# Important instructions for using the touch screen

Please clean the frame when there is sign of malfunction on the touch screen.

• Before you clean the screen, make sure the display is turned off, and unplug the power cord.

• Remove dust or dirt from the screen and the infrared plastic filter periodically. It is suggested using a small amount of alcohol to clean the infrared plastic filter.

• To avoid damage to the screen, never use any type of abrasive materials to wipe the screen.

• Use a neutral detergent to clean the touch screen. Avoid using detergents with erosive substance, such as banana oil or ammonia.

• Moisten a clean soft, lint-free cloth with a neutral detergent and then clean the touch screen.

• Do not spray a detergent on the screen surface or the body directly. It may result in a short circuit to the touch screen.

• Keep the touch screen out of direct sunlight or spotlights.
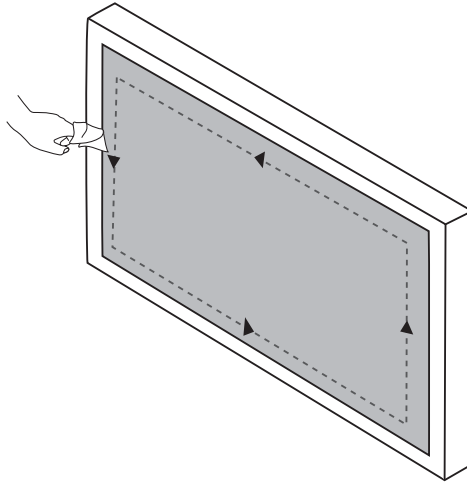
Basic operations

Turning the display on or off
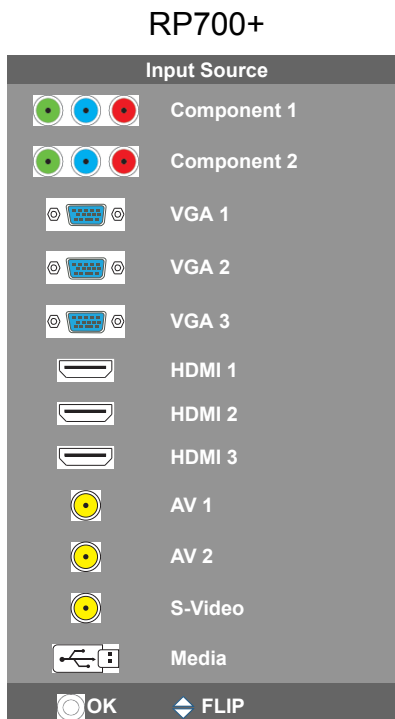

Power
Button

Master Switch

Only by switching on master switch will either power button work. To turn on or off the display, press the power button on the display's control panel or on the remote control.
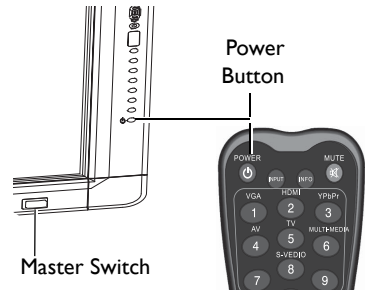
• The display's standby mode still consumes power. To completely cut off power supply, set the power switch to the off position or disconnect the power cord from the power outlet.
• The display follows the VESA approved DPM Power Management function. The power management function is an energy saving feature that automatically reduces the display's power consumption when the keyboard or the mouse has not been used for a fixed period.

Switching input signals

Press the **INPUT** button and those signal selection buttons on the remote control or the **INPUT** button on the control panel to select an input signal.

RP700+

Input Source	
🟢🔵🔴	**Component 1**
🟢🔵🔴	**Component 2**
▢	**VGA 1**
▢	**VGA 2**
▢	**VGA 3**
▭	**HDMI 1**
▭	**HDMI 2**
▭	**HDMI 3**
🟡	**AV 1**
🟡	**AV 2**
🟡	**S-Video**
⇆	**Media**
⭕OK	⬍ **FLIP**

Adjusting audio volume level

Press ◀ /- or ▶ /+ on the control panel or ◀ **/ VOL- /** ▶ **/ VOL+** on the remote control to adjust the volume.
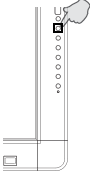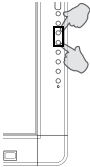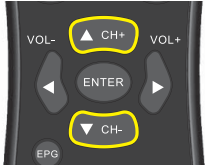
The OSD (On-Screen Display) menu
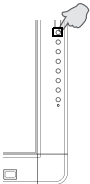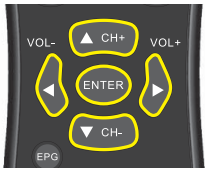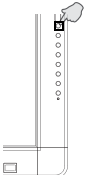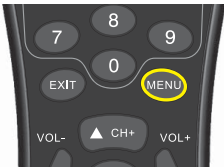
OSD menu overview

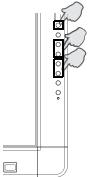| Menu name	Options/functions	See page
Picture	• **Picture Mode** • **Color Temperature** • **Aspect Ratio** • **Noise Reduction** • **Screen** • **Backlight** • **Auto Backlight**	31
Sound	• **Sound Mode** • **Balance** • **Auto Volume** • **Surround Sound** • **SPDIF Mode** • **Equalizer** • **Amplifier Control**	32
Default	• **OSD Language** • **Blending** • **Key Lock** • **Restore Factory Default** • **Temperature Control**	33
Clock	• **Clock** • **Off Time** • **On Time** • **Sleep Time** • **Auto Sleep** • **OSD Duration**	34

Some options are only available when a certain input signal source is selected.

Operations in the OSD menu

Using the control panel buttons	Using the remote control
1. Press **MENU** to open the OSD menu.	1. Press **MENU** to open the OSD menu.
2. In the OSD menu, press ▲ or ▼ to select an item.	2. Press ▲ or ▼ to select an item.
3. Press **INPUT/ENTER** to confirm selections.	3. Press **ENTER** to confirm selections.
4. Press ▲ or ▼ to select a feature and press ◄ or ► to adjust settings. Press **INPUT/ENTER** to save changes.	4. Press ▲ and ▼ to select a feature and press ◄ or ► to adjust settings. Press **ENTER** to confirm changes.
5. Press **MENU** to close the OSD menu.	5. Press **MENU** to close the OSD menu.

Picture menu

Picture

Picture Mode	Standard
Color Temperature	User
Aspect Ratio	4:3
Noise Reduction	Default
Screen	Auto Adjust
Backlight	
Auto Backlight	10

Name	Description
Picture Mode	Sets the display mode. Available modes are **Standard**, **Mild**, **User**, **Classroom**, and **Dynamic**. Properties such as **Contrast**, **Brightness**, **Color**, **Sharpness**, and **Tint** can be adjusted if the mode is set to **User**.
Color Temperature	Adjusts the color temperature. Available color temperatures are **Classroom**, **Warm**, **Medium**, **Cool**, and **User**. Properties such as **Red**, **Green**, and **Blue** can be adjusted further if color temperature is set to **User**
Aspect Ratio	Sets the picture's aspect ratio. Available aspect ratios are **Auto**, **4:3**, **16:9**, **Zoom1**, **Zoom2**, **Overscan**, **Panorama**, **PointToPoint**. Aspect rations supported by each input: • HDMI: **Auto**, **4:3**, **16:9**, **Zoom1**, **Zoom2**, **Overscan**, **Panorama**, **PointToPoint**. • VGA: **4:3**, **16:9**, **PointToPoint**. • M-USB: **Auto**, **4:3**, **16:9**. • AV, Component, and S-Video: **Auto**, **4:3**, **16:9**, **Zoom1**, **Zoom2**, **Panorama**,
Noise Reduction	Reduces electrical image noise caused by different media players. Available modes are **Off**, **Low**, **Middle**, **High**, and **Default**.
Screen	Sets screen to **Auto Adjust**, or manually fine-tunes **Horizontal Pos.**, **Vertical Pos.**, **Size**, and **Phase**.
Backlight	Adjusts the backlight intensity for the screen.
Auto Backlight	Sets the backlight intensity to automatic mode with **Off** or **On**.

Sound menu
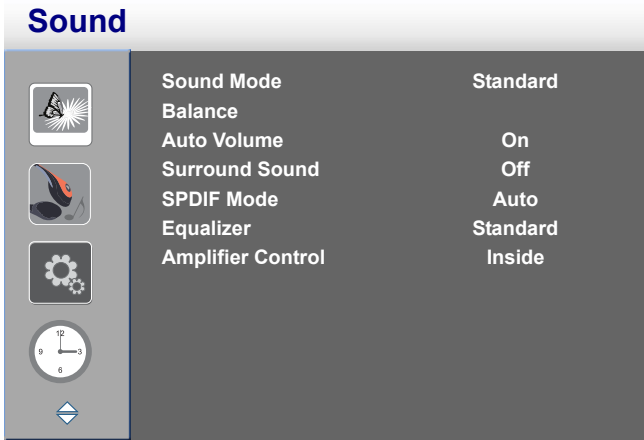
Name	Description
Sound Mode	Adjusts the sound output from the speakers. Available modes are **Standard**, **Music**, **Movie**, **Sports**, and **User**. Properties such as **Treble** and **Bass** can be adjusted i if the mode is set to **User**.
Balance	Adjusts the audio balance.
Auto Volume	Sets volume to automatic mode with **Off** or **On**.
Surround Sound	Sets the surround mode to **Off**, **Surround**, or **SRS Trusurround XT**.
SPDIF Mode	Sets SPDIF mode to **PCM** or **Auto**.
Equalizer	Sets equalizer mode to **User**, **Standard**, **Music**, **Movie**, or **Sports**. Properties such as **120 Hz**, **500 Hz**, **1.2 KHz**, **7.5 KHz**, and **12 KHz** can be adjusted when mode is set to **User**.
Amplifier Control	Sets amplifier control mode to **Inside** or **Outside**.

Default menu

Default

OSD Language	English
Blending	Off
Key Lock	Off
Restore Factory Default	
Temperature Control	Off
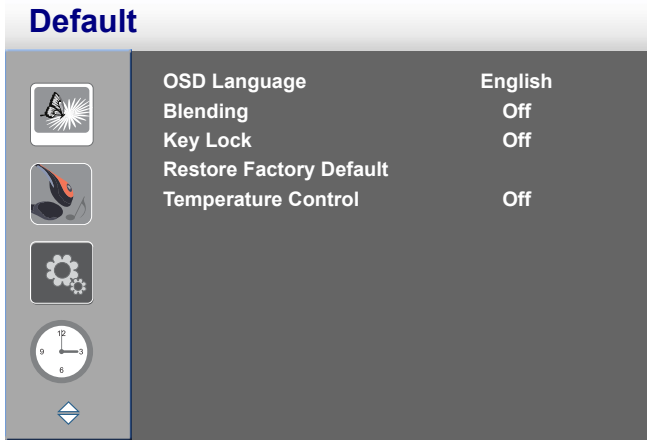
Name	Description
OSD Language	Sets your preferred language for the OSD menu.
Blending	Sets blending modes to **Off**, **Low**, **Middle**, or **High**.
Key Lock	Sets key lock status to **Off** or **On**.
Restore Factory Default	Returns all settings to factory default values with prompts of **Yes** or **No**.
Temperature Control	Sets temperature control mode to **Off** or **On**.

Clock menu
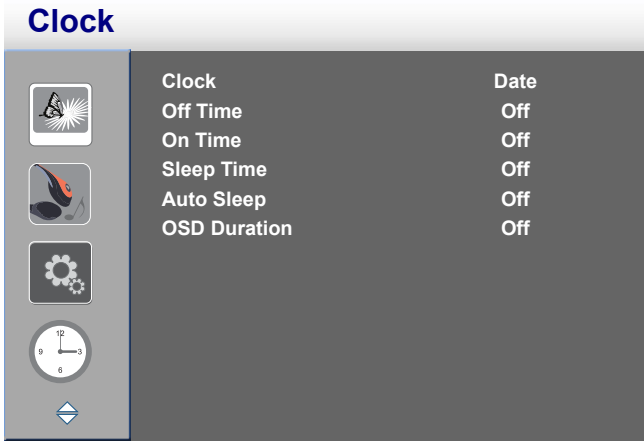
Name	Description
Clock	Sets the current date and time with items such as **Date**, **Month**, **Year**, **Hour**, **Minute**. Set the current time before you set the **On/Off Timer**.
Off Time	Sets when to turn off the display. Available options are **Off**, **Once**, **Everyday**, **Monday~Friday**, **Monday~Saturday**, **Saturday~Sunday**, and **Sunday**. Properties such as **Hour** and **Minute** can be adjusted further.
On Time	Sets when to turn on the display. Available options are **Off**, **Once**, **Everyday**, **Monday~Friday**, **Monday~Saturday**, **Saturday~Sunday**, and **Sunday**. Properties such as **Hour** and **Minute** can be adjusted further.
Sleep Time	Sets time to hibernate the display from **Off**, **10min**, **20min**, **30min**, **60min**, **90min**, **120min**, **180min**, and **240min**.
Auto Sleep	Sets automatic hibernation to **Off** or **On**.
OSD Duration	Sets time for OSD to last from **Off**, **5sec**, **10sec**, or **15sec**.

Multimedia OSD operation

The multimedia OSD system provides a variety of settings when the display is connecting to USB drives.

To access the multimedia OSD system:

1. Make sure the USB drive is correctly connecting to the display. See for details.

2. Press **MULTI-MEDIA** on the remote control or select **Media** from the source selection bar to access the multimedia OSD system. The main page appears.
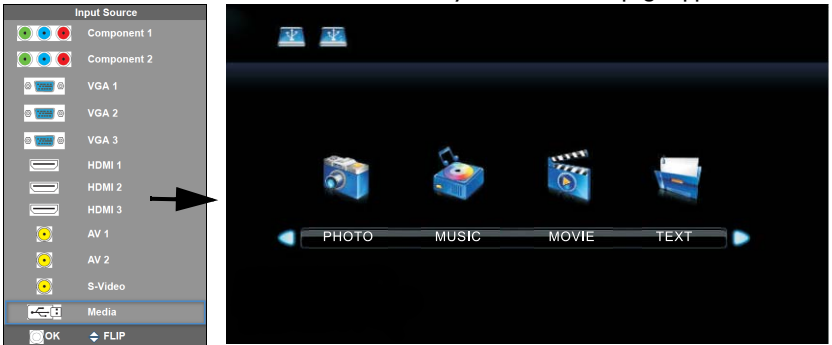
3. Select your desired menu to operate.

Multimedia buttons on the remote control

To operate the multimedia OSD system, use the buttons on the remote control.

No	Name	Description
1	MENU	Switches to the OSD menu.
2	EXIT	Goes back to root page of disk selection.
3	ENTER	Selects/deselects an item.
4	◀ / ▶ / ▲ / ▼	Directional arrows for selecting a desired item.
5	REV	Fast rewinds the current selected item.
6	▶/❚❚	Starts/resumes/pauses playback.
7	■	Stops image playback.
8	FWD	Fast forwards the current selected item.
9	PREV	Goes back to the previous selected item.
10	NEXT	Goes to the next selected item.

Viewing files

To view the files on your USB flash drive, simply plug your USB flash drive to the **M USB** jack on the display and select from **PHOTO**, **MOVIE**, **MUSIC**, and **TEXT**.

PHOTO:

Lists all the supported image files in thumbnail view. Select the image you want to display and perform the functions as provided on the screen according to your needs.
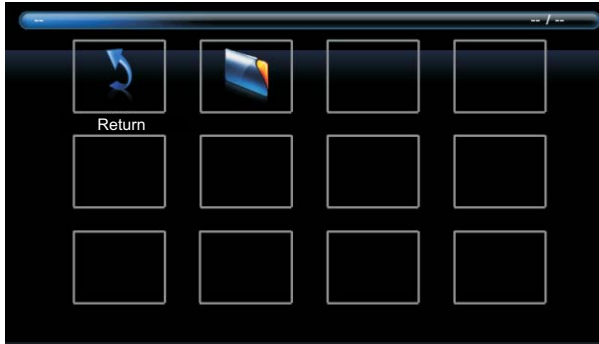
Remote control key functions		
No	Name	Description
1	**MENU**	Switches to the OSD menu.
2	**EXIT**	Goes back to root page of disk selection.
3	**ENTER**	Selects/deselects a desired image.
4	◀ / ▶ / ▲ / ▼	Directional arrows for selecting a desired image.
5	**REV**	
6	▶/❚❚	Starts/resumes/pauses playback.
7	■	Stops image playback.
8	**FWD**	
9	**PREV**	Goes back to the previous selected image.
10	**NEXT**	Goes to the next selected image.

- Instead of press **INFO** button on the remote control, metadata of the selection on the cursor will be revealed around 3 seconds later.
- Use ◀ / ▶ / ▲ / ▼ and **ENTER** to select multiple files as a playlist.
- Use ◀ / ▶ for previous/next image in the playback.
- Supported image format: jpg/jpeg/bmp/png.

MUSIC:

Select the track you want to play and perform the functions as provided on the screen according to your needs.

No	Name	Description
1	**MENU**	Switches to the OSD menu.
2	**EXIT**	Goes back to root page of disk selection.
3	**ENTER**	Selects/deselects a desired track.
4	◄ / ► / ▲ / ▼	Directional arrows for selecting a desired track.
5	**REV**	Fast rewinds the current selected track.
6	►/❚❚	Starts/resumes/pauses playback.
7	■	Stops playback.
8	**FWD**	Fast forwards the current selected track.
9	**PREV**	Goes back to the previous selected track.
10	**NEXT**	Goes to the next selected track.

Table header: Remote control key functions

• Instead of press **INFO** button on the remote control, metadata of the selection on the cursor will be revealed around 3 seconds later.

• Use ◄ / ► / ▲ / ▼ and **ENTER** to select multiple files as a playlist.

• Supported audio format: mp3/wma/AAC.

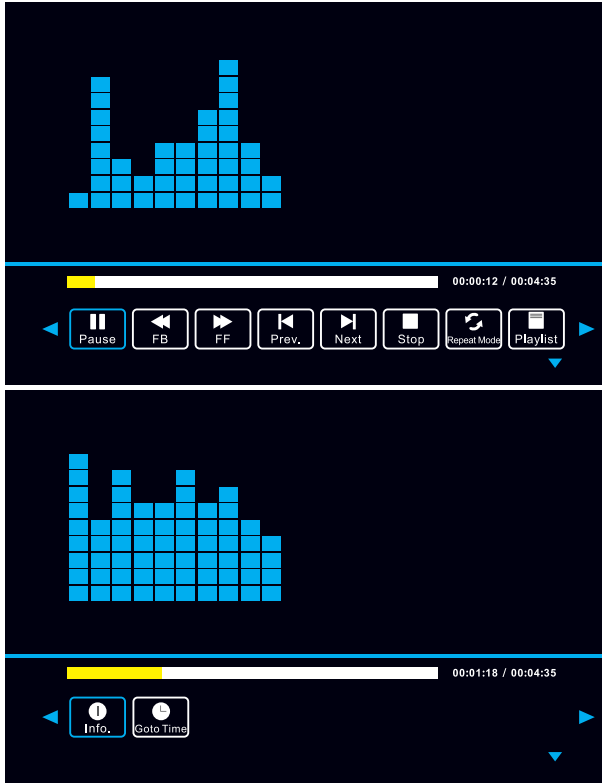| Legend of icons	
Icon	**Description**
Pause	Pauses/resumes playback.
FB FF	Fast rewinds/fast forwards playback.
Prev. Next	Goes back/go to the previous/next track in the playlist.
Stop Repeat Mode	Stops playback/selects repeat mode as single repeat or all repeat.
Playlist	Checks the items in the playlist.
Info.	Displays metadata of the current track.
Goto Time	Directly goes to certain playback time and plays.

MOVIE:

Select the video file you want to play and perform the functions as provided on the screen according to your needs.

Remote control key functions		
No	Name	Description
❶	**MENU**	Switches to the OSD menu.
❷	**EXIT**	Goes back to root page of disk selection.
❸	**ENTER**	Selects/deselects a desired video.
❹	◀ / ▶ / ▲ / ▼	Directional arrows for selecting a desired video.
❺	**REV**	Fast rewinds the current selected video.
❻	▶/❚❚	Starts/resumes/pauses playback.
❼	◼	Stops playback.
❽	**FWD**	Fast forwards the current selected video.
❾	**PREV**	Goes back to the previous selected video.
❿	**NEXT**	Goes to the next selected video.

- Instead of press **INFO** button on the remote control, metadata of the selection on the cursor will be revealed around 3 seconds later.
- Use ◀ / ▶ / ▲ / ▼ and **ENTER** to select multiple files as a playlist.
- Press **PREV/NEXT** multiple times for multiple rewind/forward speed.
- Supported video format: avi/mkv/ts/dat/vob/mpg/mpeg/mov/mp4/rm/rmvb. Some subtitle files (.srt) may be displayed incorrectly due to encoding formats.

TEXT:

Supports text files. Select the text file you want to display and perform the functions as provided on the screen according to your needs.

No	Name	Description
Remote control key functions		
1	**MENU**	Switches to the OSD menu.
2	**EXIT**	Goes back to root page of disk selection.
3	**ENTER**	Opens the selected file.
4	◀ / ▶ / ▲ / ▼	Directional arrows for selecting a desired text file
5	**REV**	Page up.
6	▶/❚❚	Starts/resumes/pauses playback.
7	■	Stops playback.
8	**FWD**	Page down.
9	**PREV**	Goes back to the previous selected text file.
10	**NEXT**	Goes to the next selected text file.

• Instead of press **INFO** button on the remote control, metadata of the selection on the cursor will be revealed around 3 seconds later.
• Use ◀ / ▶ / ▲ / ▼ and **ENTER** to select multiple files as a playlist.
• Supported text file encoding format: UTF-8.

Product information

Specifications

Item	Specifications		
	RP700+		
LCD panel	Backlight	E-LED	
	Panel size	70"	
	Pixel pitch (mm)	0.802	
	Native resolution (pixels)	1920 x 1080	
	Brightness (cd/m^2) (typical)	350	
	Contrast (typical)	4000:1	
	Response time (ms) (typical)	6	
	Panel Bit	10-bit	
Touch	Technology	IR Touch	
	Resolution	32767 x 32767	
	Capacity	6 points	
	Accuracy	+/- 2mm	
	Touch Output	USB x 3	
	Operating System	Windows XP/Vista/7/8, Mac OSX 10.6~10.9 Linux, Chrome OS	
Panel glass	Tempered glass	AG coating, 80	
	Thickness	4mm	
Input	Computer	VGA (D-Sub 15-pin)	
	Video	Composite Video (RCA jacks), S-Video, YPbPr (RCA jacks), HDMI	
	Audio	L/R (RCA jacks), Line-in (3.5 mm jack), Mic-in (3.5 mm Jack)	
	USB	Type A; Mini B	
	Control	RS-232C (D-Sub 9-pin),	
	TV Tuner	X	
Output	Computer	VGA (D-Sub 15-pin)	
	Video	Composite Video	
	Audio	Line-out (3.5 mm jack)	
	External speaker out (L/R)	O	
Audio	Audio W (Amp)	15W x 2	
	Internal speaker	O	

Power	Supply	100 - 240V AC, 50/60 Hz
	Consumption Max.	300W
	Consumption Standby	< 1W
Environment	Operating Temperature	0 - 40°C, 32 - 104°F
	Operating Humidity	10 - 90% (without condensation)
	Storage Temperature	-25 - 55°C, -13 - 131°F
	Storage Humidity	10 - 95% (without condensation)
	Display Orientation	Landscape/Portrait
Mechanical	Weight (kg)	72
	Dimensions (W x H x D) (mm)	1645.1 x 971.8 x 123.5mm
	Bezel Dimension - T/B/ L/R (mm)	50/50/50/50
Feature	DVI daisy chain	X
	RS232 control daisy chain	X
	Image setting	O
	Picture mode	O
	Sharpness enhancement	O
	Proof of image retention	X
	Dimming control	O
	Blank	O
	Freeze	O
	10-bit color processing	O
	Built-in video wall support	X
	Scheduling	O
	Source / volume control	O
	HDMI-HDCP	O
	De-Interlacing / comb Filter	O
	Ambient light sensor	O

Specifications and functions are subject to change without notice.

Dimensions

RP700+
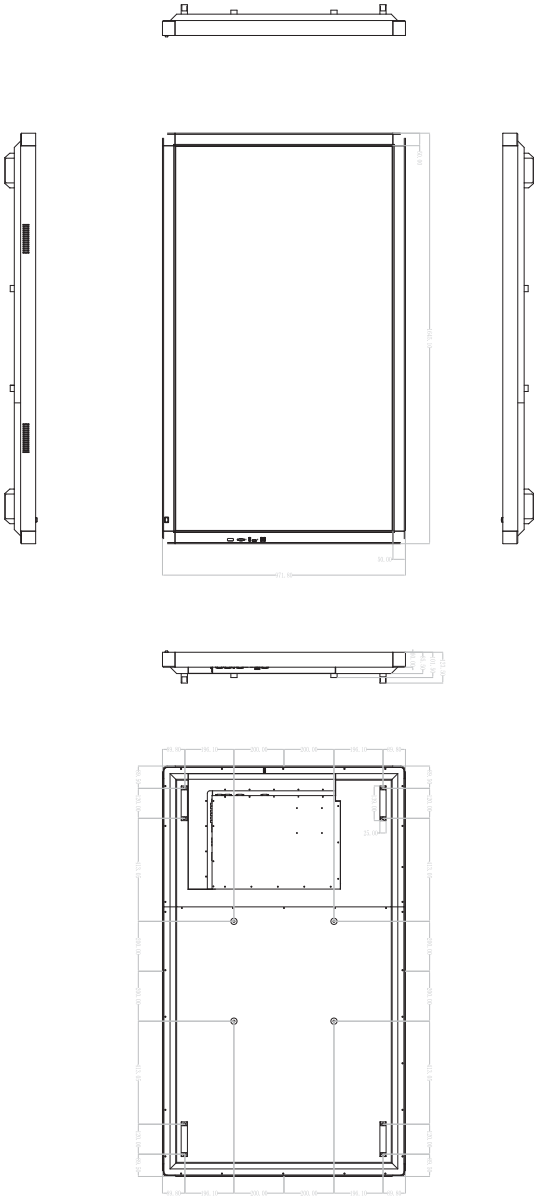
Unit: mm

Supported input signal resolution

Resolution	Input source				
	AV	S-Video	YPbPr	VGA	HDMI
640 x 480 @ 60Hz				◯	
640 x 480 @ 67Hz					
640 x 480 @ 72Hz				◯	
640 x 480 @ 75Hz				◯	
720 x 400 @ 70Hz				◯	
800 x 600 @ 60Hz				◯	
800 x 600 @ 75Hz				◯	
832 x 624 @ 75Hz				◯	
1024 x 768 @ 60Hz				◯	
1024 x 768 @ 75Hz				◯	
1152 x 870 @ 75Hz				◯	
1280 x 720 @ 60Hz				◯	
1280 x 768 @ 60Hz				◯	
1280 x 800 @ 60Hz RB					
1280 x 800 @ 60Hz				◯	
1280 x 960 @ 60Hz				◯	
1280 x 1024 @ 60Hz				◯	
1360 x 768 @ 60Hz				◯	
1366 x 768 @ 60Hz				◯	
1400 x 1050 @ 60Hz				◯	
1600 x 1200 @ 60Hz				◯	
1680 x 1050 @ 60Hz RB				◯	
1600 x 1050 @ 60Hz				◯	
1920 x 1080 @ 60Hz				◯	
NTSC-M	◯	◯			
NTSC-J	◯	◯			
PAL-BDGHI	◯	◯			
576i (50Hz)			◯		◯

480i (60Hz)			◯		◯
480p (60Hz)			◯		◯
576p (50Hz)			◯		◯
720p (25Hz)			◯		
720p (30Hz)			◯		
720p (50Hz)			◯		◯
720p (60Hz)			◯		◯
1080i (50Hz)			◯	◯	◯
1080i (60Hz)			◯	◯	◯
1080p (24Hz)			◯		
1080p (25Hz)			◯		
1080p (30Hz)			◯		
1080p (24Psf)					
1080p (25Psf)					
1080p (50Hz)			◯	◯	
1080p (60Hz)			◯	◯	

- ◯: supported
- Blank: not supported

Troubleshooting

Problem	Solution
No picture	Check the following: • Is the display turned on? Check the power indicator of the display. • Is the signal source device turned on? Turn on the device and try again. • Are there any loose cable connections? Make sure that all cables are connected firmly. • Have you chosen an unsupported output resolution on the computer? Refer to Supported input signal resolution on page 44 to select a supported resolution and try again. • Have you chosen an unsupported output resolution on the DVD or Blu-ray disc player? Refer to Supported input signal resolution on page 44 to select a supported resolution and try again.
No sound	Check the following: • Have you turned on the mute function on the display or the input source device? Turn off the mute function or increase the audio volume level and try again. • Are there any loose cable connections? Make sure that all cables are connected firmly.
The computer input image looks strange	• Have you chosen an unsupported output resolution on the computer? Refer to Supported input signal resolution on page 44 to select a supported resolution and try again. • Use the **Auto Adjust** function (See Picture menu on page 31) to let the display automatically optimize the display of computer image. • If the result of the **Auto Adjust** function is not satisfactory, use the **Phase**, **Horizontal Pos.** and **Vertical Pos.** functions to manually adjust the image.
The control panel buttons do not work	Have you locked the control panel buttons? Unlock the buttons and try again.

The remote control does not work	• Have you locked the remote control function? Unlock the function and try again. • Check for incorrect battery orientation. • Check for dead batteries. • Check your distance and angle from the display. • Check whether remote control is properly being pointed at the display's remote control sensor window. • Check for any obstacle between the remote control and the remote control sensor window. • Check that the remote control sensor window is not under strong fluorescent lighting, or in direct sunlight. • Check for any devices (computer or personal digital assistant, PDA) nearby that transmit infrared signals which may cause interference to signal transmission between the remote control and the display. Turn off the infrared function of these devices.