

**20.1" TFT LCD
Color TV / Monitor
User's manual**



Before operating your set, please read this manual thoroughly, and retain it for future reference.

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Accessory

After unpacking your LCD TV, make sure that the following items are included in the packing box and in good condition.

1. LCD TV
2. AC adaptor
3. Remote control
4. User's manual
5. Audio/DVI & RGB cable

Basic function introduction

1. AC 100~240V, 50~60Hz input to AC adaptor.
2. Multi-system PAL B, G, D, K, I; SECAM B, G, D, K, L, L1; NTSC M.
3. NTSC M video input.
4. 256 TV channels.
5. Auto/Manual search of channel, Fine tuning.
6. AV input.
7. 15Pin D-SUB for PC input.
8. 24+6 Pin DVI input.
9. Audio-in for PC, DVI.
10. Audio output.

Installation

Power

This set operates on a 18V DC supply provided by the AC-DC adaptor. Use only the AC-DC adaptor supplied with the set and never apply an AC mains to the set directly. The AC-DC adaptor operates on an AC mains supply, the voltage is as indicated on the label of the AC-DC adaptor.

- a. Connect the DC plug of the AC-DC adaptor to the 18V DC socket of the set.
- b. Connect the AC-DC adaptor and its power cord.
- c. Connect the power cord to an AC mains.

In the event of thunderstorms or power cuts, please pull out the mains plug of the 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 monitor where the power cord is subject to damage.

Warning

To prevent fire or 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.

Service

Never remove the back cover of the set as this can expose you to high voltage and other hazards. If the set does not operate properly, unplug it and call your dealer.

Location

Position your set so that no bright or sunlight falls directly onto the screen. 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. When you install the set to use the wall mounting bracket (optional Part), fix it carefully so as not to drop.

Cleaning

Unplug the set before cleaning the face of the LCD screen. Dust the set by wiping the screen and the cabinet with a soft clean cloth. If the screen requires additional cleaning, use a clean, damp cloth. Do not use liquid cleaners or aerosol cleaners.



Location and function of controls

All the functions can be controlled with the remote control handset. Some functions can be adjusted with the buttons on the control panel of the set.

Remote control handset



Remote control handset

Before you use the remote control handset, please input the batteries. See the next page.

1. Red button on the top (Power)
Switch the set on from standby or off to standby.
 2.  (Mute)
Switch the sound on or off.
 3. NUMBER BUTTONS
Switch the set on from standby and selects a program or
Change the channel.
 4. -/-- (ONE/TWO/THREE-DIGIT)
One/two/three-digit channel selection.
 5.  (Flash back)
Return to previous TV channel.
 6. 
Switch the input source.
 7.  /  (program Up/Down)
Increase and decrease TV channel.
Select a program or a menu.
 /  (Volume Up/Down)
Adjust the volume.
Adjust menu settings.
- MENU**
Select a menu.
8. ON/OFF
Switch on or off.

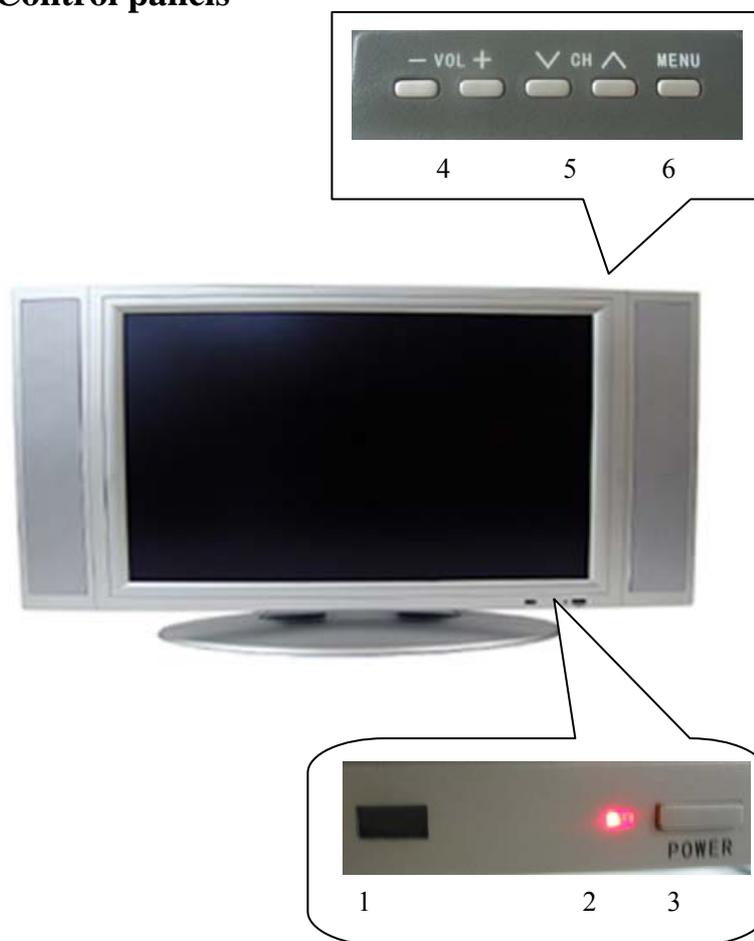
Note: The buttons undefined above will define later.

Battery installation

The remote control handset is powered by two AAA/Alkaline type batteries. To load the batteries, turn the remote Control handset over and open the battery compartment. Install two

batteries as indicated by the polarity symbols (⊕ and ⊖) marked inside the compartment.

Control panels



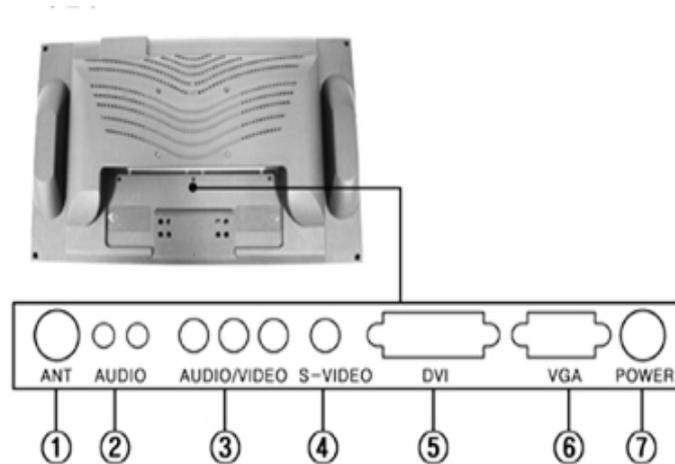
1. REMOTE CONTROL SENSOR.
2. POWER INDICATOR
Illuminate red in standby mode, illuminate blue when the monitor is turned on.
3. POWER SWITCH.
Switch the set on from standby.
4. VOLUME UP/DOWN
Adjust the volume.
Adjust menu settings.
5. PROGRAMME UP/DOWN
Increase and decrease TV channel.
Move to other menu on the main menu
6. MENU
Select a program or a menu.

Using the buttons on the panel

If the remote control no longer works or you have lost it, you can use control buttons on the panel of the TV to:

1. Switch on the TV when it is in standby mode and select channels (< CH >).
2. Access the local menu (MENU).
3. Adjust the volume (- VOL +).

Connection panels



Connection to external equipment

Connection to an aerial or cable television

1. Connect the aerial or network input cable to the coaxial socket on the rear of the set.
2. Or you can connect the aerial cable to the RF aerial in socket of the VCR, and connect the RF out socket of the VCR to the aerial socket of the set.

Audio/Video in sockets

Connect the audio/video out sockets of the VCR to audio video

in sockets of the set.

S-Video/Audio in sockets(S-Video)

When connecting an S-VIDEO socket, the picture quality will be further improved.

1. Connect the S-Video socket of the VCR to the S-Video socket of the set.
2. Connect the audio cable from the S-VIDEO VCR to the AUDIO socket of the set.
3. Select S-Video by remote control or control panel.

Audio output socket

Insert the headphone plug to the audio output socket of the set, you can listen the sound through the headphone. Or you can connect a sub-woofer to the socket, to adjust the volume, press the ◀ / ▶ button. If you press MUTE button, the sound from headphone, TV speaker or sub-woofer are switched off.

Basic operation

On and off

1. Press the power button to switch the set on.
2. Press the power button to revert to standby mode.
3. Pull out DC input or the mains plug of the adaptor to switch the set off.

Select input source

1. Press **MENU** button, then ▲ / ▼ button to select input source menu.
2. Press ▶ button to go to current input source.

3. Press ▲ / ▼ button to select an input source, then press ◀ / ▶ button to change to the selected input source.
4. Or you can press ▶ button to select an input source.

Input Source Menu



TV	Select TV signal.
AV	Select video signal.
SVIDEO	Select signal from S-Video terminal.
VGA	Select signal from VGA (15-PIN D-SUB) jack
DVI	Select signal from DVI jack.

Select menu language

1. Press **MENU** button, then ▲ / ▼ button to select “Function” menu.
2. Press ▶ button, then press ▲ / ▼ button to select **Language**.
3. Press ◀ / ▶ button to select your desired language.

Function Menu



Change ON SCREEN MENU position

1. Press **MENU** button, then ▲ / ▼ button to select “Function” menu.
2. Press ► button to **OSD**.
3. Press ◀ / ▶ to change ON SCREEN MENU position.

Factory Restore

1. Press **MENU** button, then ▲ / ▼ button to select “Function” menu.
2. Press ► button to **Factory Restore**.
3. Press ◀ / ▶ to restore the factory settings.

Program selection

Preset to the TV mode by ► button or by input source select

menu. Then you can select a program with the ▲ / ▼ or number buttons.

Volume adjustment

Press ◀ / ▶ button to adjust the volume.

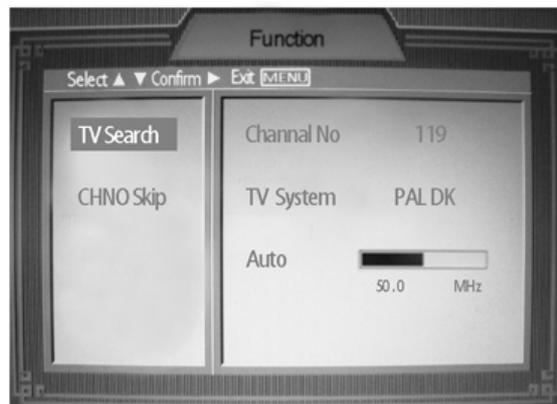
Mute function

Press the mute button , the sound is switch off. You can cancel it by pressing  or ◀ / ▶ button.

Setting the channels

Up to 256 TV stations can be stored by program numbers (0 to 255). Once you have preset the stations, you will be able to use the ▲ / ▼ or NUMBER buttons to scan the stations you have programmed. Stations can be tuned using automatic or manual modes.

TV Search Menu



Automatic storing of channels

All stations that can be received are stored by this method. It is recommended that you use auto program during installation of the set.

1. Press ► button to switch the input source to **TV**.
2. Repeatedly press the **MENU** button twice to select the **TV Search** menu.
3. Press the ► button and then ▲ / ▼ button to select **Auto**.
4. Press the ► button to begin auto search of channels. The search will end automatically. Channels are sorted and stored in an order which reflects their position in the frequency range, (with lowest first and highest last). Then programme 0 is displayed.
*To stop auto search, press the **MENU** button.
5. When the channels have been stored, you can:
 - a. Reset them in the order required.
 - b. Fine-tune channel reception if necessary.

Reset the stored channels (Old version)

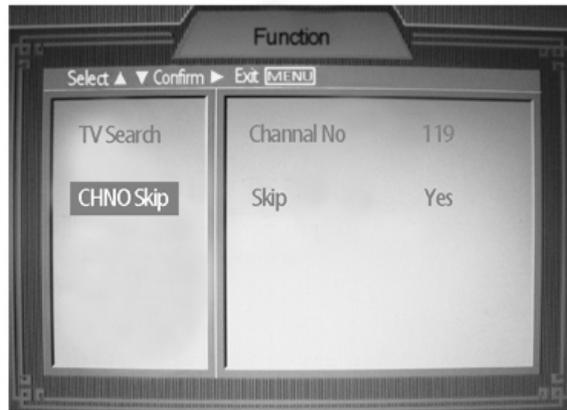
The channel reset operation allows you to change the program numbers of stored channels.

1. Repeatedly press the **MENU** button twice to enter the **TV Search** menu. Press ▲ / ▼ to select **CHNO Reset** Menu.
2. Press ► to select **Old CHNO**, and press the ◀ / ▶ button

to select the channel number you want to reset.

3. Press ▲ / ▼ button to select **New CHNO** , and Press ◀ / ▶ button to select a number you want to change the old channel number to.
4. Press ▲ / ▼ button to select **Confirm** and press ◀ / ▶ to select **YES** to confirm the change.
5. Repeat Steps 2 to 4, you can move all the channels to the required order.

CHNO Skip menu

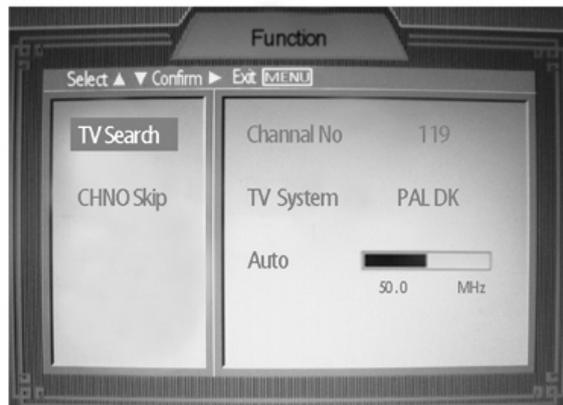


Skip channel numbers

1. Repeatedly press the **MENU** button twice to enter the TV Search menu. Press ▲ / ▼ to select **CHNO Skip** Menu.
2. Press ▶ to select **Channel NO**, and press the ◀ / ▶ button to select the channel number you want to skip.
3. Press ▲ / ▼ button to select **Skip** and press ◀ / ▶ to select **YES** to confirm the skip.

4. Repeat Step 2 to 3, you can skip the unwanted channels.

TV Search Menu



Manual storing of channels

Manual program lets you manually tune and arrange the stations in whatever order you desired.

1. Repeatedly press the **MENU** button to select the **TV Search** menu.
2. Press **►** button to select **Channel NO**, press **◀ / ►** button to select a channel number.
3. Press **▲ / ▼** button to select **TV System**, and press **◀ / ►** to select a TV System. (NTSC M, SECAM L, SECAML1, SECAM DK, SECAM BG, PAL DK, PAL BG, PAL I).

Setting the picture

Changing the picture mode

You can use your remote control to select the type of picture which best corresponds to your viewing requirements. The following picture effects are available:

BRIGHT, SOFT, STANDARD, USER.

Picture Setting Menu



Adjusting the picture settings

Your TV has several settings which allow you to control picture quality:

Brightness, Contrast, Saturation, Sharpness, Hue

1. Press **MENU** button to enter picture settings menu.
2. Press **▶** button to select **Brightness**, and press **◀ / ▶** to adjust brightness.

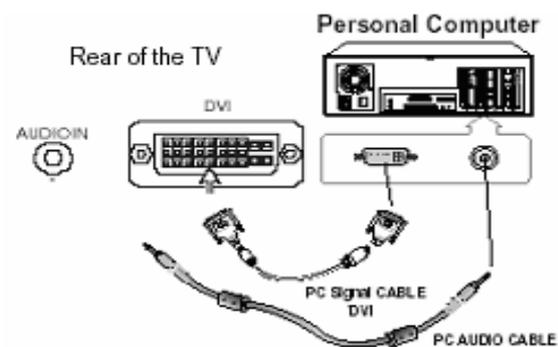
3. Press ▲ / ▼ to select **Contrast**, and press ◀ / ▶ to adjust contrast.
4. Adjusting saturation and sharpness is the same as adjusting contrast.
5. When you are satisfied with the settings, press the **MENU** button repeatedly to return to normal viewing.

Setting the PC

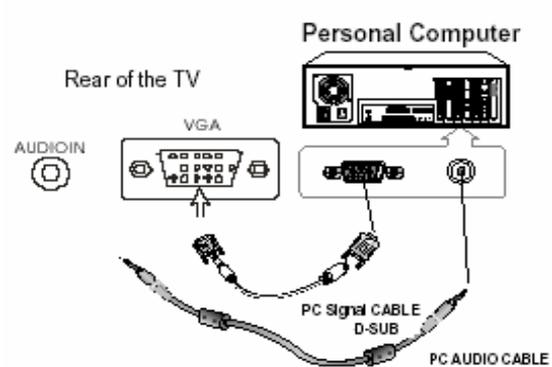
Connecting to the PC input

The PC connectors are used for interfacing with your PC.

DVI 24+6 PIN (Digital)



D-SUB 15 PIN (Analog)



Geometry Menu



Changing the screen position

Preset to the PC mode by ► button or by input source menu.

1. Press the **MENU** button to select picture setting menu, and press ▲ / ▼ to select “Geometry” menu.
2. Press ► button and then ▲ / ▼ to select the item you want to adjust.
3. Press ◀ / ▶ to adjust the settings.

Changing the screen color setting

1. Press the **MENU** button to select picture setting menu, and press ▲ / ▼ to select “Function” menu.
2. Press ► button and then ▲ / ▼ to select **Color Temp.**
3. Press ◀ / ▶ to select the color settings (**Warm, Standard,**

Cool).

4. Press the **MENU** repeatedly to return to normal viewing.

Function Menu



FAQ (Trouble shooting)

1. No image, no LED display.
Check the power supply of TV, such as AC-DC adapter, AC inlet, DC plug.
2. No image, LED is orange.
Check if there is input signal, or if TV is at standby status.
4. Image position is abnormal
Do the "Auto Config", or manually adjust the image position.
5. There are "water wave", "twinkling point", or incorrect colors on the screen
Check the cable of input signal source and the quality of the

sources.

6. The volume of speaker is too small or noisy
Increase the volume by adjusting the ON SCREEN MENU.
Check the sound source quality.
7. No sound
Check whether the sound is mute or not.
8. The TV image is not clear
Check the RF antenna quality, and antenna connection to the TV. Try the manual TV search function. Generally, the image quality of cable TV is better than outdoor antenna.

U.S. FCC CLASS B NOTICE

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, if it is not installed or used by the instructions, it 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, that could be determined by tuning the equipment on and off, the user is encouraged to try to connect the interference with the following option:

- Re-orient or relocate the reception of antenna.
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected to.
- Consult the dealer or an experienced Radio / Television technician for help.

NOTE: The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to equipment.

Such modifications could void the user's authority to operate the equipment