USB Cable.
- ④ Connect the Power Cable to the monitor first and then to the power source.
- ⑤ Turn on your monitor and computer.

### NOTE

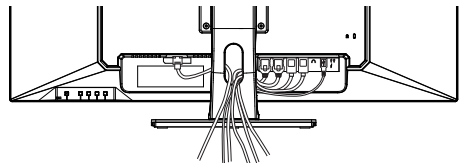
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- For connection to Macintosh computers, contact your local iiyama dealer or regional iiyama office for a suitable adaptor.
- The Class I pluggable equipment Type A must be connected to protective earth.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Excessive sound pressure from ear-/headphones can cause hearing damage/hearing loss.

[Example of Connection]



### [ Collect Cables ]

Put the cables through the Cable Hole to bundle them.



## COMPUTER SETTING

### ■ Signal Timing

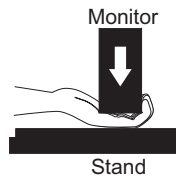
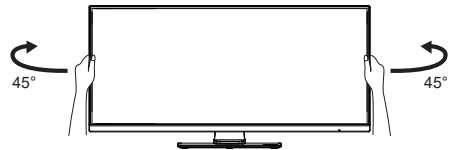
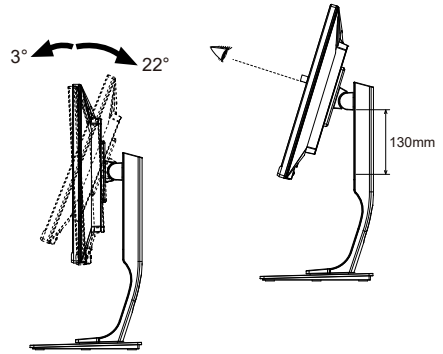
Change to the desired signal timing listed on page 27: COMPLIANT TIMING.

## ADJUSTING THE HEIGHT AND THE VIEWING ANGLE

- For optimal viewing it is recommended to position yourself directly opposite to the full face of the monitor, then adjust the monitor's height and angle to your own preference.
- Hold the panel so that the monitor does not topple when you change the monitor's height or angle.
- You are able to adjust the monitor's height up to 130mm, angle up to 45 degrees right and left, 22 degrees upward and 3 degrees downward.

### NOTE

- Do not touch the LCD screen when you change the height or the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.



# OPERATING THE MONITOR

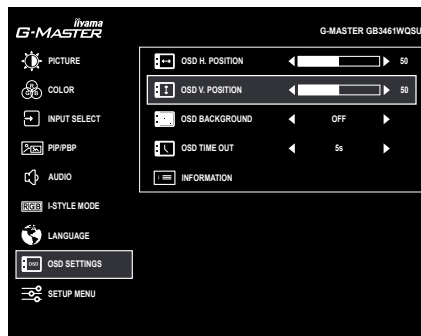
To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 27. You are also able to adjust the picture by following the button operation shown below.

- 1 Press the MENU Button to start the On Screen Display (OSD) feature. There are additional Menu items which can be switched by using the ◀ / ▶ Buttons.



- 2 Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the INPUT Button. Then, use the ◀ / ▶ Buttons to highlight the desired adjustment icon.
- 3 Press the MENU Button again. Use the ◀ / ▶ Buttons to make the appropriate adjustment or setting.
- 4 Press the EXIT Button to leave the menu, and the settings you just made would be automatically saved.

For example, to correct for OSD vertical position, select Menu item of OSD Settings and press the MENU Button. Then, select OSD V. Position by using the ◀ / ▶ Buttons and press the MENU Button. Use the ◀ / ▶ Buttons to change the OSD vertical position settings. The OSD vertical position should be changing accordingly while you are doing this.

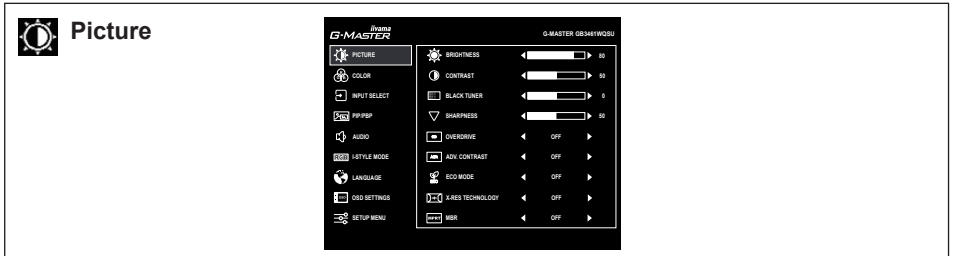


When you press the EXIT Button to end the adjustment, all changes are saved in the memory.

## NOTE

- When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the OSD Time Out has passed. Also, the EXIT Button can be used to return previous menu and turn off the On-Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.

# ADJUSTMENT MENU CONTENTS



Adjustment Item	Problem / Option	Button to Press
Brightness *1,2	Too dark Too bright	
Contrast *2	Too dull Too intense	
Black Tuner *2	From -5 to +5 You can adjust Dark shades.	
Sharpness	You can change the picture quality from 0 to 100 (sharp to soft). Press the  Button to change the picture quality in numerical order. Press the  Button to change the picture quality in reverse numerical order. Adjust the picture quality at resolutions of less than 3440 x 1440.	
Overdrive *2	Off / -2 / -1 / 0 / +1 / +2 Improve the gray level response time of the LCD panel. A higher level results in a faster response time.	
Adv. Contrast *2	On	Increase Contrast Ratio.
	Off	Typical Contrast Ratio
ECO Mode *2	Off	Normal
	1	Brightness of back-light is reduced.
	2	Brightness of back-light is reduced more than 1.
X-Res Technology *2	3	Brightness of back-light is reduced more than 2.
	Off	Normal
	Soft	Enhance the picture edge.
MBR *2,3	Middle	Enhance the picture edge more than the Soft option.
	Hard	Enhance the picture edge more than the Middle option.
	Off / -2 / -1 / 0 / +1 / +2 Improve the moving picture response time of the LCD panel.	

- \*<sup>1</sup> Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.
- \*<sup>2</sup> The availability of each item depends on which item is activated. See page 22 Function Correlation Matrix for more details.
- \*<sup>3</sup> MBR is available only when the refresh rate is higher than 75Hz.

## Direct

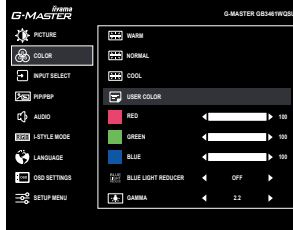
You can skip the Menu items and directly display an option setting screen by using the following button operations.

- ECO Mode: Press the  Button when the Menu is not displayed.





## Color



Adjustment Item	Problem / Option		Button to Press
Warm *	Warm color		
Normal *	Normal color		
Cool *	Cool color		
User Color *	Red	Too weak	
	Green	Too strong	
	Blue		
Blue Light Reducer *	Off	Typical	
	1	Blue light is reduced.	
	2	Blue light is reduced more than 1.	
	3	Blue light is reduced more than 2.	
Gamma	You can set the Gamma. 1.8 / 2.2 / 2.6		

\* The availability of each item depends on which item is activated. See page 22 Function Correlation Matrix for more details.



## Input Select

**Direct**



### Adjustment Item

### Option

#### Input Select

HDMI 1	Select the HDMI1 input.
HDMI2	Select the HDMI2 input.
DisplayPort 1	Select the DisplayPort1 input.
DisplayPort2	Select the DisplayPort2 input.
AUTO	Search for an available input source and select automatically.

#### NOTE

"AUTO" function enables automatic selection of the input sources available. The input source from the computer in power management mode can not be selected. If you manually select one of the input sources, the other source is not automatically selected.

## Direct

You can skip the Menu items and directly display an option setting screen by using the following button operations.

- Input Select: Press the INPUT Button when the Menu is not displayed.





## PiP/PbP



Adjustment Item	Option	
PiP/PbP Mode *1,2	Off	PiP/PbP Mode is turned off.
	PiP	Display the sub screen in the main screen.
	PbP	Display the main screen on the left and the sub screen on the right.
Sub Win Input	HDMI 1	Select the HDMI1 input.
	HDMI2	Select the HDMI2 input.
	DisplayPort 1	Select the DisplayPort1 input.
	DisplayPort2	Select the DisplayPort2 input.
PiP Size	Small	Reduce the size of the Sub screen.
	Middle	Normal size
	Large	Increase the size of the Sub screen.
PiP Position	Top Right	Move the sub screen to the top right corner.
	Top Left	Move the sub screen to the top left corner.
	Bottom Right	Move the sub screen to the bottom right corner.
	Bottom Left	Move the sub screen to the bottom left corner.
Swap	Swap the Main/Sub screens when PiP/PbP mode is active.	





\*1 PiP = Picture in Picture

With this function, you can display two different pictures.

PbP = Picture by Picture

With this function, display images from two sources side by side.



\*2 The availability of each item depends on which item is activated. See page 22 Function Correlation Matrix for more details.

Adjustment Item		Problem / Option	Button to Press
Volume	<b>Direct</b>	Too soft Too loud	   
Mute	<b>Direct</b>	On	Turn off the sound temporarily.
		Off	Return the sound volume to the previous level.
Audio Input *		HDMI1	Select the HDMI1 input.
		HDMI2	Select the HDMI2 input.
		DisplayPort 1	Select the DisplayPort1 input.
		DisplayPort2	Select the DisplayPort2 input.

\* "Audio Input" selection is available only when PiP/PbP function is activated.

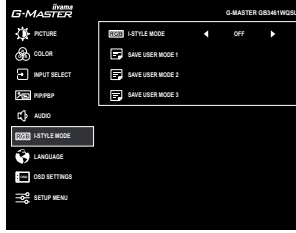
### Direct

You can skip the Menu items and directly display an adjustment scale or an option setting screen by using the following button operations.

- Volume: Press the  Button when the Menu is not displayed.
- Mute: Keep pressing the  Button for about 2 seconds when the Menu is not displayed. Mute and Unmute are switched by repeating the above button operation.



## i-Style Mode



Adjustment Item	Option	
i-Style Mode *	Off	i-Style Mode is tuned off.
	Standard	For general windows environment and monitor default setting
	Sport	For sports game environment
	FPS	For FPS game environment
	Strategy	For Strategy game environment
	Text	For text editing and viewing in a word processing environment
	User Mode 1	Applies customized monitor settings.
	User Mode 2	Applies customized monitor settings.
User Mode 3	Applies customized monitor settings.	
Save User Mode 1/2/3	Save the settings of the screen adjustment.	

**NOTE**

The monitor can memorize your customized monitor settings.

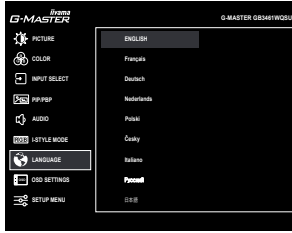
The following settings can be memorized:

Brightness, Contrast, Black Tuner, Sharpness, Overdrive, Adv. Contrast, ECO Mode, Color, Volume, Mute, i-Style Mode

\* The availability of each item depends on which item is activated. See page 22 Function Correlation Matrix for more details.



# Language



## Adjustment Item

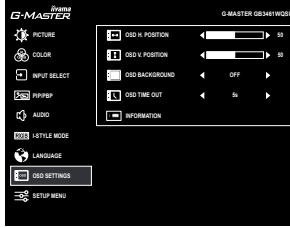
## Option








Language

English	English	Česky	Czech
Français	French	Italiano	Italian
Deutsch	German	Русский	Russian
Nederlands	Dutch	日本語	Japanese
Polski	Polish		



## OSD Settings



Adjustment Item	Problem / Option	Button to Press
OSD H. Position	OSD is too left OSD is too right	 
OSD V. Position	OSD is too low OSD is too high	 
OSD Background	On	The background of OSD is made transparent.
	Off	Return to Menu.
OSD Time Out	You can set the OSD display duration time. 5 / 10 / 30 / 60 seconds	 
Information	Display the information regarding the current input signal coming from the graphic card in your computer. <Example> 	<b>NOTE</b> See your graphic card user guide for more information about changing the resolution and refresh rate.



## Setup Menu



Adjustment Item	Option	
Video Mode Adjust *1,2	Full Screen	Full screen display
	17 inch	Display the picture as 17 inch screen (5 : 4).
	19 inch	Display the picture as 19 inch screen (5 : 4).
	19.5 inch	Display the picture as 19.5 inch screen (16 : 9).
	21.5 inch	Display the picture as 21.5 inch screen (16 : 9).
	23 inch	Display the picture as 23 inch screen (16 : 9).
HDMI RGB Range *3	Full Range	For full-range color scale signal
	Limited Range	For limited color scale signal
Direct Drive *2	On	Reduce the input-lag.
	Off	Typical
<p><b>NOTE</b> Changing Resolution and Refresh rate or turning Power Off/On might disable the Direct Drive function.</p>		
FreeSync *2	On	Enable the Freesync function.
	Off	The Freesync function is turned off.
HDR *2	On	For HDR (High Dynamic Range) signal
	Off	For normal signal
Opening Logo	On	G-MASTER Logo is displayed when the monitor is turned on.
	Off	G-MASTER Logo is not displayed when the monitor is turned on.
LED	On	The Power Indicator is turned On.
	Off	The Power Indicator is turned Off.
<p><b>NOTE</b> Turn Off the Power Indicator when you are bothered by the light.</p>		
Memory Recall	Yes	Factory-preset data is restored.
	No	Return to Menu.

\*1 Video Mode Adjust is disabled when displaying 3440 × 1440 144Hz timing.

\*2 The availability of each item depends on which item is activated. See page 22 Function Correlation Matrix for more details.

\*3 Available for HDMI input only.



## ● Lock Mode

### <OSD Menu>

1. The OSD lock will be activated by pressing the MENU and ► Buttons for 10 seconds. If you try to access the OSD by pressing any of the buttons, message "OSD Locked" will appear on the screen.
2. The OSD lock will be deactivated by pressing the MENU and ► Buttons again for 10 seconds.

### <Power Switch>

1. The power switch lock will be activated by pressing the MENU and ◀ Buttons for 10 seconds. Locking the power switch means that won't be able to turn off the Monitor while the power switch is locked. If you press the power switch, message "Power Button Locked" will appear on the screen.
2. The power switch lock will be deactivated by pressing the MENU and ◀ Buttons again for 10 seconds.

### ■ Function Correlation Matrix

Item to be selected Item activated	Picture								Color		PiP/PbP	i-Style Mode	Setup Menu			
	Brightness	Contrast	Black Tuner	Overdrive	Adv. Contrast	ECO Mode	X-Res Technology	MBR	Warm / Normal / Cool / User Color	Blue Light Reducer	PiP/PbP Mode	i-Style Mode	Video Mode Adjust	Direct Drive	FreeSync	HDR
Adv. Contrast	–	✓	✓	✓	–	–	✓	–	✓	–	✓	✓	✓	✓	✓	✓
ECO Mode	–	✓	✓	✓	–	–	✓	–	✓	–	✓	✓	✓	✓	✓	✓
MBR	–	✓	–	–	–	–	✓	–	✓	–	✓	✓	✓	✓	✓	–
Blue Light Reducer	–	✓	✓	✓	–	–	✓	–	–	–	✓	–	✓	✓	✓	✓
PiP/PbP Mode	✓	✓	✓	–	–	✓	✓	–	✓	✓	–	✓	–	–	–	–
i-Style Mode	–	–	–	–	–	–	✓	✓	–	–	✓	–	✓	✓	✓	✓
Direct Drive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–
FreeSync	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–	–	–
HDR	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–

✓ : Available

– : Not available

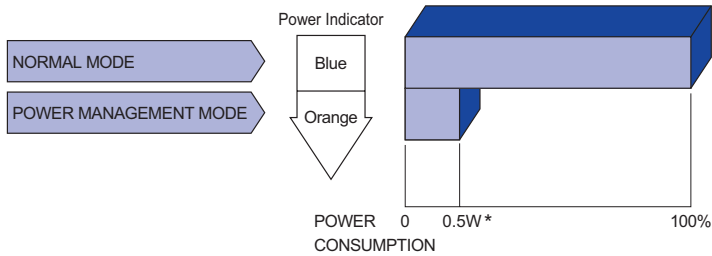
## POWER MANAGEMENT FEATURE

The power management feature of this product complies with power saving requirement of ENERGY STAR® and VESA DPMS. When activated, it automatically reduces unnecessary power consumption of the monitor when your computer is not in use.

To use the feature, the monitor needs to be connected to a VESA DPMS compliant computer. There is a power management step the monitor takes as described below. The power management function, including any timer settings is configured by the operating system. Check your operating system manual for information on how this can be configured.

### ■ Power Management Mode

When the video signal from the computer is off, the monitor enters into Power Management Mode which reduces the power consumption to less than 0.5W\*. The screen becomes dark, and the power indicator turns to orange. From Power Management Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.



\* USB peripheral and audio equipment are not connected.

**NOTE** Even when using the power management mode, the monitor consumes electricity. Turn off the Power Switch whenever the monitor is not in use, during the night and weekends, to avoid unnecessary power consumption.

# TROUBLE SHOOTING

If the monitor fails to operate correctly, please follow the steps below for a possible solution.

1. Perform the adjustments described in OPERATING THE MONITOR, depending on the problem you have. If the monitor does not get a picture, skip to 2.
2. Consult the following items if you cannot find an appropriate adjustment item in OPERATING THE MONITOR or if the problem persists.
3. If you are experiencing a problem which is not described below or you cannot correct the problem, discontinue using the monitor and contact your dealer or iiyama service center for further assistance.

## Problem

## Check

- ① The picture does not appear.

(Power indicator does not light up.)

- The Power Cable is firmly seated in the socket.
- The Power Switch is turned ON.
- The AC socket is live. Please check with another piece of equipment.

(Power indicator is blue.)

- If the blank screen saver is in active mode, touch the keyboard or the mouse.
- Increase the Contrast and/or Brightness.
- The computer is ON.
- The Signal Cable is properly connected.
- The signal timing of the computer is within the specification of the monitor.

(Power indicator is orange.)

- If the monitor is in power management mode, touch the keyboard or the mouse.
- The computer is ON.
- The Signal Cable is properly connected.
- The signal timing of the computer is within the specification of the monitor.

- ② The screen is not synchronized.

- The Signal Cable is properly connected.
- The signal timing of the computer is within the specification of the monitor.
- The video output level of the computer is within the specification of the monitor.

- ③ The screen position is not in the center.

- The signal timing of the computer is within the specification of the monitor.

- ④ The screen is too bright or too dark.

- The video output level of the computer is within the specification of the monitor.

- ⑤ The screen is shaking.

- The power voltage is within the specification of the monitor.
- The signal timing of the computer is within the specification of the monitor.

- ⑥ No sound.

- The audio equipment (computer etc.) is ON.
- The Volume is turned up.
- The Mute is OFF.
- The audio output level of the audio equipment is within the specification of the monitor.

- ⑦ The sound is too loud or too quiet.

- The audio output level of the audio equipment is within the specification of the monitor.

# RECYCLING INFORMATION

For better environment protection please don't dispose your monitor.  
Please visit our web site: [www.iiyama.com](http://www.iiyama.com) for monitor recycling.

# APPENDIX

Design and specifications are subject to change without prior notice.

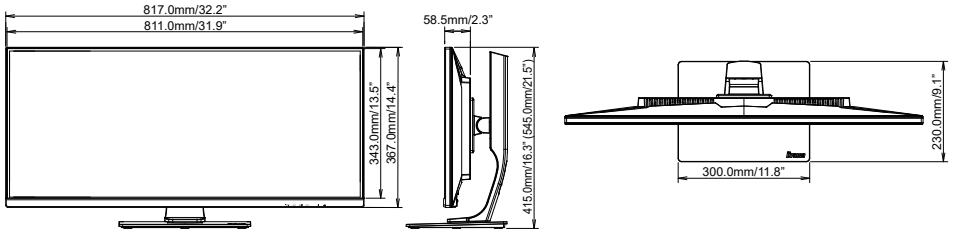
## SPECIFICATIONS

ENGLISH

Size Category	34"	
LCD Panel	Panel technology	IPS Panel Technology
	Size	Diagonal: 34" (86.7cm)
	Pixel pitch	0.233mm H × 0.233mm V
	Brightness	350cd/m <sup>2</sup> (Typical)
	Contrast ratio	1000 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down: 89 degrees each (Typical)
	Response time	4ms (Gray to Gray)
	MPRT	1ms
Display Colors	16,777,216	
Sync Frequency	HDMI (without FreeSync): Horizontal: 30.0-185.0kHz, Vertical: 15-30 / 55-120Hz HDMI (with FreeSync): Horizontal: 30.0-185.0kHz, Vertical: 48-120Hz DisplayPort (without FreeSync): Horizontal: 30.0-220.0kHz, Vertical: 55-144Hz DisplayPort (with FreeSync): Horizontal: 30.0-220.0kHz, Vertical: 48-144Hz	
Native Resolution	3440 × 1440, 4.9 MegaPixels	
Supported max. resolution	HDMI: 3440 × 1440, 120Hz DisplayPort: 3440 × 1440, 144Hz	
Input Connector	HDMI × 2, DisplayPort × 2	
Plug & Play	VESA DDC2B™	
Input Video Signal	HDMI, DisplayPort	
USB Standard	USB3.0	
Number of USB Ports	1 Upstream : Series B	
Connector shape	2 Downstream : Series A	
Headphone Connector	ø 3.5mm mini jack (Stereo)	
Speakers	5W × 2 (Stereo speakers)	
Maximum Screen Size	799.8mm W × 334.8mm H / 31.5" W × 13.2" H	
Power Source	100-240VAC, 50/60Hz, 1.2A	
Power Consumption*	49W typical, Power management mode: 0.5W maximum Energy Efficiency Class: B	
Dimensions / Net Weight	817.0 × 415.0 - 545.0 × 230.0mm / 32.2 × 16.3 - 21.5 × 9.1" (W×H×D) 9.7kg / 21.4lbs	
Angle	Tilt: Upward: 22 degrees, Downward: 3 degrees Swivel: Left/Right: 45 degrees each	
Environmental Considerations	Operating: Temperature 5 to 35°C / 41 to 95°F Humidity 10 to 80% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 5 to 85% (No condensation)	
Approvals	CE, TÜV-Bauart, VCCI, PSE, EAC	

**NOTE** \* USB peripheral and audio equipment are not connected.

## DIMENSIONS



( ) : Maximum adjustment range

## COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock
800 × 600	37.879kHz	60.317Hz	40.000MHz
	46.875kHz	75.000Hz	49.500MHz
1024 × 768	48.363kHz	60.004Hz	65.000MHz
	60.023kHz	75.029Hz	78.750MHz
1280 × 1024	63.981kHz	60.020Hz	108.000MHz
	79.976kHz	75.025Hz	135.000MHz
1920 × 1080	66.590kHz	59.930Hz	138.500MHz
3440 × 1440	113.026kHz	75.050Hz	438.540MHz <sup>*1</sup>
	150.972kHz	99.982Hz	543.500MHz <sup>*1</sup>
	182.997kHz	119.998Hz	670.500MHz <sup>*1</sup>
	217.321kHz	143.921Hz	799.740MHz <sup>*1,2</sup>
1720 × 1440	88.860kHz	60.000Hz	167.057MHz <sup>*3</sup>

**NOTE** <sup>\*1</sup> The source graphics card must be capable of supporting 3440 × 1440 resolution at 75Hz / 100Hz / 120Hz / 144Hz.

<sup>\*2</sup> Available for DisplayPort input only.

<sup>\*3</sup> Recommended to use on PbP mode.