High Resolution Multi-sync Monitor

22" TFT LCD MONITOR
USER'S MANUAL

SAVES YOUR WORK SPACE
BE AMAZED AT HOW SLIM, LIGHTWEIGHT AND ATTRACTIVE IT IS!

CONTENTS

1. GETTING STARTED

1)LT22A01(Aluminum Cased Model): Main body with Speaker Set

Front

Rear

(Remark) The above photo of item can be different from the actual shipment as per customer's selection of color, design and material.

2) Precautions For Safety

WARNING:

Do not remove the cover to reduce the of electrick shock.

No user serviceable parts inside. Refer servicing to qualified service Personnel.

The lighting flash with arrowhead symbol, within an equilater trangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is instended to alert the user to the presence of important operation and maintenance(servicing) instructions in the literature accompanying the appliance.

WARNING:

To prevent fire of shock hazard, do not expose the set to rain or moisture. Do not rub or strike the Active Matrix LCD with anything hard as this may scratch, mar, or damage the Active Matrix LCD permanently.

Caution

Do not attempt to modify this product in any way without written authorization.

Power

This set operates on a DC supply provided by the AC−DC adaptor, the voltage is as indicated on the label on the back cover. Use only the AC−DC adaptor operates on an AC main supply, the voltage is indicated on the label of the AC−DC adaptor.
a. Connect the DC plug of the AC−DC adaptor to the 15V socket of the set.
b. Connect the AC−DC adaptor and it's power cord.
c. Connect the power cord to an AC mains.
In the event of thunderstorms or power cuts, please pull out the main plug of AC−DC adaptor and the aerial plug. Do not allow anything to rest upon or roll over the power cord, and do not place the set where the power cord is subject to damage.

Service

Never remove the back cover of the unit, this can expose you to high voltage and other harzards. If the unit does not operate properly, unplug it and call your dealer. Antenna cable to the connection marked Ant. (on the rear). For "best reception, use an outdoor antenna."

Location

Position your unit so that no bright light or sunlight will shine directly on the screen. Do not expose the unit to vibration water, moisture, dust or heat. Also ensure that the unit is placed in a position that allows a free flow of air. Do not cover the ventilation opening on the back cover.
You can install the unit on a wall or place it on a table−top or similar flat suface. Mount the unit securely to eliminate the risk of injury from the unit falling. Contact your dealers to purchase the optional ceiling and wall mount.

Cleaning

Unplug the power cord from the AC outlet before cleaning the case or the LCD Screen. Dust the unit by wiping the screen and cabinet with a soft, clean cloth. If the screen requires additional cleaning use a clean, use damp cloth. Do not use liquid or aerosol cleaners.

Non−active pixels

Occasionally, a few non−active pixels may appear on screen as a fixed point of blue, green, or red. Please note that this does not affect the performance of your product.

2. INSTALLATION

1) Package Contents
− Open the carton box and check the contents
(Remark:The contents can be changed without the prior notice for unit improvement)

Display Monitor

Power Supply Adaptor

Power Cable
(For EC market)

Mulit−Function Remote Control

PC(VGA) Cable

2)The Multi-Input Terminal

LT22A01 models have the multi-input terminals in the rear of Monitor.
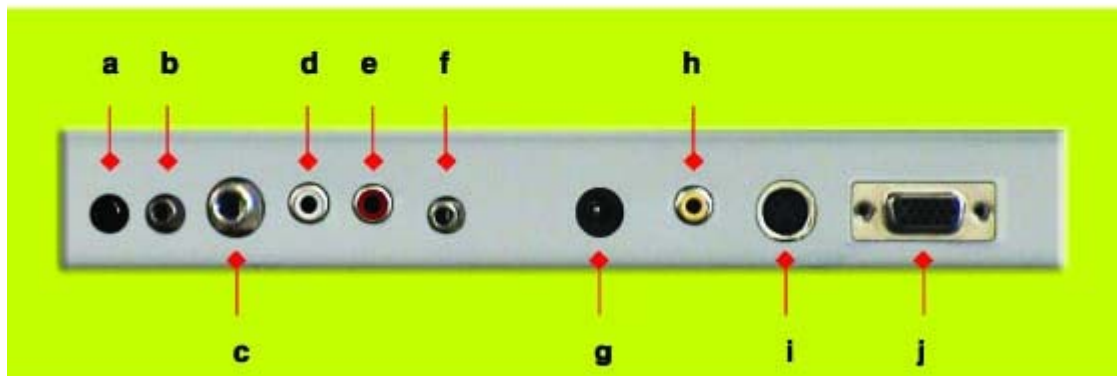
a. HEADPHON Output

b. STEREO Output

c. TV Antenna Input

d. AUDIO LEFT Input

e. AUDIO RIGHT Input

f. PC STEREO Input

g. POWER Input

h. VIDEO Input

i. S-VHS Input

j. PC SIGNAL (VGA/RGB) Input

3. OPERATION

1) Controlling buttons(Front)
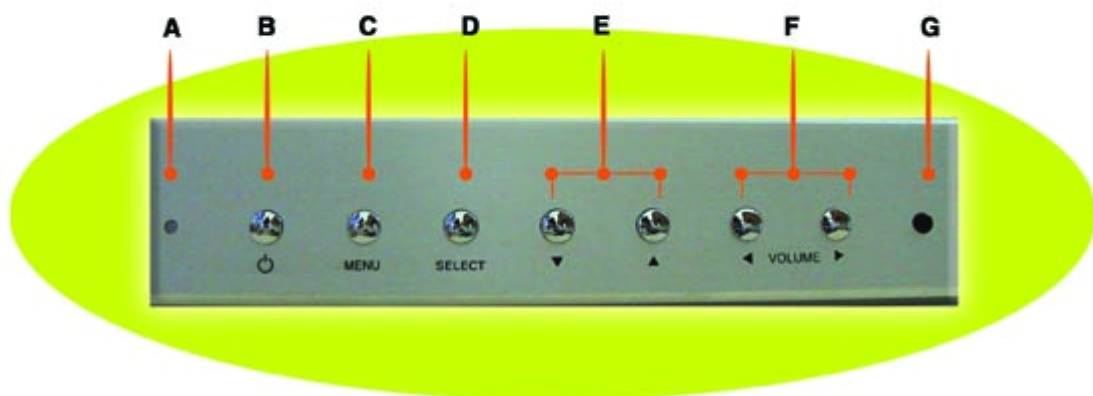
A LED
When power is on, the light is green.

B POWER

C MENU
OSD Menu Turn on/off

D SELECT
To come out of the OSD Menu

E CHANNEL UP/DOWN
OSD Move to next

F VOLUME CONTROL

G SENSOR FOR THE REMOTE CONTROL

*The image of manual OSD may differ from the virtual image.

Control For The OSD (On Screen Display)

Please try it as follows for controlling the OSD Menu.

1. When you press the [MENU]button, the OSD menu appears on the Monitor.

2. You can select the icon with the [CHANNEL(▲ / ▼)]buttons.

3. Press the [SELECT/MUTE] button under the state of the selected icon.

4. You can contol the condition by using [CHANNEL(▲ / ▼)buttons.

5. Command a function by pressing the [SELECT/MUTE] button.

6. If you press the [MENU] button after setting, the OSD menu disappears on the screen.

  ● **If you want to move from the low to the high category, press the [MENU] button.**

Selection of LT22A01-How to select the input mode

- Conversion from the PC Monitor mode to TV&Video mode
- You can select the PC Monitor, TV and Video by using [MENU] button

By pressing the [MENU] bytton, the menu is displayed as the following.
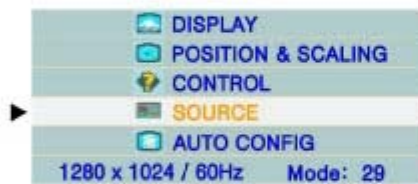
▶ DISPLAY POSITION & SCALING CONTROL SOURCE AUTO CONFIG 1280 x 1024 / 60Hz Mode: 29	1. The arrow( )is indicated the present set-up condition(cursor). Make the present set-up cursor on the "Source" by pressing [▲][▼]buttons and press the [SELECT] button.
▶ PC ANALOG TELEVISION COMPOSITE S-VHS	2. Let the cursor be on "TV" to convert into TV and then press the [SELECT] button. 3. In Video, there are the "COMPOSIT" and "S-VHS" modes. Select the"COMPOSITE" OR "s-vhs" in video.
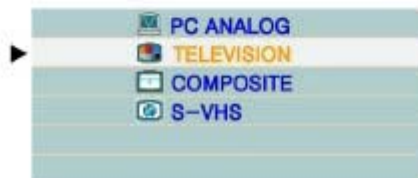
-Convertion from the TV&VIDEO MODE to the Monitor Mode.
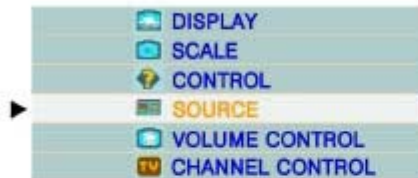
▶ DISPLAY SCALE CONTROL SOURCE VOLUME CONTROL CHANNEL CONTROL	1. Please let the cursor be on the "SOURCE" with pressing the [▲][▼] buttons, and press the [SELECT] button. Make the cursor positioning be on the "PC ANALOG" and press the [SELECT] button.

▼

▶ PC ANALOG TELEVISION COMPOSITE S-VHS	

OSD Basic Tips

Two kinds if the OSD are showed on LT22A01 Display when using
the Monitor and the Video & TV.

▶	DISPLAY		DISPLAY
---	POSITION & SCALING		SCALE
	CONTROL	▶	CONTROL
	SOURCE		SOURCE
	AUTO CONFIG		VOLUME CONTROL
1280 x 1024 / 60Hz Mode: 29			CHANNEL CONTROL

(The OSD for Monitor Mode)   (The OSD for TV & Video Mode)

*The beginning cursor in OSD for the monitor is adjusted to the "Display".
Alao, the current resolution shall be shown in the bottom of the OSD.
The position of beginning cursor in OSD for TV & VIDEO mode is adjusted
to the "SOURCE"

−SUGGESTION−

Just press the [SELECT] button, then the function is activated. If you want
to cancel the [MUTE] function, press the [SELECT] button one more.

2) Adjusting the OSD for PC Monitor

Control of the Display fuctions
- The BRIGHTNESS

In case of controlling BRIGHTNESS, please do as to the following process.

1. Go the OSD menu by using [MENU] button. Select the [DISPLAY], and then press the [SELECT].

▶ | 🖼 DISPLAY
- 🖵 POSITION & SCALING
- 🔁 CONTROL
- 🖼 SOURCE
- 🖵 AUTO CONFIG
- 1280 x 1024 / 60Hz   Mode: 29

2. Select the "BRIGHTNESS" by using [▲][▼] buttons, and then press [SELECT].

▶ | ☀ BRIGHTNESS
- ◑ CONTRAST
- 🟩 PHASE
- 🟧 FREQUENCY
- 🅰 SHARPNESS
- 🌢 COLOR CONTROL
▼

3. Control "BRIGHTNESS" by [▲][▼] buttons.

☀ BRIGHTNESS
▭▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬ 20%

* In case of controlling the [CONTRAST],[PHASE] and [FREQUENCY], do as the same way prescribed above.

- The SHARPNESS

You can control the distinction of display.

1. press the[MENU]. Select the [DISPLAY]and then press [SELECT] button.

▶ | 🖼 DISPLAY
- 🖵 POSITION & SCALING
- 🔁 CONTROL
- 🖼 SOURCE
- 🖵 AUTO CONFIG
- 1280 x 1024 / 60Hz   Mode: 29

2. Select the [SHARPNESS] by using [▲][▼]buttons and then press the [SELECT] button.

☀ BRIGHTNESS
◑ CONTRAST
🟩 PHASE
🟧 FREQUENCY
▶ | 🅰 SHARPNESS
🌢 COLOR CONTROL
▼

3. Selcet the distinction you want.

🅰 SHARPNESS
1   2   3   4   5

-The Color

If you need to adjust the density of the color, please adjust as the followings ;

1. Press the [MENU]. Select the [DISPLAY] and then press the [SELECT].

🖼	DISPLAY
🖥	POSITION & SCALING
⚙	CONTROL
🎛	SOURCE
🖵	AUTO CONFIG
1280 x 1024 / 60Hz	**Mode: 29**

2. Select the [COLOR] by using the [▲][▼] buttons and then press the [SELECT].

☀	BRIGHTNESS
◑	CONTRAST
🟩	PHASE
🟧	FREQUENCY
🔅	SHARPNESS
▶ 💧	COLOR CONTROL

3. Select the [RED] by using the [▲][▼] buttons and then press the [SELECT].

▶ 💧	RED
💧	GREEN
💧	BLUE

▼
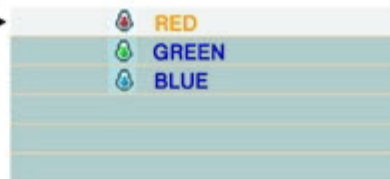
4. Control the level by using the [▲][▼] buttons.

💧 RED

— ▬▬▬▬▬⬤————— + | 20%

*Do as the same why prescribed above if you want Green or Blue.

The position of the Display

-The full screen

If you want the position of full screen, please follow after the next steps.
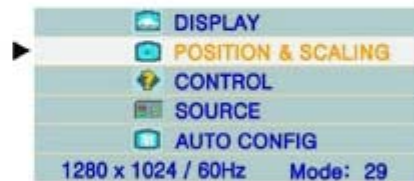
1. Press the [MENU]. Select the "POSITION & SCAILING" and then press the [SELECT].

🖵	DISPLAY
▶ 🖵	POSITION & SCALING
❓	CONTROL
🖳	SOURCE
🖵	AUTO CONFIG

1280 x 1024 / 60Hz   Mode: 29

2. Make the cursor positioning on the "H-POSITION" and then press the [SELECT].

▶ 🖵	H-POSITION
🖵	V-POSITION
🖵	SCALING
🖵	ZOOM
🖵	FREEZE FRAME

▼

3. You can move horizontally by using the [▼][▲] buttons.

🖵 H-POSITION

15%
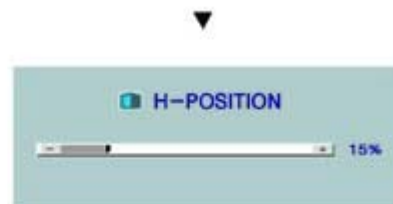
4. For moving up to the main OSD screen or the exit, please press the [MENU] button one more.

-THE SCALING FUNCTION

-To control screen size.
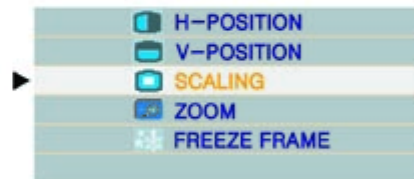
1. Press the [MENU].
Select the "POSITION&SCALING" and
then press the [SELECT].

▶

	DISPLAY
	POSITION & SCALING
	CONTROL
	SOURCE
	AUTO CONFIG

1280 x 1024 / 60Hz   Mode: 29

2. Let the cursor on the "SCALING" by
using the [▲][▼] buttons and then press
the [SELECT].

▶

	H-POSITION
	V-POSITION
	SCALING
	ZOOM
	FREEZE FRAME

▼

3. Select the function by using the [▲][▼]
buttons and then press the [SELECT].

| ☐ SCALING |
| --- |
| FILL   ASPECT 16:9   1:1 |

*The function of the [FILL] is for the full screen. The function of 16:9 is for
wide version, and 1:1 will be appeared as the screen size of the suitable
resoultion.

-THE ZOOM FUNCTION

It shall be applied to the scale up and down on the screen of the monitor.

1. Press the [MENU].
Select the [POSITON & SCAILING] and
then press the[SELECT].

	H-POSITION
	V-POSITION
	SCALING
	ZOOM
	FREEZE FRAME

▶
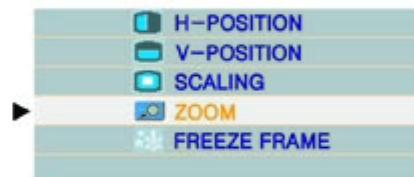
2. Make the cursor on the "ZOOM" by
using the [▲][▼] buttons and then press
the [SELECT].

▼

3. Control the level by using the [▲][▼]
buttons.

| ☐ ZOOM |
| --- |
| ⊡——————————⊞ 20% |

-THE FREEZE FRAME FUNCTION

It shall be applied to stop the favorable portion of the screen supplied by media.

1. Press thr [MENU].
Select the [POSITION & SCALING] and
then press the [SELECT].

🖼	DISPLAY
🖼	POSITION & SCALING
❓	CONTROL
🖼	SOURCE
🖼	AUTO CONFIG
1280 x 1024 / 60Hz	Mode: 29

2. Make the cursor on the "FREEZE FRAME"
by using the [▲][▼] buttons and then press
the [SELECT].

🖼	H-POSITION
🖼	V-POSITION
🖼	SCALING
🖼	ZOOM
❄	FREEZE FRAME

▼
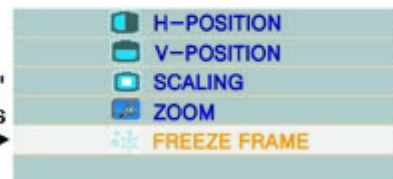
3. If you select the [ON], screen will be
stopped.

❄ FREEZE FRAME	
ON	OFF

4.Continuously press the [MENU] to move to the main OSD screen or exit the
OSD screen.

(Limited)HD ready with RGB connector(D-sub 15 pin)
It has the limited HD ready feature for DTV receiver(Set Top Box) with RGB
connector and separate Transcoder for VGA input.

(Remark) In case user wants to use a transcoder, please note that this LCD unit has
primary set for KeyDigital Transcoder (KD-CTCA2). If user has abnormal screen by
different transcoder, please surely adjust screen display position manually on the
OSD menu.

5) APPLICATION OF THE REMOTE CONTROL

The Remote Control's buttons & How to work.

It shall be easily controlled without going though OSD by the application of the Remote Control.

POWER(LCD Monitor power on/off)

MUTE FUNCTION BUTTON(at TV & VIDEO)

CHANNEL SELECT BUTTONS(Select a channel diretly)

TV FUNCTION BUTTON & S-VHS FUNCTION BUTTON

CHANNEL CONTROL BUTTONS
(Select a channel & move to next or Previous item of TV by cursor)

VOLUME CONTROL BUTTONS
(Control the volume of TV or VIDEO)

SELECT BUTTON
(When adjust OSD, select the command function)

VIDEO FUNCTION BUTTON & MONITOR FUNCTION BUTTON

MENU BUTTON (OSD Menu turn on)

This Remote Control is operated by two 1.2v~1.5v batteries of AAA size.

5. OTHER INFORMATION

Troubleshooting

When the problem happens, please check first the followings
before contacting to the After Sales Service Center.

▶ No power

1. Firstly check whether the LED lamp of adapter is on or not. If the LED lamp
is off, you have to check the power code and multi-tab.

—Check the multi-tab plugged in power or whether the wall socket is ok.

Q&A

▶ When is the sound not working?

1. If the sound is not working in VIDEO and TV mode,
please surely check your troubleshooting way as followings;
—please fully insert the input cables of sound signal into the white and
Red terminals in the rear of the Monitor.

▶ When does it indicate "Analog RGB1 out of RANGE"?

1. LT22A010 DISPLAY is backing up to WXGA(1280*720) that may occur such
a problem by setting over the resolution.
—In this case, control the resolution at 1280*720mode and then connect monitor.

2. There may be bad connection between the LCD Monitor and Computer.
Please carefully check the screw connection of the both end—pin connectors
of cables.

▶ When is the letter not clear?

1. Please adjust the [PHASE] of the [DISPLAY MODE] among OSD menu by
using the control button in front bottom of the monitor.

▶ When is the screen color abnormal?

1. In case only one color displays on the full screen of monitor, or R.G.B.
signals do not appear on the screen at certain colors, please firstly check
the fittings of Video graphic card mounted inside your PC, and then secondly
check the both end—pin connectors of cables between the Monitor and PC in
good order.

▶When does the Monitor support only 16bit colors?

1. Please click "CONTROL –> DISPLAY –> REGISTRATION INFO –
SET UP –> HIGH LINK on WINDOWS program, and then check whether
its setting–up is correctly as per your Video graphic cards. In case you
use any particular Video graphic boards, please surely install OEM drive
which Video Card manufacturers provided in their OEM package.

▶When is the picture flickering up and down on the screen?

1. Please remove the magnetic things near to the Monitor.

2. It may cause an abnormal screen by the power problem. Please
check the voltage stable.

3. Please check the Monitor cable whether it is correctly connected
between the computer and the Monitor.

In case you can not solve the general problems by above treatments,
then please contact with the nearer After Sales Service center designated.

NOTE: This equipment has been tested and found to comply with the limits for a Class B 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 of 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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFE

RENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH M

ODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.