



Projection Monitor for Educational **OWNER'S MANUAL**

Please read this manual carefully before operating your set.

Retain it for future reference.

Record model number and serial number of the set.

See the label attached on the back cover and quote this information to your dealer when you require service.

Model number :

Serial number :

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Installation

Power

This set operates on an AC mains supply, the voltage is as indicated on the label on the back cover. Never apply DC power to the set. In the event of thunderstorms or powercuts, please pull out the aerial and mains plugs.

Warning

To prevent fire or shock hazard, do not expose the set to rain or moisture.

Service

Never remove the back cover of the set. If the set does not operate properly, unplug it and call your dealer.

Connection

Connect the PC and AUDIO cable (not supplied) to the socket marked PC INPUT and AUDIO (L) (R) on the back cover.

Location

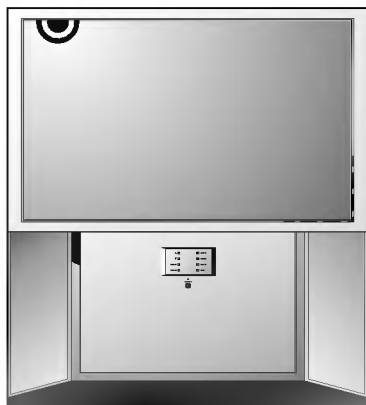
Care should be taken not to expose the set to any unnecessary vibration, moisture, dust or heat. Also ensure that the set is placed in a position to allow a free flow of air. Do not cover the ventilation openings on the back cover.

Do not place the set on a sloping or unstable area as the casters on the bottom of the set may cause it to move and to be damaged.

Location and function of controls

Front panel

- **MT-54/44NA21 series**



- 1. MAIN POWER (ON/OFF)**
switches the set on or off.
 - ◀ / ▶ (Volume Up/Down)**
adjusts the volume.
adjusts menu settings.
▲ / ▼ (Up/Down)
selects a menu item.
switches the set on from standby.
 - 3. POWER/STANDBY INDICATOR**
illuminates brightly when the set is in standby mode.
dims when the set is switched on.
 - 4. MUTE**
switches the sound on or off.
 - 5. MENU**
selects a menu.
 - 6. OK**
accepts your selection or displays the current mode.
 - 7. AUX**
clears the menu from the screen.
switches the set on from standby.
- * **CASTERS (on the bottom)**
turn and move the set easily.

Basic operation

On and off


1. Press the ON/OFF button to switch the set on.
2. Press the ON/OFF button again to switch the set off.

Note : If, while the set is switched on, the mains plug is disconnected the set will switch to standby or power on when the mains plug is replaced in the mains power socket.

Volume adjustment

Press the ◀ / ▶ button to adjust the volume.

Mute function

Press the **MUTE** button. The sound is switched off and the display  appears.

You can cancel it by pressing the **MUTE**, ◀ / ▶ button.

On screen menus

The dialogue between you and your set takes place on screen with an operator menu. The buttons required for the operating steps are also displayed.



On screen language selection (option)

The menu can be displayed on the screen in desired language. First select your language.

1. Press the **MENU** button.
2. Press the ▲ / ▼ button to select **Language**.
3. Press the ▶ button and then ▲ / ▼ button to select your desired language.
All the on screen displays will appear in the selected language.
Press the **OK** or ◀ button.
4. Press the **AUX** button to return to normal VGA(PC) viewing.

Contrast

This function is to adjust the display to the contrast desired.

1. Press the **MENU** button.
2. Press the ▲ / ▼ button to select **Contrast**.
3. Press the ▶ button.



◀ ▶ OK MENU AUX

4. Press the ◀ / ▶ button to make appropriate adjustments on the each sub menu.

Brightness

This function is to adjust the display to the brightness desired.

1. Press the **MENU** button.
2. Press the ▲ / ▼ button to select **Brightness**.
3. Press the ▶ button.



◀ ▶ OK MENU AUX

4. Press the ◀ / ▶ button to make appropriate adjustments on the each sub menu.

V-Position

This function is to adjust picture to up or down as you prefer.

H-Position

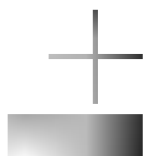
This function is to adjust picture to left or right as you prefer.

On screen menus

Convergence

This function enables you to adjust the colour convergence of screen during receiving the signals. When the set is first installed or it is relocated, the picture may be unstable with three colour ghosts (red, green, blue). This problem can be solved by adjusting the colour convergence.

1. Press the **MENU** button.
2. Press the **▲ / ▼** button to select **Convergence**.
3. Press the **▶** button to display the **Convergence** menu.



If the display + are unstable with three colour ghosts, the colour convergence needs to be adjusted.

4. Press the **OK** button to adjust the colour convergence.
The display **▲ ▼ ◀ ▶** is selected in red.
Press it again to select the display **▲ ▼ ◀ ▶** in blue.
5. Press the **▲ / ▼ / ◀ / ▶** button to superimpose the display + (red or blue) with the green one. The display + is moved to the left, right, up or down by pressing the **▲ / ▼ / ◀ / ▶** button.
6. If the red and blue display + are superimposed with the green one, the display + will be changed to yellow or cyan.
7. Press the **AUX** button to return to normal VGA(PC) viewing.

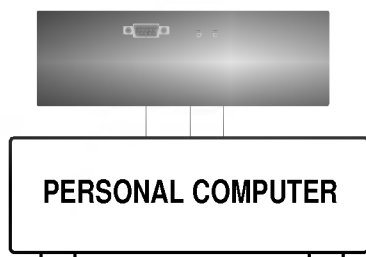
Note :The convergence isn't suitable to use in case of no input signal.

Connection of external equipment

You can connect additional equipment, such as PC etc. to your set. Here shown may be somewhat different from your set.

PC Input / Audio in sockets

1. Connect the PC cable from the monitor output socket of the PC to the PC INPUT sockets of the set.
2. Connect the audio cable from the PC to the **AUDIO** sockets of the set.
3. Switch on the PC, and the PC screen appears on the set. The set can be operated as the PC monitor.



Note :

- a. The cables are not supplied, such as the PC cable, audio cable etc.
- b. The set has been pre-adjusted to the mode **VGA 640X480@60Hz**.

Troubleshooting check list

Symptoms

No picture, no sound

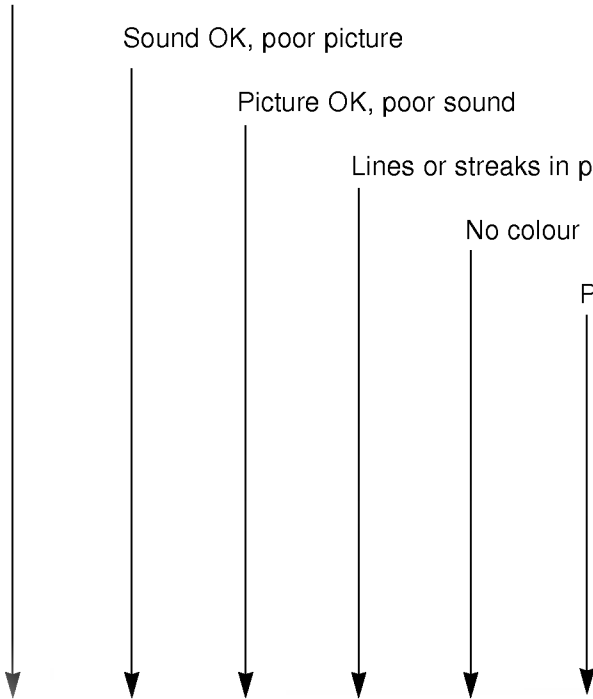
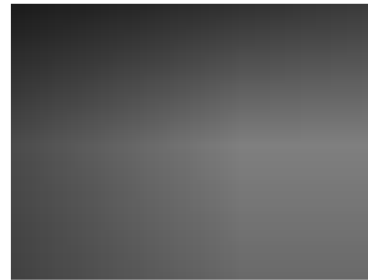
Sound OK, poor picture

Picture OK, poor sound

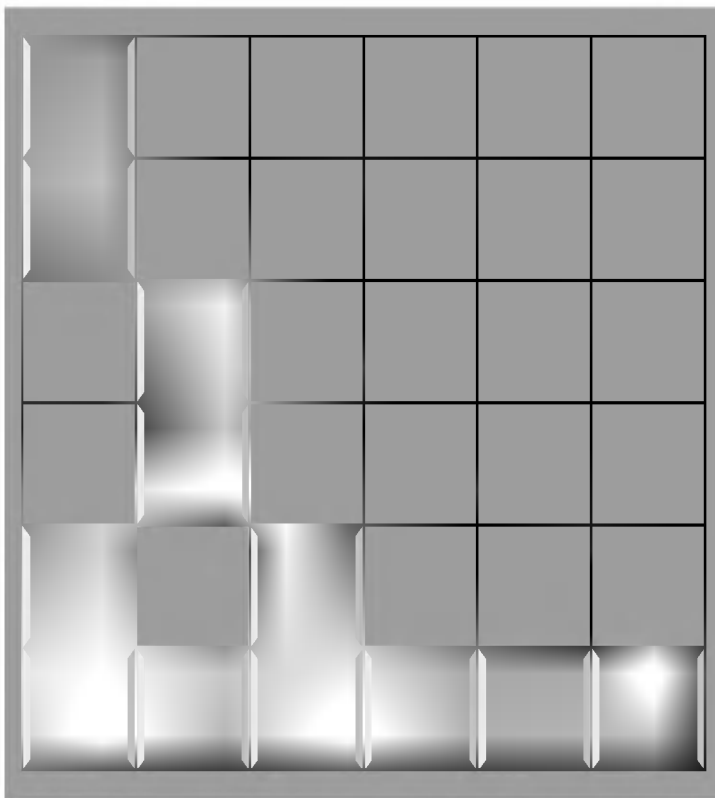
Lines or streaks in picture

No colour

Poor colour



Check these items and try to adjust these



The mains plug-(plugged in and switched on)

Is the monitor switched on

Adjust contrast

Adjust brightness

Adjust volume

Check PC input / Audio in sockets

MEMO

