

**BROADCAST/SURVEILLANCE APPLICATIONS  
(27~42 inches)**

# 1. SAFETY INSTRUCTION

※ Follow this safety instruction to use the monitor properly and prevent the damages.

※ This safety instruction has “Warning” & “Caution” as below

-  Warning - If the user does not follow this instruction, it may cause the serious damage to the user.
-  Caution - If the user does not follow this instruction, it may cause the slight damage to the user or cause some damages to the monitor.

※ Keep this user's guide book for later use.

## Warning

Never remove the back over and touch the inside of the monitor.  
If you need a service, please contact the service center.



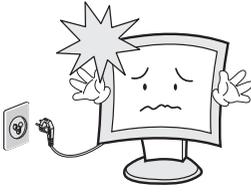
Keep away the monitor from the direct sunlight and a heating appliance.



Never push objects of any kind into this product as they may result in a risk of fire or electric shock.



Connect the power cord to the wall outlet tightly. If the power cord or plug are defective and the wall outlet is not tight, please do not use them.

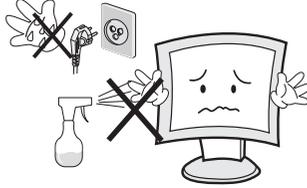


 **Warning**

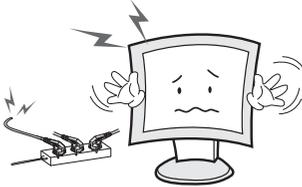
Do not install this monitor on the outside and near water. If may cause damage to the product, electric shock and fire.



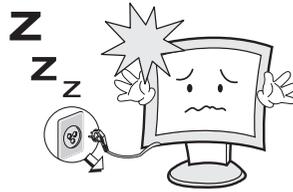
For cleaning do not use liquid cleaners. Never touch the power plug with wet-hands.



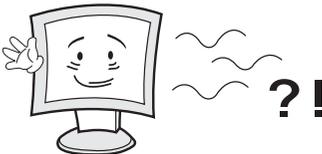
When lightning and thundering, unplug the monitor from the wall outlet and never touch it.



Unplug this product from the wall outlet, when It does not operate for a long time.



When smoking and noising from the monitor, unplug the product from the wall outlet and contact a service center.



 **WARNING** : How to fix

Do not open this product as it contains high voltage inside.

It may create an electric shock.

If the user disassembles and remove the back cover, it does not make sure to make up for the damages and do a service and exchange the monitor.

**!** Cautions

Install this monitor some distance  
From the wall and do not install unless  
Proper ventilation is provided.



Place this product on a stable place.  
If not, it may fall, causing serious  
Damages to the monitor and people.



The openings must not be blocked by  
curtain, rug or other similar surface.



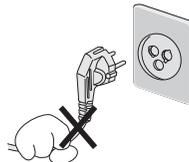
When carrying this monitor, be careful  
not to damage the panel and drop it  
It may cause some trouble.



Before carrying the monitor, turn it off and  
Unplug the signal cables and the power cord  
From the wall outlet.

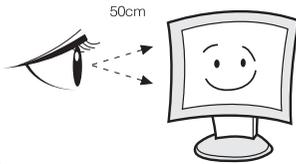


Take the power plug out from the wall  
outlet.  
Do not pull the cable. It may snap the inner-  
wires and cause overheating and fire.



**!** Cautions

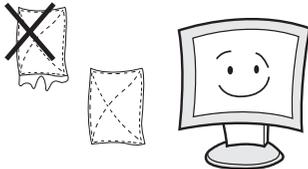
Install this monitor about 50cm far from the eyes and an angle of 0~15 degrees below eyes. Too close installation may cause having weak sight.



Do not press the LCD panel with hands or the sharpened material hardly.



For cleaning, unplug the monitor from the Wall outlet. Do not use the liquid cloth. Use the soft cloth.



Do not use the chemical liquid for cleaning. It may cause fading and breakage.



**WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR WATER.**

**Instructions for Disposal of Electrical and Electronic Equipment in Private Households**



**Disposal of used Electrical and Electronic Equipment (Applicable in the European Union and other European countries with garbage separate disposal and collection methods)**

This symbol on the product, or in the related documents in the package, indicates that this product shall not be treated as normal household waste. Instead, it should be taken to a proper applicable collection point or depot for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent possible negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources.

For more detailed information about recycling of this product, please contact your local city authority, your household waste disposal service or the place where you purchased the product.

## 2. FCC RF INTERFERENCE STATEMENT

### NOTE

*This equipment has been tested and found to comply with the limits for a Class A 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 equipment 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 equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

*Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.*

### DOC COMPLIANCE NOTICE

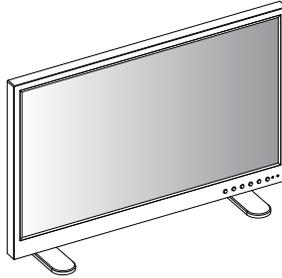
This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

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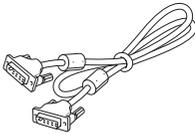
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### 3. INSTALLATION

#### 3-1 Parts



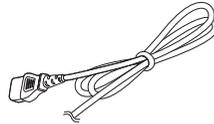
LCD Monitor



VGA Cable



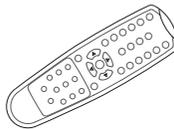
Trigger Cable



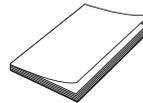
Power Cable



Battery



Remote Controller



User Manual

### 3-2 How to Install

#### KEY BUTTON



**MENU  
EXIT**

*Activate and exit the OSD menu*

**▽  
SOURCE**

*Move the OSD menu down and select input source*

**△  
AUTO**

*Move the OSD menu up and auto adjustment of VGA source*

**◀  
VOLUME**

*Decrease the volume or selected item, and return to the previous menu*

**▶  
SELECT**

*Increase the volume or selected item, and select items in the menu*

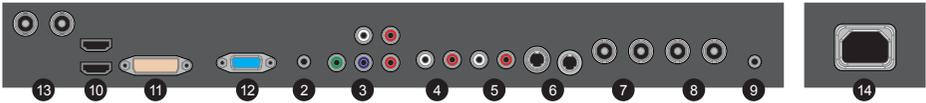
**⏻  
POWER**

*Turn the power ON and OFF. There will be a small delay before the display appears.*

*The power LED goes green when the power is turned ON.*

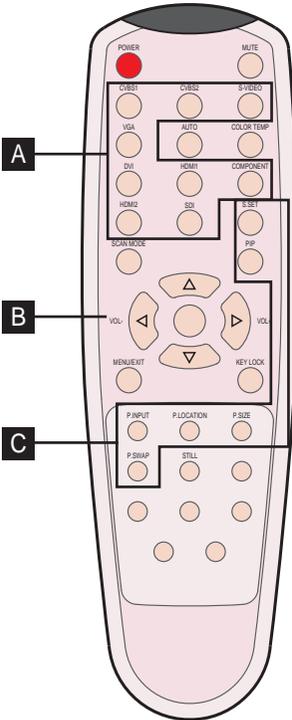
*The power is turned off by pressing the power switch again and the power LED goes Red*

## CONNECTION



- |   |   |
|---|---|
| <p><b>1</b> DC12V<br/><i>DC adapter input</i></p> <p><b>2</b> AUDIO (PC)<br/><i>Stereo audio input for VGA</i></p> <p><b>3</b> COMPONENT<br/><i>COMPONENT (Y/Pb/Pr) signal &amp; stereo audio input</i></p> <p><b>4</b> AUDIO (CVBS-2)<br/><i>Stereo audio input for CVBS-2</i></p> <p><b>5</b> AUDIO (CVBS-1 / S-VIDEO)<br/><i>Stereo audio input for CVBS-1 or S-VIDEO</i></p> <p><b>6</b> S-VIDEO IN / OUT<br/><i>S-VIDEO signal input / looping out</i></p> <p><b>7</b> CVBS-2 IN / OUT<br/><i>CVBS-2 signal input / looping out</i></p> <p><b>8</b> CVBS-1 IN / OUT<br/><i>CVBS-1 signal input / looping out</i></p> | <p><b>9</b> TRIGGER<br/><i>TRIGGER signal input</i></p> <p><b>10</b> HDMI<br/><i>HDMI signal 1 / 2 input</i></p> <p><b>11</b> DVI<br/><i>DVI signal input</i></p> <p><b>12</b> VGA<br/><i>VGA (PC RGB) signal input</i></p> <p><b>13</b> 3G-SDI IN / OUT<br/><i>3G-SDI signal input / looping out</i></p> <p><b>14</b> AC POWER<br/><i>AC100-240V input</i></p> |
|---|---|

**REMOTE CONTROLLER**



**A MODE SELECT MENU**

- CVBS1**  
*Select CVBS1 mode*
- CVBS2**  
*Select CVBS2 mode*
- S-VIDEO**  
*Select S-VIDEO mode*
- VGA (RGB)**  
*Select VGA mode*
- DVI**  
*Select DVI mode*
- HDMI1**  
*Select HDMI1 mode*
- COMPONENT**  
*Select COMPONENT mode*
- HDMI2**  
*Select HDMI2 mode*
- SDI**  
*Select 3G-SDI mode*

**B OSD CONTROL MENU**

- POWER**  
*Turn ON / OFF the monitor*
- MUTE**  
*Turn ON / OFF the sound*
- AUTO**  
*Auto adjust position of the screen (in VGA mode)*
- COLOR TEMPERATURE**  
*Select color temperature of the screen*
- SCAN MODE**  
*Select the scan mode of the screen*
- VOL- / VOL+**  
*Increase / Decrease the volume level*
- MENU / EXIT**  
*Activate and exit the OSD menu*
- KEY LOCK**  
*Locking the button (Prevent operation)*
- STILL**  
*Freeze the current image*

**C PIP CONTROL MENU**

- S. SET**  
*Select between main and PIP audio input*
- P. INPUT**  
*Select an input source for PIP mode*
- P. LOCATION**  
*Select a location for PIP mode*
- P. SIZE**  
*Select a size for PIP mode*
- P. SWAP**  
*Swap between main and PIP input*
- PIP**  
*Activates PIP/PBP mode*

## 4. OSD MENU SETTING

### 4-1 Mode Setting



1. Use SOURCE button and then ▲/▼ button to move the source.
2. Press the ▶ button to select the source.
3. Press the MENU/EXIT button to exit the INPUT menu.

*Inputs can be set to CVBS1, CVBS2, S-VIDEO, RGB PC, DVI, HDMI1, HDMI2, 3G-SDI & COMPONENT mode*

#### CVBS1

*Select CVBS1 mode*

#### S-VIDEO

*Select S-VIDEO mode*

#### DVI

*Select DVI mode*

#### HDMI2

*Select HDMI2 mode*

#### COMPONENT

*Select COMPONENT mode*

#### CVBS2

*Select CVBS2 mode*

#### RGB PC

*Select VGA mode*

#### HDMI1

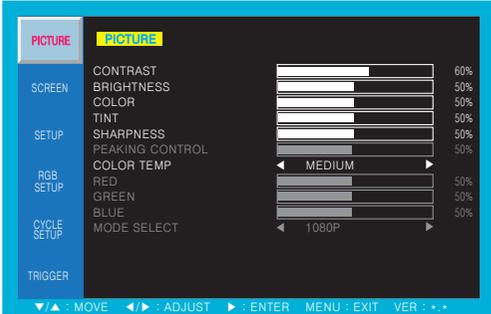
*Select HDMI1 mode*

#### 3G-SDI

*Select 3G-SDI mode*

4-2 Menu Setting (CVBS, S-VIDEO, COMPONENT Mode)

PICTURE

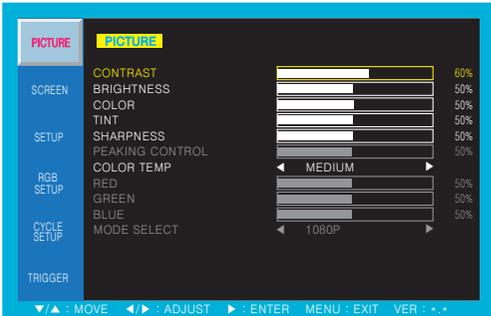


1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

CONTRAST : Adjust visual color contrast  
 COLOR : Adjust visual color of screen  
 SHARPNESS : Adjust sharpness of screen

BRIGHTNESS : Adjust color brightness  
 TINT : Adjust tint of color  
 COLOR TEMP : Switch color temperature of screen

CONTRAST



Default setting is 60% and adjustable from range of 0 to 100%

BRIGHTNESS



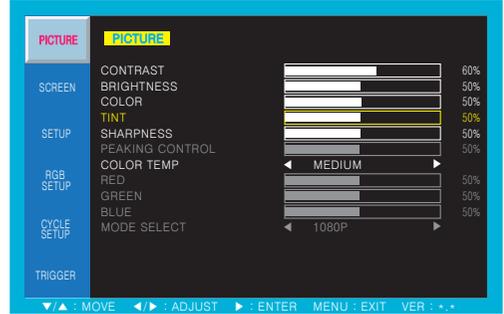
Default setting is 50% and adjustable from range of 0 to 100%

COLOR



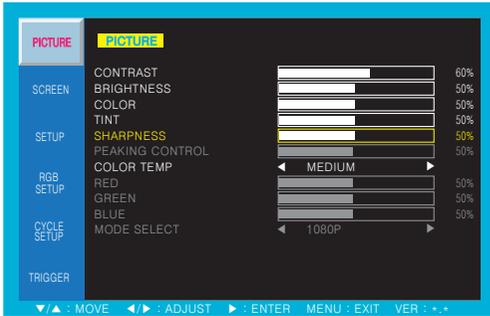
Default setting is 50% and adjustable from range of 0 to 100%

TINT



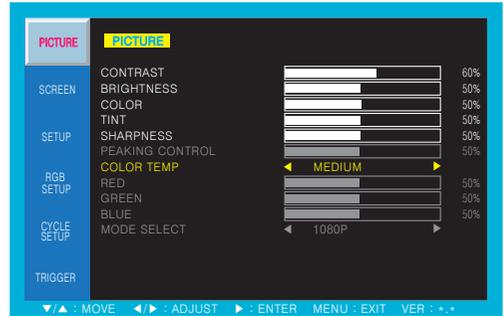
Default setting is 50% and adjustable from range of 0 to 100%

SHARPNESS



Default setting is 50% and adjustable from range of 0 to 100%

COLOR TEMP



Default setting is MEDIUM and switch to WARM, USER and COOL color temperature options

USER - Default setting of RED, GREEN, BLUE is 50% and adjustable from range of 0 to 100%

**SCREEN**



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

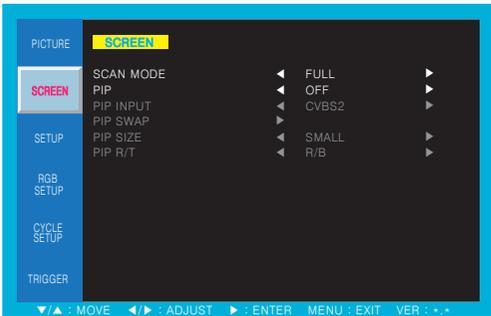
SCAN MODE : Select the scan mode of the screen

PIP : Activates PIP/PBP mode (This feature is used only in FULL, REAL and OVER scan mode)

PIP, PBP - COMBINATION OF SIGNAL INPUT

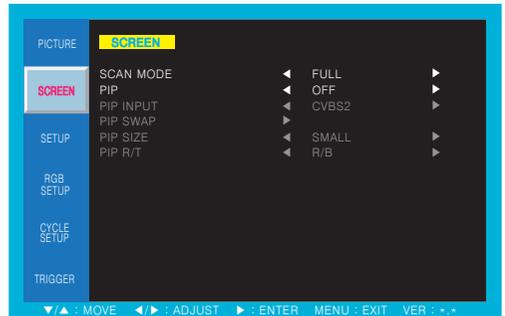
MAIN	SUB	CVBS-1	CVBS-2	S-VIDEO	COMPONENT	VGA	DVI	HDMI / 3G-SDI
CVBS-1		X	○	○	X	X	X	X
CVBS-2		○	X	○	X	X	X	X
S-VIDEO		○	○	X	X	X	X	X
COMPONENT		○	○	○	X	X	X	X
VGA		○	○	○	X	X	X	X
DVI		○	○	○	X	X	X	X
HDMI / 3G-SDI		○	○	○	X	X	X	X

**SCAN MODE**



Default setting is FULL and switch to UNDER, OVER and 4:3 scan mode options

**PIP**



Default setting is OFF and switch to ON, DW1 and DW2 PIP/PBP mode options

ON - PIP INPUT : Select an input source for PIP mode (CVBS1, CVBS2, S-VIDEO)

PIP SWAP : Swap between main and PIP input

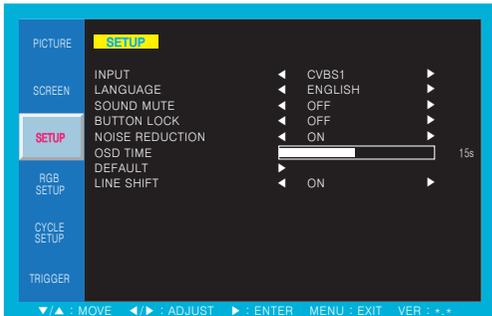
PIP SIZE : Select a size for PIP mode

(SMALL, NORMAL, LARGE)

PIP R/T : Select a location for PIP mode

(R/B, L/B, R/T, L/T)

## SETUP

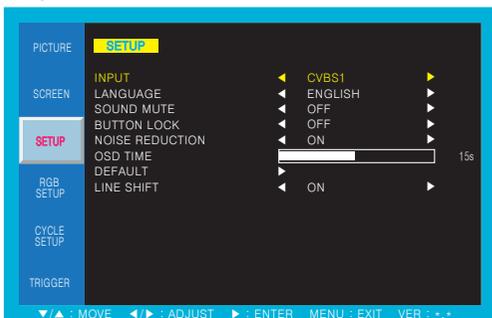


**INPUT** : Select an input source for main screen  
**SOUND MUTE** : Turn on/off the sound  
**NOISE REDUCTION** : Set a noise reduction mode  
**DEFAULT** : Factory default setting

1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

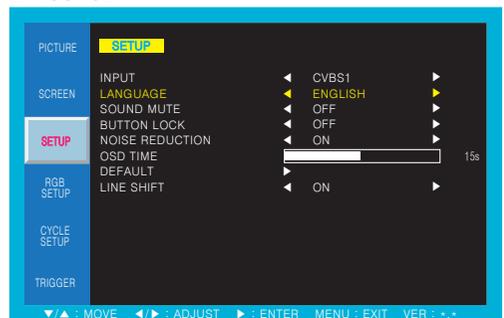
**LANGUAGE** : Set to different language mode  
**BUTTON LOCK** : Locking the button (Prevent operation)  
**OSD TIME** : Set a time duration of OSD menu  
**LINE SHIFT** : Move a little to protect the screen

### INPUT



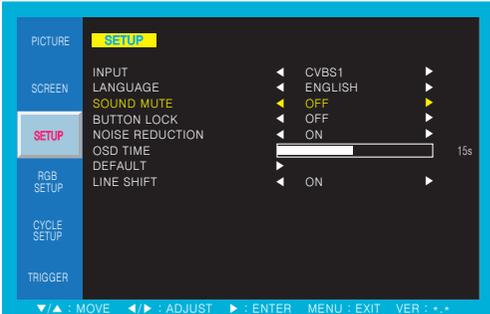
*Inputs can be set to CVBS1, CVBS2, S-VIDEO, RGB PC, DVI, HDMI1, HDMI2, 3G-SDI and COMPONENT mode*

### LANGUAGE



*Default setting is ENGLISH and language setting can be set to ITALIAN, FRENCH, SPANISH and GERMAN*

SOUND MUTE



Default setting is OFF and switch to ON sound mute option

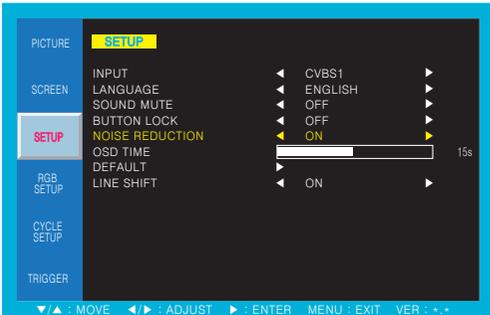
BUTTON LOCK



Default setting is OFF and switch to ON button lock option

Release the lock - Press KEY LOCK button on the remote control  
- Press  $\Delta$  &  $\downarrow$  button on the key pad

NOISE REDUCTION



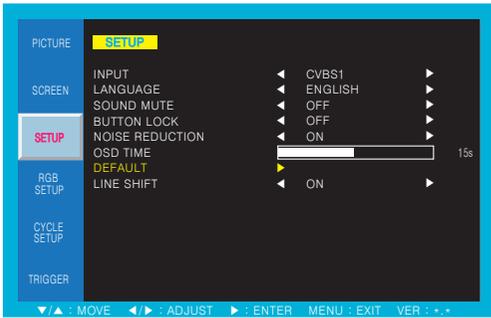
Default setting is ON and switch to OFF noise reduction option

OSD TIME



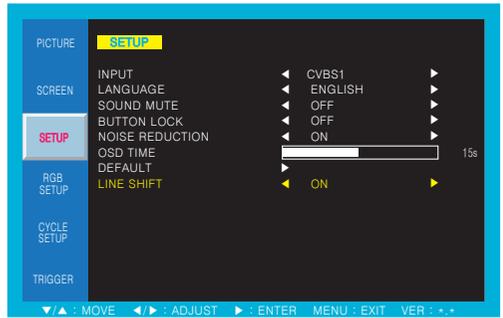
Default setting is 15s and adjustable from range of 5 to 30s

DEFAULT



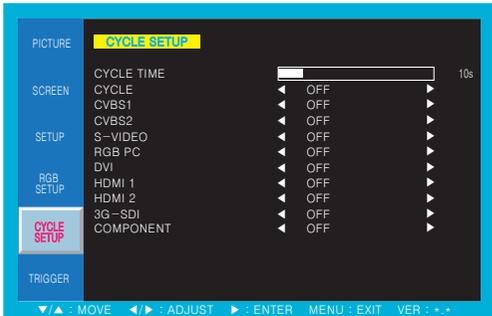
*DEFAULT is set OSD menu to factory default*

LINE SHIFT



*Default setting is ON and switch to OFF line shift option*

## CYCLE SETUP

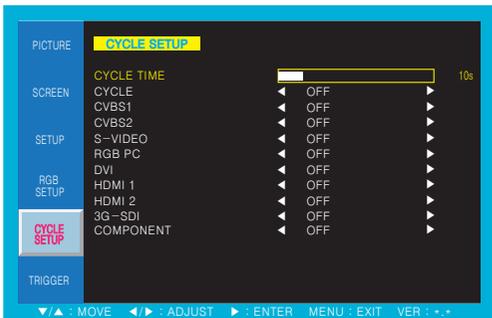


1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

CYCLE TIME : Adjust cycle time to displayed on the screen

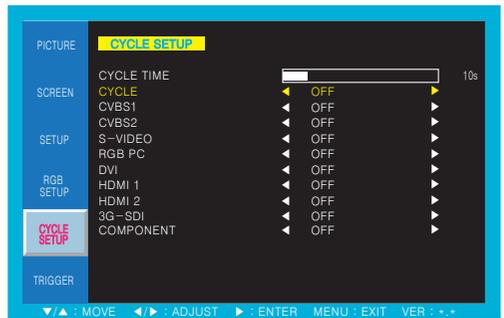
CYCLE : Selected mode keep change continuously

### CYCLE TIME



Default setting is 10s and adjustable from range of 10 to 30s

### CYCLE



Default setting is OFF and switch to ON cycle option

## TRIGGER



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

TRIGGER MODE : Set the trigger mode  
 TRIGGER DWELL : Set the display time of trigger mode

TRIGGER INPUT : Select the input source of trigger mode

### TRIGGER MODE



Default setting is OFF and switch to ON trigger mode

### TRIGGER INPUT



Inputs can be set to CVBS1, CVBS2 and S-VIDEO mode

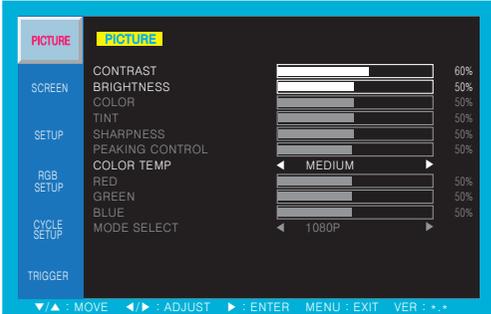
### TRIGGER DWELL



Default setting is 10s and adjustable from range of 10 to 60s

### 4-3 Menu Setting (VGA Mode)

#### PICTURE



1. Press the MENU/EXIT key to access menu.
2. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to highlight a selection.
3. Press the  $\blacktriangleright$ /SELECT to choose an item.
4. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to highlight a selection.
5. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to adjust the setting on a selected item.

CONTRAST : Adjust visual color contrast  
 COLOR TEMP : Switch color temperature of screen

BRIGHTNESS : Adjust color brightness

#### CONTRAST



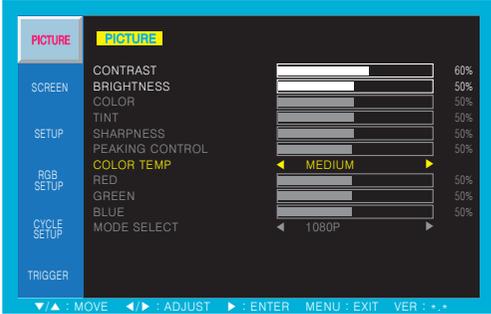
Default setting is 60% and adjustable from range of 0 to 100%

#### BRIGHTNESS



Default setting is 50% and adjustable from range of 0 to 100%

COLOR TEMP



Default setting is MEDIUM and switch to WARM, USER and COOL color temperature options

USER - Default setting of RED, GREEN, BLUE is 50% and adjustable from range of 0 to 100%

SCREEN



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

PIP : Activates PIP/PBP mode

PIP



Default setting is OFF and switch to ON, DW1 and DW2  
PIP/PBP mode options

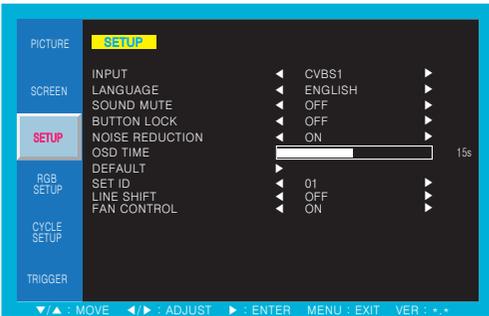
ON - PIP INPUT : Select an input source for PIP mode  
(CVBS1, CVBS2, S-VIDEO)

PIP SWAP : Swap between main and PIP input

PIP SIZE : Select a size for PIP mode  
(SMALL, NORMAL, LARGE)

PIP R/T : Select a location for PIP mode  
(R/B, L/B)

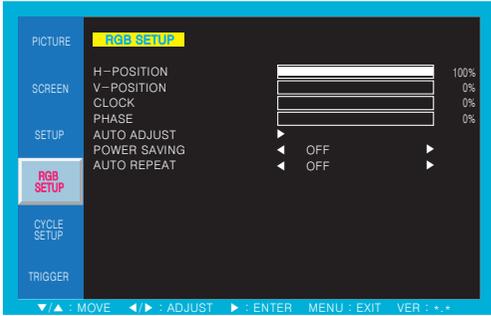
## SETUP



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

This function of each menu is listed page 16  
Please refer to page 16 for SETUP menu

## RGB SETUP

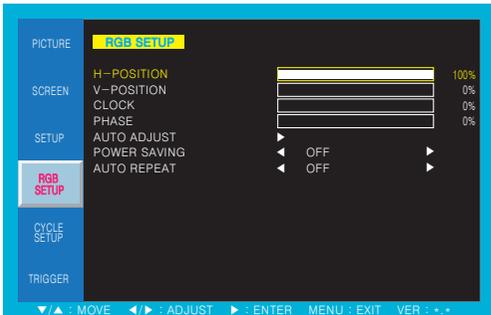


1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

H-POSITION : Adjust horizontal position of monitor  
 CLOCK : Adjust clock of monitor  
 AUTO ADJUST : Auto adjust position of screen  
 AUTO REPEAT : Adjust auto repeat of monitor

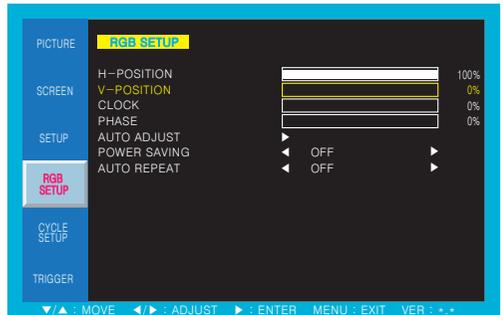
V-POSITION : Adjust vertical position of monitor  
 PHASE : Adjust phase of monitor  
 POWER SAVING : Power saving mode

### H-POSITION



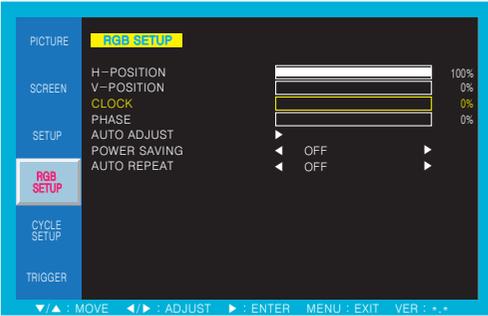
Can be set between 0 to 100% horizontal position of monitor by manually

### V-POSITION



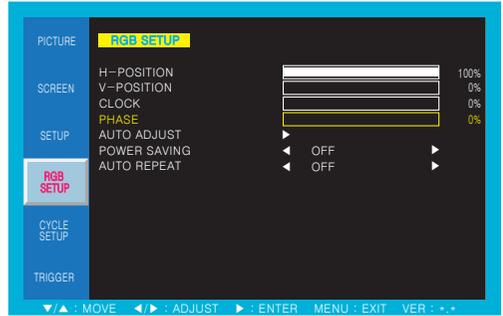
Can be set between 0 to 100% vertical position of monitor by manually

CLOCK



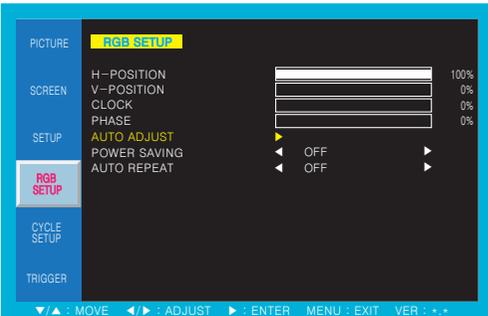
Can be set between 0 to 100% clock of monitor by manually

PHASE



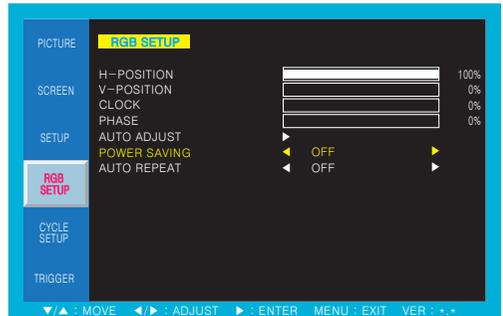
Can be set between 0 to 100% phase of monitor by manually

AUTO ADJUST



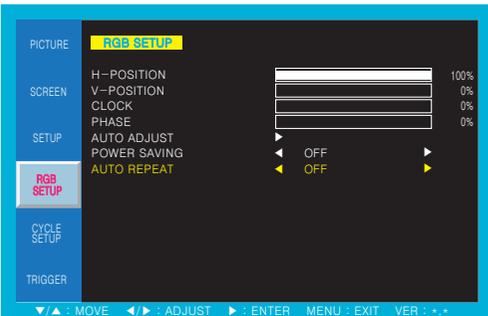
Auto adjust position and image of screen

POWER SAVING



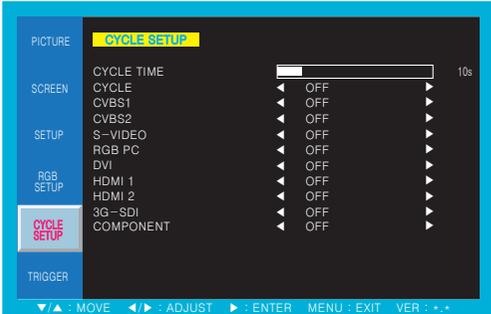
Default setting is OFF and switch to ON power saving mode

AUTO REPEAT



Default setting is OFF and switch to ON auto repeat mode

## CYCLE SETUP



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

*This function of each menu is listed page 19  
Please refer to page 19 for CYCLE SETUP menu*

## TRIGGER



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

*This function of each menu is listed page 20  
Please refer to page 20 for TRIGGER menu*

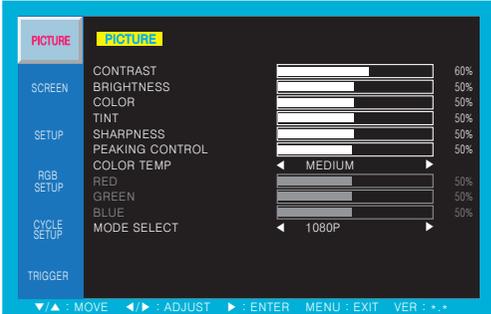
VGA / DVI / HDMI / SDI Mode Tables

	MODE	RESOLUTION	VERTICAL FREQUENCY (Hz)
VGA / DVI MODE	VGA	720X400	70
		640X480	60 / 72 / 75
	SVGA	800X600	50 / 60 / 72 / 75
	XGA	1024X768	50 / 60 / 75
	WXGA	1366X768	60
	LXGA	1600X1200	60
	HD	1920X1080	60
HDMI MODE	EDTV 480i	720X480	30
	EDTV 576i	720X576	25
	SDTV 480p	720X480	60
	SDTV 576p	720X576	60
	HDTV 720p	1280X720	50 / 60
	HDTV 1080i	1920X1080	25 / 30
	HDTV 1080p	1920X1080	50 / 60
SDI MODE	SD	480i	59.94
		576i	50
	HD	720p	23.98 / 24 / 25 / 29.97 / 30 / 50 / 59.94 / 60
		1080i	50 / 59.94 / 60
		1080p	23.98 / 24 / 25 / 29.97 / 30
		1080psf	23.98 / 24 / 25 / 29.97 / 30
3G	1080p	50 / 59.94 / 60	

Note : Not all resolutions generated by your video source are available on the monitor.

### 4-4 Menu Setting (DVI, HDMI, 3G-SDI Mode)

#### PICTURE



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the ►/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

**CONTRAST** : Adjust visual color contrast  
**COLOR** : Adjust visual color of screen  
**SHARPNESS** : Adjust sharpness of screen

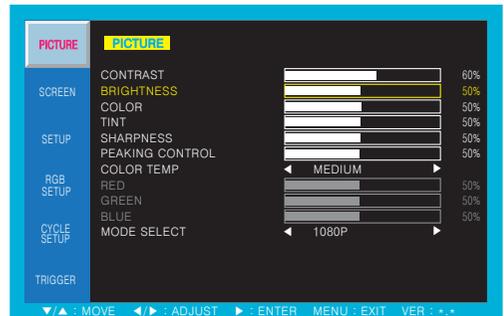
**BRIGHTNESS** : Adjust color brightness  
**TINT** : Adjust tint of color  
**COLOR TEMP** : Switch color temperature of screen

#### CONTRAST



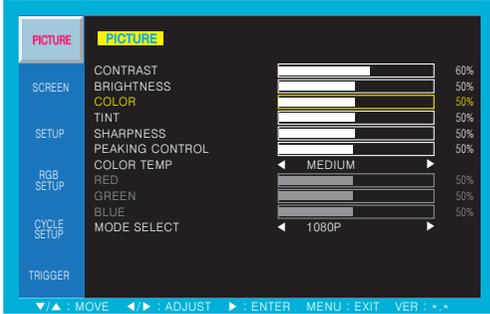
Default setting is 60% and adjustable from range of 0 to 100%

#### BRIGHTNESS



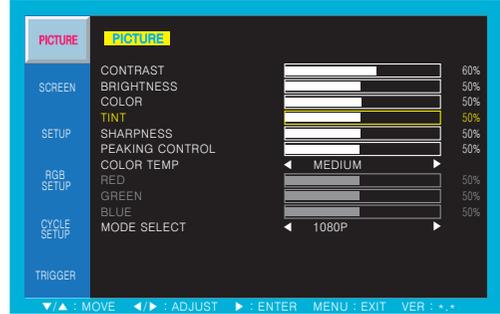
Default setting is 50% and adjustable from range of 0 to 100%

COLOR



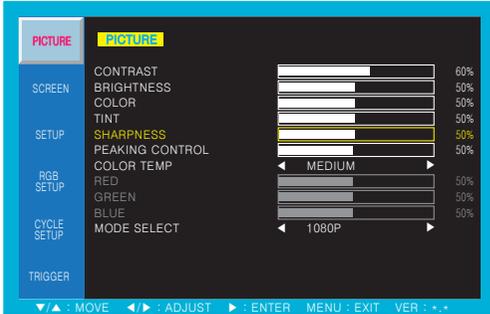
Default setting is 50% and adjustable from range of 0 to 100%

TINT



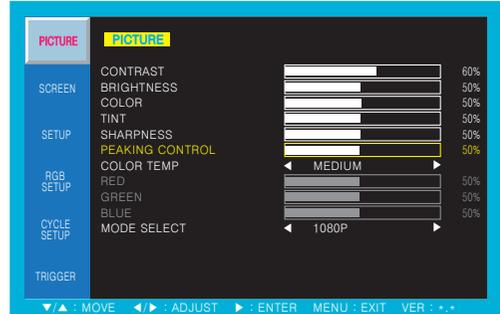
Default setting is 50% and adjustable from range of 0 to 100%

SHARPNESS



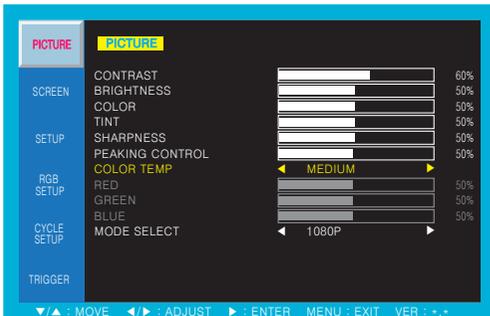
Default setting is 50% and adjustable from range of 0 to 100%

PEAKING CONTROL



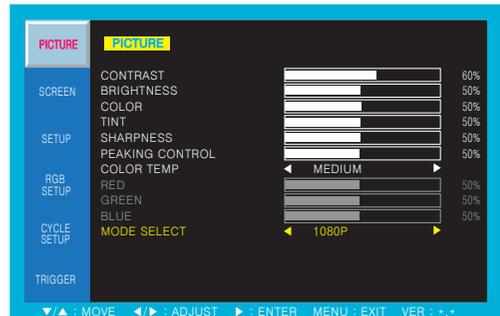
Default setting is 50% and adjustable from range of 0 to 100%

COLOR TEMP



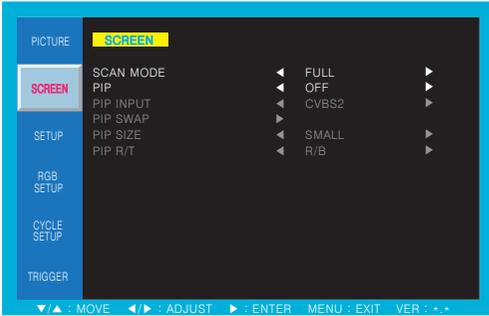
Default setting is MEDIUM and switch to WARM, USER and COOL color temperature options  
USER - Default setting of RED, GREEN, BLUE is 50% and adjustable from range of 0 to 100%

MODE SELECT



Default setting is 1080p and switch to 1920X1080 mode  
1080P - Bluray, DVD player and AV video equipment (2% Over Scan)  
1920X1080 - It is the fit image on PC In (Just/Real Scan)

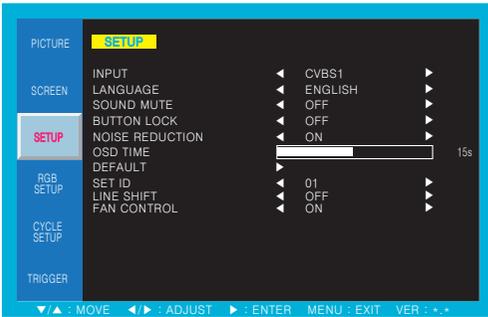
## SCREEN



1. Press the MENU/EXIT key to access menu.
2. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to highlight a selection.
3. Press the  $\blacktriangleright$ /SELECT to choose an item.
4. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to highlight a selection.
5. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to adjust the setting on a selected item.

This function of each menu is listed page 15  
Please refer to page 15 for SCREEN menu

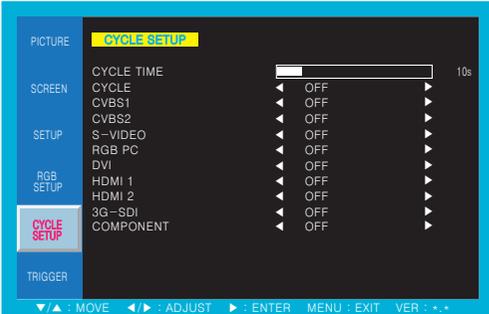
## SETUP



1. Press the MENU/EXIT key to access menu.
2. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to highlight a selection.
3. Press the  $\blacktriangleright$ /SELECT to choose an item.
4. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to highlight a selection.
5. Use the  $\blacktriangle$  &  $\blacktriangledown$  arrow to adjust the setting on a selected item.

This function of each menu is listed page 16  
Please refer to page 16 for SETUP menu

## CYCLE SETUP



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

*This function of each menu is listed page 19  
Please refer to page 19 for CYCLE SETUP menu*

## TRIGGER



1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

*This function of each menu is listed page 20  
Please refer to page 20 for TRIGGER menu*

## 5. FEATURE

General Features		27HSD13G	32HSD13G	42HSD13G
Display	Screen Size	27.0 inches	31.55 inches	41.92/42.02 inches
	Resolution	1920*1080 pixels	1920*1080 pixels	1920*1080 pixels
	Pixel Pitch	0.311*0.311 mm	0.364*0.364 mm	0.483*0.483/0.485*0.485 mm
	Brightness	250 cd/m <sup>2</sup>	360 cd/m <sup>2</sup>	350/360 cd/m <sup>2</sup>
	Contrast Ratio	1000:1	1400:1	1400:1
	Aspect Ratio	16:9	16:9	16:9
	Viewing Angle (H/V)	178/178 degrees	178/178 degrees	178/178 degrees
	Display Color	16.7 million	16.7 million	16.7 million
	Response Time	8 ms	8 ms	8 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
	Panel Life Time (hours)	30,000 hours	50,000 hours	50,000 hours
Interface	Video In/Out (BNC Type)	2/2	2/2	2/2
	S-Video In/Out	1/1	1/1	1/1
	VGA In (15Pin D-Sub)	1	1	1
	Component In	1	1	1
	DVI In/HDMI In	1/2	1/2	1/2
	3G-SDI In/Out (BNC Type)	1/1	1/1	1/1
	Audio In (RCA Type)	3	3	3
PC Stereo In	1	1	1	
Audio	Built in Speakers	Y (1W*2)	Y (7.5W*2)	Y (7.5W*2)
Transmitter	Remote Control	Y	Y	Y
Special Features	Multi Display Function	PIP/PBP	PIP/PBP	PIP/PBP
	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter
	Deinterlacing	Y	Y	Y
	Trigger Source Switching	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)
	Noise reduction	Y	Y	Y
	Auto source sequencing	Y	Y	Y
Multi Lingual Language	Eng, Spa, Fre, Ger, Ita	Eng, Spa, Fre, Ger, Ita	Eng, Spa, Fre, Ger, Ita	
Dimension	Outline Dimension (w Stand)	24.92*16.75*6.30 inches	28.82*19.14*6.30 inches	37.95*24.57*9.45 inches
Cabinet	Cabinet color/Base Stand	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Electrical Ratings	AC 100~240 V (50/60Hz)	AC 100~240 V (50/60Hz)	AC 100~240 V (50/60Hz)
Circumstance	Operating Temperature	0~50 celsius	0~50 celsius	0~50 celsius
	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	100*100/200*100 mm	200*200 mm	400*300 mm
	Ceiling Mount	CMK-01	CMK-01 with FMA-01	CMH-01
	Wall	WB-31, 2642	WB-2642	WB-2642
	Rack Mount	N/A	N/A	N/A

## 6. TROUBLESHOOTING

\* When the following troubles are occurred, follow the trouble shooting. Before contacting a service center.

Troubleshooting	Troubleshooting Tip
The screen doesn't show up	1. Make sure if the power supply is connected property
	2. Turn on the power.
	3. Select the input signal right for the connected port.
The screen is too light or to dark	Control the BRIGHTNESS
The screen size is not fit for the PC signal	Press the AUTO key among keys in the front. (It is used only in the PC signal)
The screen color shows strange in the PC signal	In the FUNCTION menu of OSD menu, perform the AUTOADJUST.





