PREMIUM WIDE ASPECT RATIO LED SERIES
(18~23 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.
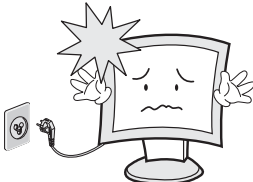

Keep away the monitor from the direct sunlight and a heating appliance.

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

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

⊗ Warning
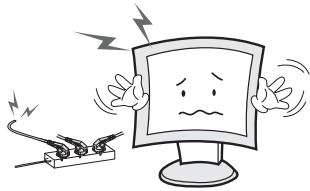
Do not install this monitor on the outside and near water. If may cause damage to the product, electric shock and fire.
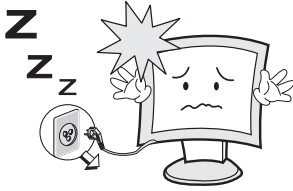
For cleaning do not use liquid cleaners. Never touch the power plug with wet-hands.
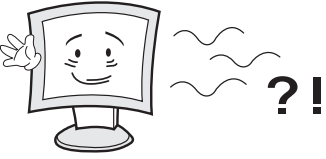
When lightning and thundering, unplug the monitor from the wall outlet and never touch it.

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.

It 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.

over 10cm

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, tum it off and
Unplug the signal cables and the power code
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.
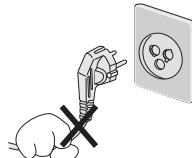
⚠ Cautions

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.

50cm
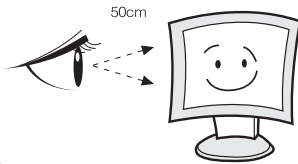
Do not press the LCD panel with hands or the sharpened material hardly.

For cleaning, unplug the monitor from the Wall outlet. Do net use the liquid cloth. Use the soft cloth.
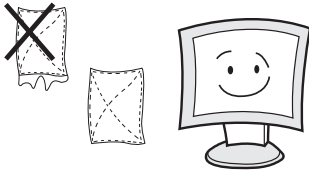
Do not use the chemical liquid for cleaning. It may cause fading and breakage.

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.

TABLE OF CONTENTS

3. INSTALLATION

3-1 Parts

LCD Monitor

Adapter

* Adapter is attached to the back of product
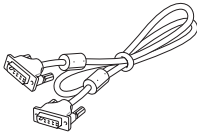
VGA Cable

Trigger Cable
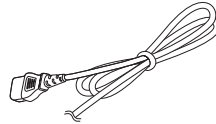
Power Cable

Battery
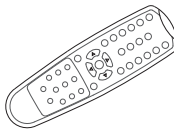
Remote Controller
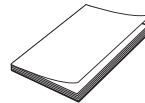
User Manual

3-2 How to Install

KEY BUTTON
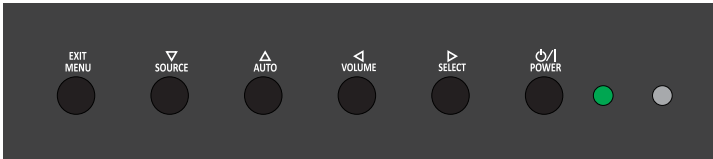
SHORT KEY FUNCTION

OSD Key	Function
EXIT MENU	Activates and exit the OSD
▽ SOURCE	Select input source, and select the OSD menu
△ AUTO	Move the OSD menu and auto adjustment of RGB source
◁ VOLUME	Decrease the level of volume and move the previous menu
▷ SELECT	Increase the level of volume and select rhe OSD menu
⏻/∣ POWER	Turns the power ON or OFF. There will be a few seconds delay before the display appears. The power LED (next to the power switch) lights with 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

1 DC12V
DC adapter input

2 AUDIO (PC)
Stereo audio input for VGA

3 COMPONENT
COMPONENT (Y/Pb/Pr) signal & stereo audio input

4 AUDIO (VIDEO-2)
Stereo audio input for VIDEO-2

5 AUDIO (VIDEO-1 / S-VIDEO)
Stereo audio input for VIDEO-1 or S-VIDEO
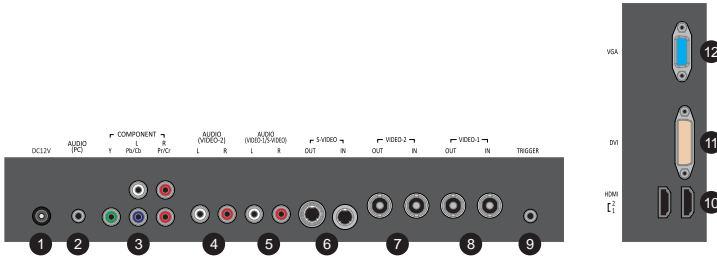
6 S-VIDEO IN / OUT
S-VIDEO signal input / looping out

7 VIDEO-2 IN / OUT
VIDEO-2 signal input / looping out

8 VIDEO-1 IN / OUT
VIDEO-1 signal input / looping out

9 TRIGGER
TRIGGER signal input

10 HDMI
HDMI signal 1 / 2 input

11 DVI
DVI signal input

12 VGA
VGA (PC RGB) signal input

REMOTE CONTROLLER
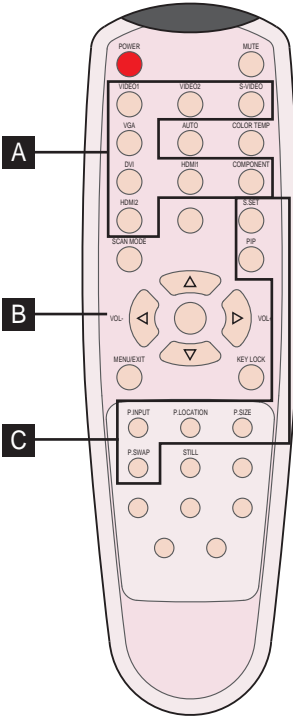
A MODE SELECT MENU

VIDEO1
Select VIDEO1 mode

VIDEO2
Select VIDEO2 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

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

PIP
Activates PIP/PBP mode

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

4. OSD MENU SETTING

5-1 Mode Setting

INPUT
VIDEO1
VIDEO2
S−VIDEO
√RGB PC
DVI
HDMI 1
HDMI 2
COMPONENT
▼/▲:MOVE ▶:ENTER

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 VIDEO1, VIDEO2, S-VIDEO, RGB PC, DVI, HDMI1, HDMI2 & COMPONENT mode

VIDEO1
Select VIDEO1 mode

VIDEO2
Select VIDEO2 mode

S-VIDEO
Select S-VIDEO mode

RGB PC
Select VGA mode

DVI
Select DVI mode

HDMI1
Select HDMI1 mode

HDMI2
Select HDMI2 mode

COMPONENT
Select COMPONENT mode

5-2 Menu Setting (VIDEO, S-VIDEO, COMPONENT Mode)

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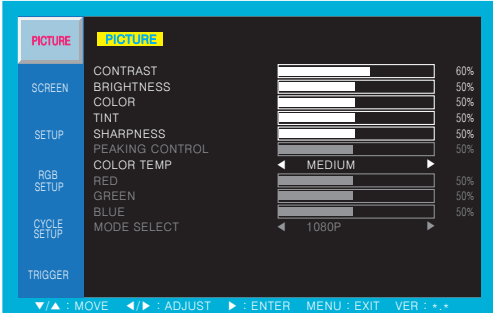
1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

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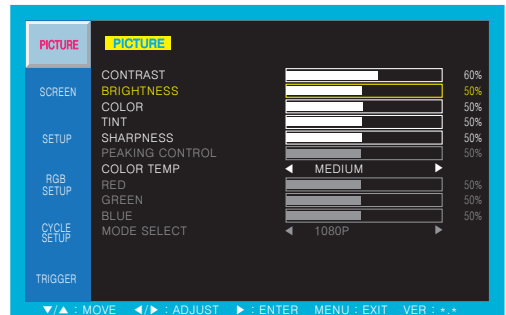
Default setting is 50% and adjustable from range of 0 to 100%
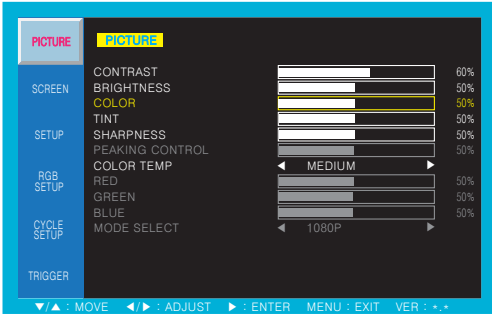
COLOR

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

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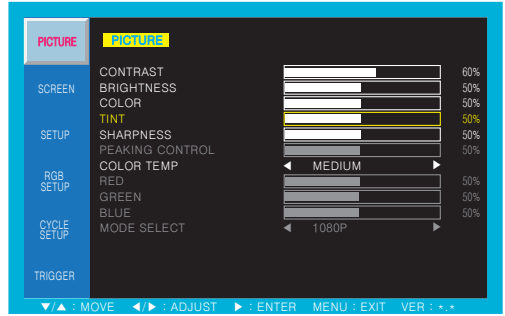
Default setting is 50% and adjustable from range of 0 to 100%

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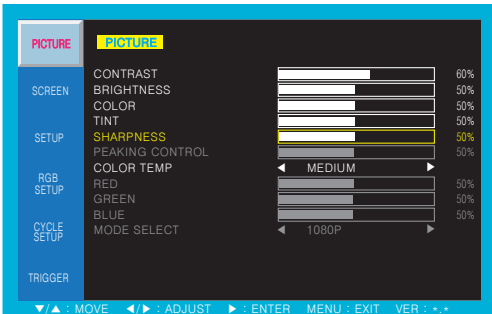
Default setting is 50% and adjustable from range of 0 to 100%
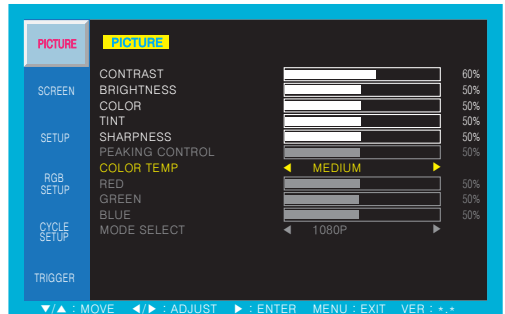
COLOR TEMP

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

SCREEN			
PICTURE	**SCREEN**		
SCREEN	SCAN MODE	◄ FULL	►
	PIP	◄ OFF	►
	PIP INPUT	◄ VIDEO2	►
	PIP SWAP	►	
SETUP	PIP SIZE	◄ SMALL	►
	PIP R/T	◄ R/B	►
RGB SETUP			
CYCLE SETUP			
TRIGGER			

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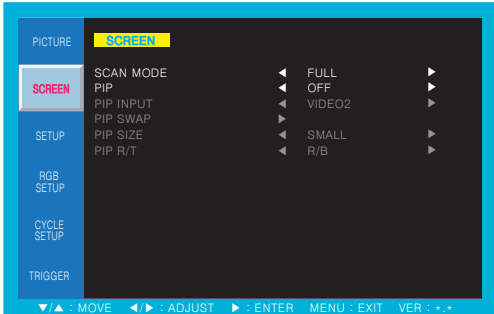
1. Press the MENU/EXIT key to access menu.
2. Use the ▲ &▼arrow to highlight a selection.
3. Press the►/SELECT to choose an item.
4. Use the ▲ &▼arrow to highlight a selection.
5. Use the ▲ &▼arrow to adjust the setting on a selected item.

SCAN MODE : Select the scan mode of the screen

PIP : Activates PIP/PBP mode

PIP, PBP - COMBINATION OF SIGNAL INPUT

MAIN \ SUB	VIDEO-1	VIDEO-2	S-VIDEO	COMPONENT	VGA	DVI	HDMI
VIDEO-1	X	O	O	X	X	X	X
VIDEO-2	O	X	O	X	X	X	X
S-VIDEO	O	O	X	X	X	X	X
COMPONENT	O	O	O	X	X	X	X
VGA	O	O	O	X	X	X	X
DVI	O	O	O	X	X	X	X
HDMI	O	O	O	X	X	X	X

SCAN MODE

SCREEN			
PICTURE	**SCREEN**		
SCREEN	SCAN MODE	◄ FULL	►
	PIP	◄ OFF	►
	PIP INPUT	◄ VIDEO2	►
	PIP SWAP	►	
SETUP	PIP SIZE	◄ SMALL	►
	PIP R/T	◄ R/B	►
RGB SETUP			
CYCLE SETUP			
TRIGGER			

▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*

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

PIP
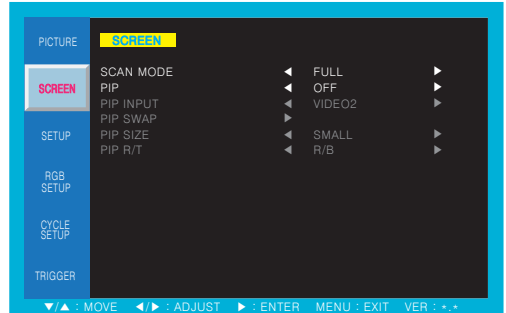
SCREEN			
PICTURE	**SCREEN**		
SCREEN	SCAN MODE	◄ FULL	►
	PIP	◄ OFF	►
	PIP INPUT	◄ VIDEO2	►
	PIP SWAP	►	
SETUP	PIP SIZE	◄ SMALL	►
	PIP R/T	◄ R/B	►
RGB SETUP			
CYCLE SETUP			
TRIGGER			

▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*

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
(VIDEO1, VIDEO2, 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.
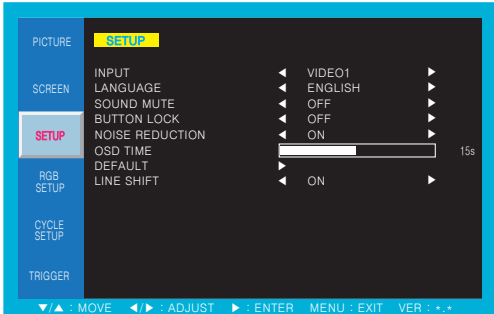
INPUT : Select an input source for main screen
SOUND MUTE : Turn on/off the sound
NOISE REDUCTION : Set a noise reduction mode
DEFAULT : Factory default setting

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 VIDEO1, VIDEO2, S-VIDEO, RGB PC, DVI, HDMI1, HDMI2 and COMPONENT mode

LANGUAGE

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

SOUND MUTE

```
PICTURE      SETUP
SCREEN       INPUT              ◄  VIDEO1    ►
             LANGUAGE           ◄  ENGLISH   ►
             SOUND MUTE         ◄  OFF       ►
             BUTTON LOCK        ◄  OFF       ►
SETUP        NOISE REDUCTION    ◄  ON        ►
             OSD TIME                             15s
RGB          DEFAULT            ►
SETUP        LINE SHIFT         ◄  ON        ►
CYCLE
SETUP

TRIGGER

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*
```
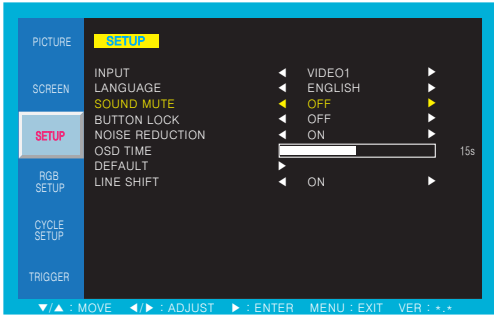
Default setting is OFF and switch to ON sound mute option

BUTTON LOCK

```
PICTURE      SETUP
SCREEN       INPUT              ◄  VIDEO1    ►
             LANGUAGE           ◄  ENGLISH   ►
             SOUND MUTE         ◄  OFF       ►
             BUTTON LOCK        ◄  OFF       ►
SETUP        NOISE REDUCTION    ◄  ON        ►
             OSD TIME                             15s
RGB          DEFAULT            ►
SETUP        LINE SHIFT         ◄  ON        ►
CYCLE
SETUP

TRIGGER

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*
```
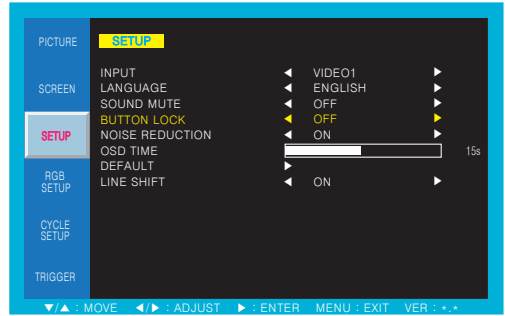
Default setting is OFF and switch to ON button lock option

Release the lock - Press KEY LOCK button on the remote control
- Press △AUTO & ◄VOLUME button on the key pad

NOISE REDUCTION

```
PICTURE      SETUP
SCREEN       INPUT              ◄  VIDEO1    ►
             LANGUAGE           ◄  ENGLISH   ►
             SOUND MUTE         ◄  OFF       ►
             BUTTON LOCK        ◄  OFF       ►
SETUP        NOISE REDUCTION    ◄  ON        ►
             OSD TIME                             15s
RGB          DEFAULT            ►
SETUP        LINE SHIFT         ◄  ON        ►
CYCLE
SETUP

TRIGGER

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*
```

Default setting is ON and switch to OFF noise reduction option

OSD TIME

```
PICTURE      SETUP
SCREEN       INPUT              ◄  VIDEO1    ►
             LANGUAGE           ◄  ENGLISH   ►
             SOUND MUTE         ◄  OFF       ►
             BUTTON LOCK        ◄  OFF       ►
SETUP        NOISE REDUCTION    ◄  ON        ►
             OSD TIME                             15s
RGB          DEFAULT            ►
SETUP        LINE SHIFT         ◄  ON        ►
CYCLE
SETUP

TRIGGER

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*
```
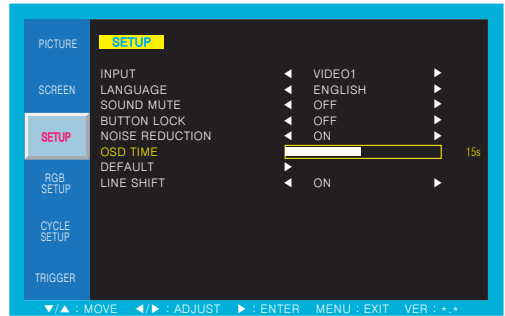
Default setting is 15s and adjustable from range of 5 to 30s

DEFAULT
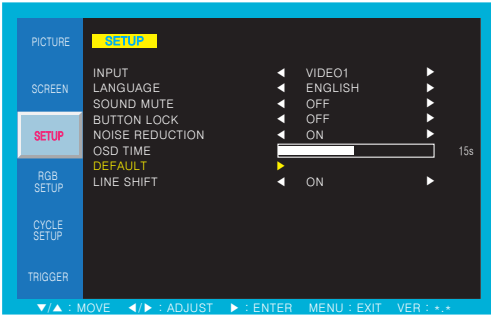
DEFAULT is set OSD menu to factory default

LINE SHIFT
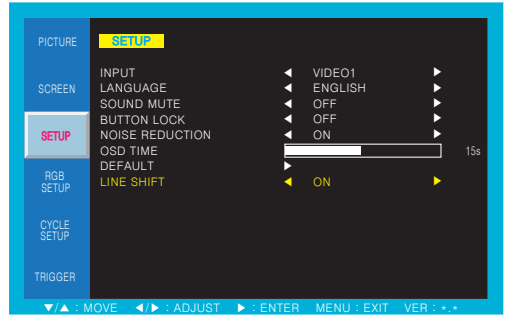
Default setting is ON and switch to OFF line shift option

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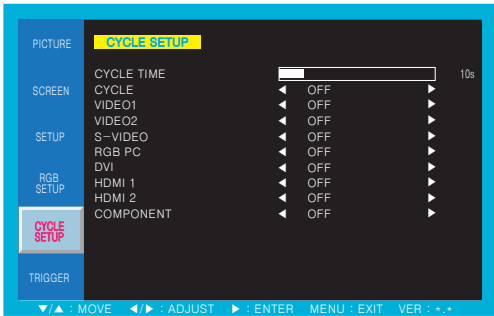
1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
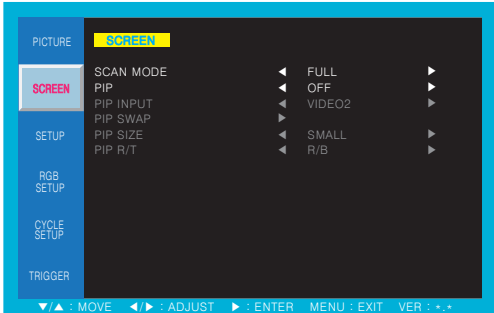5. Use the ▲&▼arrow to adjust the setting on a selected item.

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
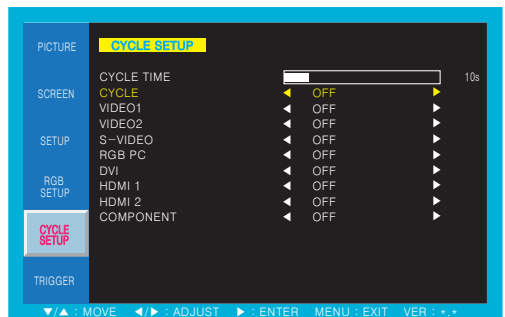
Default setting is OFF and switch to ON cycle option

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
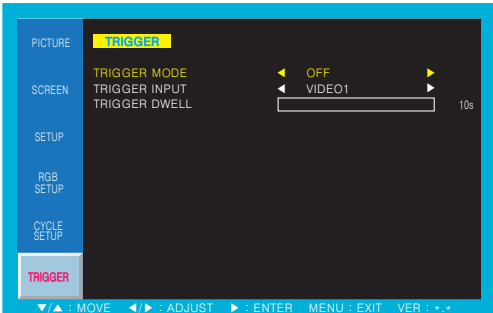
Default setting is OFF and switch to ON trigger mode

TRIGGER INPUT

Inputs can be set to VIDEO1, VIDEO2 and S-VIDEO mode

TRIGGER DWELL

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

5-3 Menu Setting (VGA Mode)

PICTURE

	PICTURE		
PICTURE	PICTURE		
SCREEN	CONTRAST		60%
	BRIGHTNESS		50%
	COLOR		50%
	TINT		50%
SETUP	SHARPNESS		50%
	PEAKING CONTROL		50%
RGB SETUP	COLOR TEMP	◄ MEDIUM ►	
	RED		50%
	GREEN		50%
	BLUE		50%
CYCLE SETUP	MODE SELECT	◄ 1080P ►	
TRIGGER			

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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

BRIGHTNESS : Adjust color brightness

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 TEMP

PICTURE	**PICTURE**		
SCREEN	CONTRAST		60%
	BRIGHTNESS		50%
	COLOR		50%
SETUP	TINT		50%
	SHARPNESS		50%
	PEAKING CONTROL		50%
RGB SETUP	COLOR TEMP	◄ MEDIUM ►	
	RED		50%
	GREEN		50%
CYCLE SETUP	BLUE		50%
	MODE SELECT	◄ 1080P ►	
TRIGGER			

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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

PICTURE	**SCREEN**		
SCREEN	SCAN MODE	◄ FULL ►	
	PIP	◄ OFF ►	
	PIP INPUT	◄ VIDEO2 ►	
	PIP SWAP	►	
SETUP	PIP SIZE	◄ SMALL ►	
	PIP R/T	◄ R/B ►	
RGB SETUP			
CYCLE SETUP			
TRIGGER			

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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
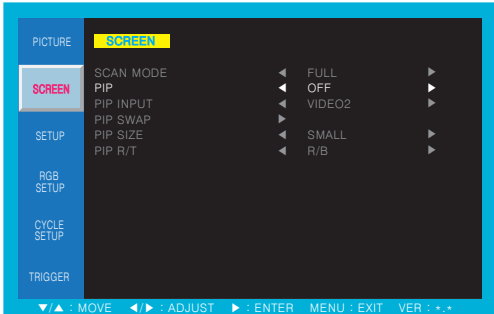
PIP

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
(VIDEO1, VIDEO2, 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
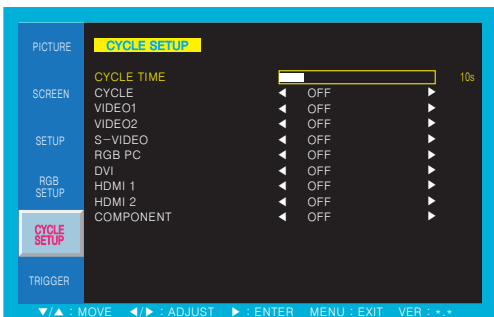*Please refer to page 16 for SETUP menu*

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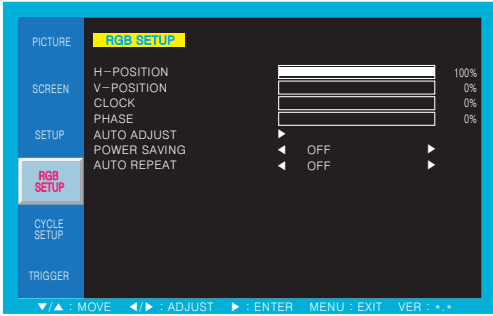
1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

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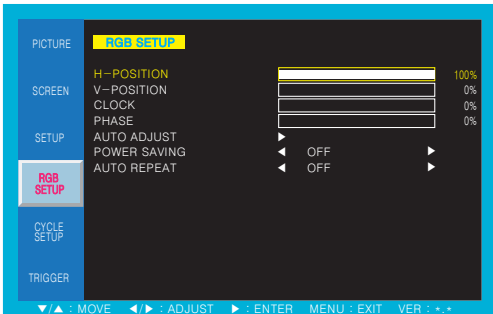
Can be set between 0 to 100% horizontal position of monitor by manually

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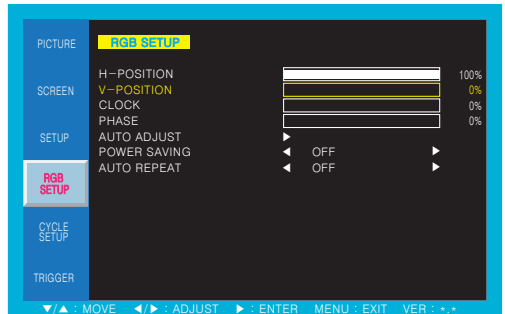
Can be set between 0 to 100% vertical position of monitor by manually

CLOCK

```
PICTURE      RGB SETUP
             H−POSITION                              100%
SCREEN       V−POSITION                              0%
             CLOCK                                   0%
SETUP        PHASE                                   0%
             AUTO ADJUST          ▶
RGB          POWER SAVING         ◀      OFF      ▶
SETUP        AUTO REPEAT          ◀      OFF      ▶

CYCLE
SETUP

TRIGGER
    ▼/▲ : MOVE   ◀/▶ : ADJUST   ▶ : ENTER   MENU : EXIT   VER : *.*
```
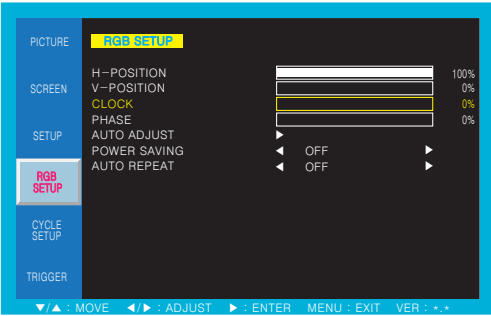
Can be set between 0 to 100% clock of monitor by manually

PHASE

```
PICTURE      RGB SETUP
             H−POSITION                              100%
SCREEN       V−POSITION                              0%
             CLOCK                                   0%
SETUP        PHASE                                   0%
             AUTO ADJUST          ▶
RGB          POWER SAVING         ◀      OFF      ▶
SETUP        AUTO REPEAT          ◀      OFF      ▶

CYCLE
SETUP

TRIGGER
    ▼/▲ : MOVE   ◀/▶ : ADJUST   ▶ : ENTER   MENU : EXIT   VER : *.*
```
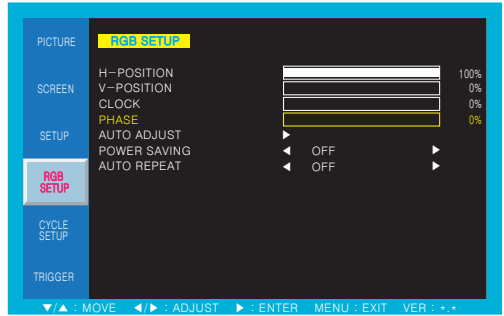
Can be set between 0 to 100% phase of monitor by manually

AUTO ADJUST

```
PICTURE      RGB SETUP
             H−POSITION                              100%
SCREEN       V−POSITION                              0%
             CLOCK                                   0%
SETUP        PHASE                                   0%
             AUTO ADJUST          ▶
RGB          POWER SAVING         ◀      OFF      ▶
SETUP        AUTO REPEAT          ◀      OFF      ▶

CYCLE
SETUP

TRIGGER
    ▼/▲ : MOVE   ◀/▶ : ADJUST   ▶ : ENTER   MENU : EXIT   VER : *.*
```
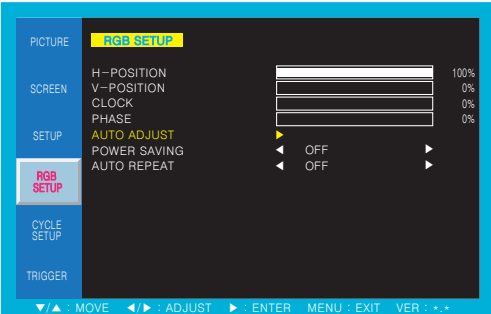
Auto adjust position and image of screen

POWER SAVING

```
PICTURE      RGB SETUP
             H−POSITION                              100%
SCREEN       V−POSITION                              0%
             CLOCK                                   0%
SETUP        PHASE                                   0%
             AUTO ADJUST          ▶
RGB          POWER SAVING         ◀      OFF      ▶
SETUP        AUTO REPEAT          ◀      OFF      ▶

CYCLE
SETUP

TRIGGER
    ▼/▲ : MOVE   ◀/▶ : ADJUST   ▶ : ENTER   MENU : EXIT   VER : *.*
```
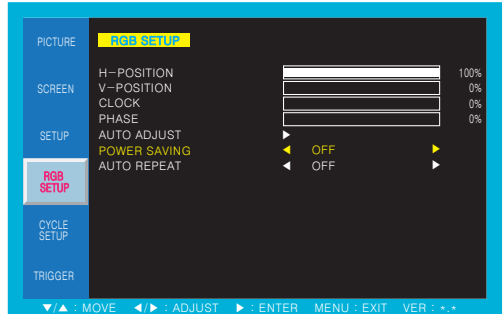
Default setting is OFF and switch to ON power saving mode

AUTO REPEAT

```
PICTURE      RGB SETUP
             H−POSITION                              100%
SCREEN       V−POSITION                              0%
             CLOCK                                   0%
SETUP        PHASE                                   0%
             AUTO ADJUST          ▶
RGB          POWER SAVING         ◀      OFF      ▶
SETUP        AUTO REPEAT          ◀      OFF      ▶

CYCLE
SETUP

TRIGGER
    ▼/▲ : MOVE   ◀/▶ : ADJUST   ▶ : ENTER   MENU : EXIT   VER : *.*
```
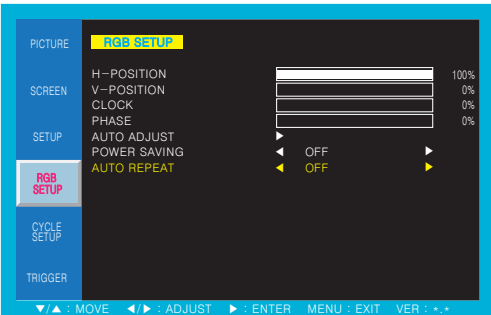
Default setting is OFF and switch to ON auto repeat mode

CYCLE SETUP
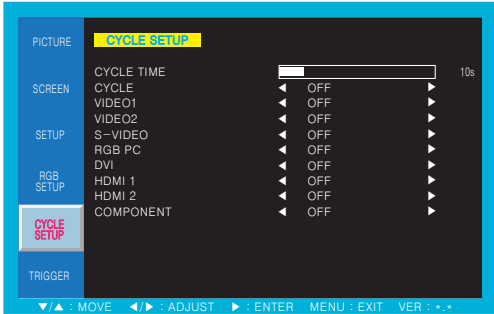
PICTURE	**CYCLE SETUP**
	CYCLE TIME ▯▯▯▯▯▯ 10s
SCREEN	CYCLE ◄ OFF ►
	VIDEO1 ◄ OFF ►
	VIDEO2 ◄ OFF ►
SETUP	S−VIDEO ◄ OFF ►
	RGB PC ◄ OFF ►
RGB SETUP	DVI ◄ OFF ►
	HDMI 1 ◄ OFF ►
	HDMI 2 ◄ OFF ►
CYCLE SETUP	COMPONENT ◄ OFF ►
TRIGGER	
▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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

|	
PICTURE	**TRIGGER**
SCREEN	TRIGGER MODE ◄ OFF ►
	TRIGGER INPUT ◄ VIDEO1 ►
SETUP	TRIGGER DWELL ▯▯▯▯▯▯ 10s
RGB SETUP	
CYCLE SETUP	
TRIGGER	
▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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 Mode Tables

VGA / DVI Mode

MODE	RESOLUTION	VERTICAL FREQUENCY (Hz)
VGA	720X400	70
	640X480	60 / 72 75
SVGA	800X600	50 / 60 / 72 / 75
XGA	1024X768	50 / 60 / 75
WXGA	1366X768	60
*UXGA	1600X1200	60
*HD	1920X1080	60

*Corresponds only to 21/23 inches

HDMI Mode

MODE	RESOLUTION	VERTICAL FREQUENCY (Hz)
EDTV 480i	720X480	30
EDTV 576i	720X576	25
SDTV 480p	720X480	60
SDTV 576p	720X576	60
HDTV 720p	1280X720	50 / 60
HDTV 1080i	1920X1080	30 / 25
HDTV 1080p	1920X1080	50 / 60

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

5-4 Menu Setting (DVI, HDMI Mode)

PICTURE

PICTURE		
PICTURE	**PICTURE**	
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
RGB SETUP	COLOR TEMP ◀ MEDIUM ▶	
	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◀ 1080P ▶	
TRIGGER		
▼/▲ : MOVE ◀/▶ : ADJUST ▶ : ENTER MENU : EXIT VER : ∗.∗		

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

CONTRAST

PICTURE		
PICTURE	**PICTURE**	
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
RGB SETUP	COLOR TEMP ◀ MEDIUM ▶	
	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◀ 1080P ▶	
TRIGGER		
▼/▲ : MOVE ◀/▶ : ADJUST ▶ : ENTER MENU : EXIT VER : ∗.∗		

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

BRIGHTNESS

PICTURE		
PICTURE	**PICTURE**	
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
RGB SETUP	COLOR TEMP ◀ MEDIUM ▶	
	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◀ 1080P ▶	
TRIGGER		
▼/▲ : MOVE ◀/▶ : ADJUST ▶ : ENTER MENU : EXIT VER : ∗.∗		

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

COLOR

PICTURE		
PICTURE		
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
	COLOR TEMP ◄ MEDIUM ►	
RGB SETUP	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◄ 1080P ►	
TRIGGER		
▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*		

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

TINT

PICTURE		
PICTURE		
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
	COLOR TEMP ◄ MEDIUM ►	
RGB SETUP	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◄ 1080P ►	
TRIGGER		
▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*		

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

SHARPNESS

PICTURE		
PICTURE		
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
	COLOR TEMP ◄ MEDIUM ►	
RGB SETUP	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◄ 1080P ►	
TRIGGER		
▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*		

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

PEAKING CONTROL

PICTURE		
PICTURE		
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
	COLOR TEMP ◄ MEDIUM ►	
RGB SETUP	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◄ 1080P ►	
TRIGGER		
▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*		

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

COLOR TEMP

PICTURE		
PICTURE		
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
	COLOR TEMP ◄ MEDIUM ►	
RGB SETUP	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◄ 1080P ►	
TRIGGER		
▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*		

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

PICTURE		
PICTURE		
SCREEN	CONTRAST	60%
	BRIGHTNESS	50%
	COLOR	50%
	TINT	50%
SETUP	SHARPNESS	50%
	PEAKING CONTROL	50%
	COLOR TEMP ◄ MEDIUM ►	
RGB SETUP	RED	50%
	GREEN	50%
	BLUE	50%
CYCLE SETUP	MODE SELECT ◄ 1080P ►	
TRIGGER		
▼/▲ : MOVE ◄/► : ADJUST ► : ENTER MENU : EXIT VER : *.*		

Default setting is 1080P and switch to 1920X1080 mode

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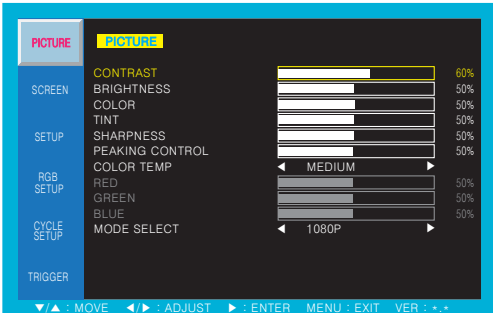*1920X1080 - It is the fit image on PC In (Just/Real Scan)*

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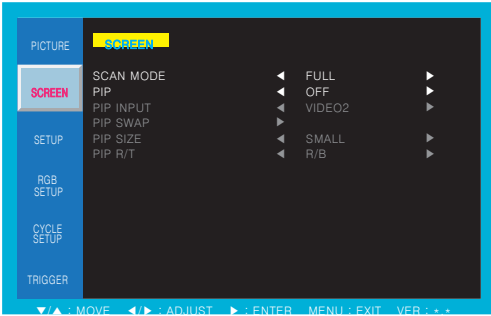
1. Press the MENU/EXIT key to access menu.
2. Use the ▲&▼arrow to highlight a selection.
3. Press the▶/SELECT to choose an item.
4. Use the ▲&▼arrow to highlight a selection.
5. Use the ▲&▼arrow to adjust the setting on a selected item.

This function of each menu is listed page 22
Please refer to page 22 for SCREEN menu

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

CYCLE SETUP

PICTURE	**CYCLE SETUP**		
	CYCLE TIME	▭▭▭▭▭	10s
SCREEN	CYCLE	◄ OFF	►
	VIDEO1	◄ OFF	►
	VIDEO2	◄ OFF	►
SETUP	S−VIDEO	◄ OFF	►
	RGB PC	◄ OFF	►
RGB SETUP	DVI	◄ OFF	►
	HDMI 1	◄ OFF	►
	HDMI 2	◄ OFF	►
CYCLE SETUP	COMPONENT	◄ OFF	►
TRIGGER			

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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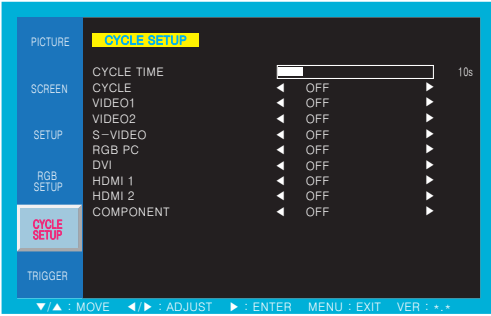*Please refer to page 19 for CYCLE SETUP menu*

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

PICTURE	**TRIGGER**		
SCREEN	TRIGGER MODE	◄ OFF	►
	TRIGGER INPUT	◄ VIDEO1	►
SETUP	TRIGGER DWELL	▭▭▭▭▭	10s
RGB SETUP			
CYCLE SETUP			
TRIGGER			

▼/▲ : MOVE   ◄/► : ADJUST   ► : ENTER   MENU : EXIT   VER : *.*

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

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.

5. FEATURE

General Features		18REDP [LED]	21REDP [LED]	23REDP [LED]
Display	Screen Size	18.5 inches	21.5 inches	23.0 inches
	Resolution	1366*768 pixels	1920*1080 pixels	1920*1080 pixels
	Pixel Pitch	0.3*0.3 mm	0.248*0.248 mm	0.265*0.265 mm
	Brightness	250 cd/m^2	250 cd/m^2	250 cd/m^2
	Contrast Ratio	1000:1	1000:1	1000:1
	Aspect Ratio	16:9	16:9	16:9
	Viewing Angle (H/V)	170/160 degrees	170/160 degrees	170/160 degrees
	Display Color	16.7 million	16.7 million	16.7 million
	Response Time	5 ms	5 ms	5 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
	Panel Life Time (hours)	30,000 hours	30,000 hours	30,000 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	1	1	1
	DVI In/HDMI In	1/2	1/2	1/2
	Audio In (RCA Type)	3	3	3
	PC Stereo In	1	1	1
Audio	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	Y	Y	Y
Special Features	Multi Display Function	PIP/PBP Dual Composite Display	PIP/PBP Dual Composite Display	PIP/PBP Dual Composite Display
	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)	17.6*3.1(3.2)*11.6 inches	20.4*3.1(3.2)*13.1 inches	21.7*3.1(3.2)*13.9 inches
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Electrical Ratings	AC 100~240 V (50/60Hz) DC 12 V	AC 100~240 V (50/60Hz) DC 12 V	AC 100~240 V (50/60Hz) DC 12 V
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 mm	100*100 mm	100*100 mm
	Ceiling Mount	CMK-01	CMK-01	CMK-01
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31
	Rack Mount	RMK-08	RMK-08	RMK-08

6. 2Year Limited Warranty

All ORION IMAGES products carry a limited warranty from ship date against defects in materials and workmanship. ORION IMAGES is not liable for improper installation that results in damage to mounts, adapters, display equipment or personal injury.

Contact ORION IMAGES
In the event of missing and/or damage equipment, or technical questions, the following information can help in the completion of the installation.

ORION IMAGES Corp. (USA)
Address: 7300 Bolsa Avenue, Westminster, CA 92683
Tel: 714-766-6300 / Fax: 714-766-6310
Email: rma@orionimages.com
Website: http://www.orionimages.com

7. 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.

MEMO