GRANVUE

User's Manual

15.1" TFT LCD Monitor TV

ET-1501T

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15.1" TFT LCD Monitor TV

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Safety instructions

Before connecting the AC power cord to the DC adapter outlet, make sure the voltage designation of the DC adapter corresponds to the local electrical supply. Never insert anything metallic into the cabinet openings of the Liquid Crystal Display (LCD) monitor: doing so may create the danger of electric shock.

To avoid electric shock, never touch the inside of the LCD monitor. Only a qualified technician should open the case of the LCD monitor.

Never use your LCD monitor if the power cord has been damaged. Do not allow anything to rest on the power cord, and keep the cord away from areas where people can trip over it.

Be sure to hold the plug, not the cord, when disconnecting the LCD monitor from an electric socket.

Openings in the LCD monitor cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered. Also, avoid using the LCD monitor on a bed, sofa, rug, or other soft surface. Doing so may block the ventilation openings in the bottom of the cabinet. If you put the LCD monitor in a bookcase or some other enclosed space, be sure to provide adequate ventilation. Put your LCD monitor in a location with low humidity and a minimum of dust.

Do not expose the LCD monitor to rain or use it near water (in kitchen, near swimming pool, etc.). If the LCD monitor accidentally gets wet, unplug it and contact an authorized dealer immediately. You can clean the LCD monitor with a damp cloth when necessary, but be sure to unplug the LCD monitor first.

Place the LCD monitor on a solid surface and treat it carefully. The screen is made of thin glass with a plastic front surface and be damaged if dropped, hit or scratched. Do not clean the front panel with keton-type materials (e.g., acetone), ethyl alcohol, toluene, ethylacid, methyl, or chloride - these may damage the panel.

Locate your LCD monitor near an easily accessible AC outlet.



CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Regulatory information

European notice

products with the CE Marking comply with both the EMC Directive (89/336/EEC),(93/68/ECC) and the Low Voltage Directive(72/23/ECC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms:

- EN55022:1998-Radio Frequency Interference
- EN55024:1998-Electromagnetic Immunity
- EN61000-3-2:1995 + A1 + A2 Power Line Harmonics
- EN61000-3-3:1995 Voltage Fluctuations
- EN60950-Product Safety

FCC information

User Instructions

The Federal Communications Radio Frequency Interference Statement includes the following warning:

NOTE: This equipment has been tested and found to comply with limits for a Class B digital devices, 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 communication. 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 receptions, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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 of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

User information

Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If necessary, consult your dealer or an experienced radio/TV technician for additional suggestions. You may find the booklet called How to Identify and Resolve Radio/TV Interference Problems helpful. This booklet was prepared by the Federal

General safety precautions

This Monitor has been engineered and manufactured to assure your safety. You can prevent serious electrical shock and other hazards by keeping in mind the following:



Do not place anything heavy, wet or magnetic on the monitor or the power cord. Never cover the ventilation openings with any material and never touch them with metallic or inflammable materials.



Avoid operating the monitor in extreme heat, humidity or areas affected by dust.

Temperature : 5~35°C

Humidity: 30~80RH



Be sure to turn the monitor off before plugging the power cord into the socket. Make sure that the power cord and the other cords are securely and correctly connected.



Overloaded AC outlets and extension cords are dangerous, as are frayed power cords and broken plugs, which may cause electric shock or fire. Call your service technician for replacement.



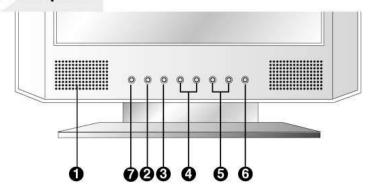
Do not use sharp tools such as a pin or a pencil near the monitor, as they may scratch the LCD surface.



Do not use a solvent, such s benzene, to clean the monitor, as it will damage the LCD surface.

Parts description

Front panel



- 1 SPEAKER
- 2 SELECT
 Select input signal or select subment

Select input signal or select submenu of the on-screen menu.

6 MENU

Display to main on-screen menu. Exit from sub-menu.

4 VOL ____VOL _ _

Press to increase or decrease the volume. Also used to increase or reduce the value of a menu option.

(3) CH□ CH□□

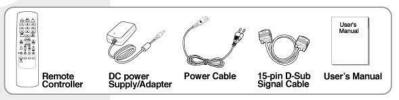
Press CH▼ or CH▲ to change channels. Also used to highlight selections on the on-screen menus.

6 POWER

Switches the Set off (standby made) and on.

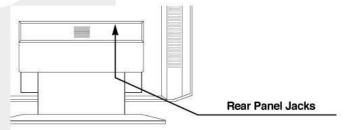
REMOTE CONTROLLER SENSOR

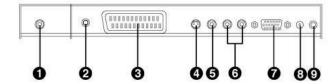
Accessory



Parts description

Rear panel



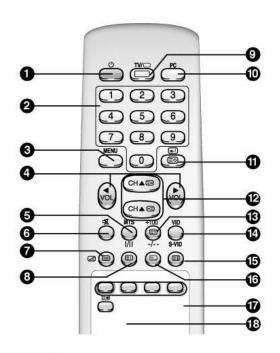


- VHF/UHF ANTENNA JACK
 - Connect to an antenna or a cable TV system.
- **2** HEAD-PHONE jack Head-phone connector
- SCART (PAL Model) SCART audio/video connector.
- 4 S-VIDEO IN S-Video signal from an S-VHS VCR or laserdisc player.
- VIDEO INPUT Video signals from VCR or similar device.

- (A AUDIO INPUT
 - Audio signals from VCR or similar device
- PC VIDEO INPUT
 Used to connect a video signal from a personal computer
- POWER jack
- To input DC power from power outlet,.
- PC AUDIO INPUT

Connects to the sound-output port of a personal computer.

Remote control unit (Teletext function is optional)



Inserting the batteries in the remote controller

You must insert or replace the batteries in the remote controller when you:

Purchase the set.

Find that the remote controller is no longer operating correctly.



Remote control unit (Teletext Function is optional)

1 POWER

Turns the set On and Off.

2 Numeric buttons

Direct channel select. Direct page select during teletext display(option)

- MENU
 Displays 'On Screen Menu.
- 4 VOL VOL D

Press to increase or decrease the volume. Also used to make selections on the on-screen menus.

- 6 I / II (MTS)
 Press to choose stereo, dual or mono.
- 6 MUTE
 Press to temporarily cut off the sound.
- 7 TELETEXT MIX ()/ ()
 Display teletext or mix with TV screen.(Option)
- ③ INFORMATION / ⑤? Display teletext information.(Option)
- Select TV signal.
 Teletext Off(Option)
- PC
 Select PC signal.

⑥ Select / Store 🖾

Select submenu of the on-screen menu. Store teletext page (Option)

(P) CH□,ICH□ Z(S), (E)

Press CH▼ or CH▲ to change channels. Also used to highlight selections on the on-screen menus. Select the channel providing the teletext

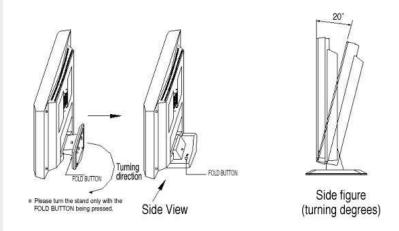
- -/-- (+100) / REVEAL (Press to select channels over 100 or one/two digit channel selection.

 Select hidden content during teletext display (Option)
- Press to display all of the available video sources (i.e., VIDEO, SVIDEO, PC and Antenna).
- Hold Function during teletext display (Option)
- FAST TEXT
 Directly access teletext linked page.
- (18) SUB-PAGE (19)
 To display a secondary page.

The use of stand and Fixing

When you Use On the Normal Desk

Please turn the stand only with the FOLD BUTTON being pressed.



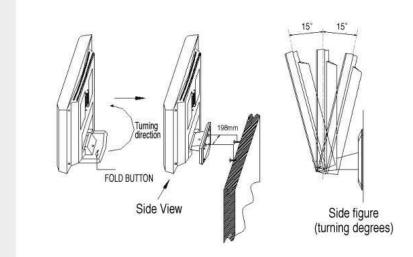
- 1 On the normal desk, please press the FOLD BUTTON and then turn the stand up to 90 degrees.
- **2** Fix the screen to the preferred degrees(The turning degrees and from 0° to 20°

10

The use of stand and Fixing

When you Install On the Wall With the Stand

Please turn the stand only with the FOLD BUTTON being pressed.

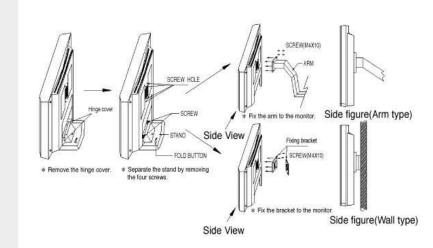


- 1 Turn the stand up to 90 degrees with the FOLD BUTTON being pressed.
- 2 Drive down two screws on the wall or hard fixture with 198mm width.
- 3 Hook up the stand to the two screws and fix it firmly.
- Fix the screen to the preferred degrees (The turning degrees are from -15° to +15°)

The use of stand and Fixing

When you Install with the Arm and On the Wall without the stand

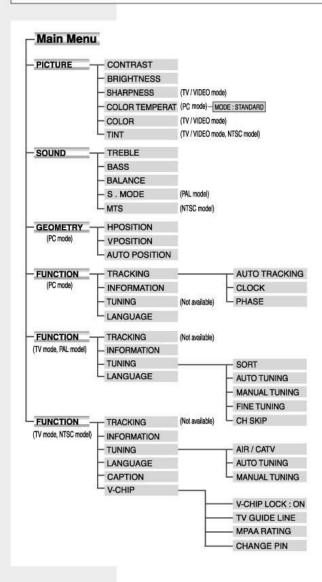
Separate the stand by removing the four screws.



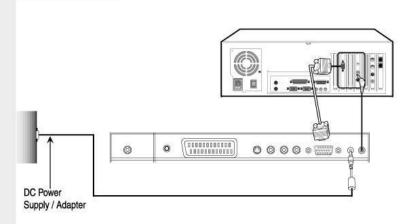
- Remove the hinge cover.
- 2 Separate the stand by removing the four screws.
- 3 Check the arm or the bracket and fix the monitor with the four screws.

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Menu tree



Connecting a PC

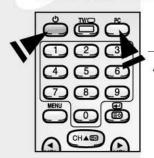


- Turn off your computer and monitor
- 2 Connect a PC D-Sub cable between your PC and PC-VIDEO-IN of the monitor. And then fasten the screws of both sides of the cable.
- Connect a PC Audio Cable between the Sound Output jack of the sound card on a PC and the PC-AUDIO-IN of the monitor.
- 4 Connect a DC Power unit cable to the Power jack on the rear of your monitor. And connect a power cable to the DC Power unit before connecting to a power outlet.
- Power on the computer before turning on the monitor.

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Viewing a PC screen

Initial set PC mode

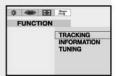


- 1 Power on your monitor by pressing the **POWER** button on the main set or the remote controller.
- 2 Use the PC button on the remote controller to switch to the PC mode.

Then the PC screen is automatically set. When a CD-Title runs, the music is output from speakers.

(You can use an external speaker via the Audio Output jack on the rear of the main set.)

When the picture is unstable



- Press the MENU button and the PICTURE menu is displayed.
- 2 Use the VOL ✓ or VOL ▶ button to move to the Function menu.
- AUTO TRACKING CLOCK PHASE
 - AUTO TRACKING PROCESSING...
- 3 Use the CH▼ or CH▲ button to move to TRACKING, then press the SEL button. Then, the TRACKING menu will be displayed.
- 4 Move to Auto Tracking, then press the Select button. Then, the message "AUTO TRACKING PROCESSING..." appears on the screen to stabilize the screen.
- 5 Press the MENU button repeatedly until the menus disappear.

Viewing a PC screen

Adjusting the picture settings

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

. CONTRAST, BRIGHTNESS, COLOR TEMPERATURE



CONTRAST

- 1 Press the MENU button.
 - Result: The PICTURE menu is displayed.
- 2 Use the CH ▼ or CH ▲ buttons to select one of the following options:

CONTRAST BRIGHTNESS COLOR TEMPERATURE

- 3 Press the SEL button.
- - · CONTRAST :

Adjust the brightness and darkness between objects and back grounds.

· BRIGHTNESS :

Adjust the overall of the screen brighter or darker.

· COLOR TEMPERATURE :

The tone of color can be changed from redish white to bluish white. The individual color components are also user customizable.

6500K	STANDARD	9300K	USER	RESET
Redish white	Plain white	Bluish white	User coustomizable	Factory default value

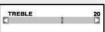
Press the MENU button repeatedly until the menus disappear.

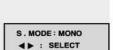
Viewing a PC screen

Adjusting the sound settings

The sound settings can be adjusted to suit your personal preference : TREBLE, BASS, BALANCE, S.MODE







S. MODE: STEREO

- Press the MENU button.
 Result: The PICTURE menu is displayed.
- 3 Use the CH ▼ or CH ▲ buttons to select one of the following options:
 TREBLE

BASS BALANCE S.MODE

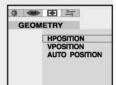
- 4 Press the SEL button.
- - ·S.MODE / MTS: To select STEREO or MONO

6 Press the MENU button repeatedly until the menus disappear.

Viewing a PC screen

Adjusting the geometry settings

The geometry settings can be adjusted to center your viewing screen.



- 1 Press the MENU button.
 Result: The PICTURE menu is displayed.
- 2 Use the VOL ◀ , VOL ▶ buttons to move the GEOMETRY menu.
- 3 Use the CH ▼ or CH ▲ buttons to select one of the following options: HPOSITION VPOSITION AUTO POSITION
- Press the SEL button.



- Fress the VOL ◆ or VOL ➤ buttons to adjust the position of screen.
 - If the position of screen is horizontally off-centered, use H-POSITION.
 - If the position of screen is vertically off-centered, use V-POSITION.

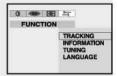
Use the **AUTO POSITION** to position the screen to be **horizontally** and **vertically** centered automatically.

6 Press the MENU button repeatedly until the menus disappear.

Viewing a PC screen

PC stable adjustment

When the screen is unstable in PC settings, or to make your PC stable by adjusting the Clock and Phase, set the PC in the following sequence:



1 Press the MENU button.

Result: The PICTURE menu is displayed.



AUTO TRACKING

PROCESSING. . .

CLOCK

3 Use the CH ▼ button move to TRACKING and then press the SEL button.

Result: The TRACKING menu is displayed.

4 Use the CH ▼ or CH ▲ buttons to select one of the following options:

AUTO TRACKING CLOCK PHASE

5 To adjust the..
AUTO TRACKING

Press the...
SEL button.

CLOCK

VOL ◀ or VOL ▶ button.

SE VOL ◀ or VOL ▶ button.

AUTO TRACKING: Automatically optimizes the status of screen.

This is recommended to perform for

new PC.

· CLOCK :

Adjusts the horizontal size of screen

by increasing / decreasing the

number of pixels.

PHASE: Sets the focus of screen.

Adjusts when some noise exists or

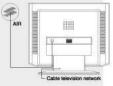
the character lines are seen

overlapped.

7 Press the MENU button repeatedly until the menus disappear.

Connecting to watch TV or VCR

Connecting the aerial or cable television network

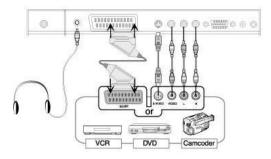


To view television channels correctly, a signal must be received by the set from one of following sources:

- · An outdoor aerial
- · An indoor aerial (not recommendable)
- · A cable television network
- In the first three cases, connect the aerial or network input cable to the 75 ohm coaxial socket on the bottom of the television.
- 2. Press the TV mode button on the remote controller.

Connecting the VCR, DVD or other external devices

- Connect video and audio cable according to the shape and color of the video / audio cable. (SCART jack, RCA jacks)
 - When an external devices is in MONO, the audio connection cable can be connected to either the left and S.MODE/MTS should be set FM MONO/MONO.
- 2. For optimal visual image, use S-VIDEO connector instead of video (yellow) connector.
 - If RCA jack is connected together with SCART jack, RCA jack has priority.



Viewing a TV/VCR screen

Adjusting the picture settings

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

CONTRAST, BRIGHTNESS, SHARPNESS, COLOR, TINT



- 1 Press the MENU button.
 Result: The PICTURE menu is displayed.
- 2 Use the CH▼ or CH▲ buttons to select one of the following options:

CONTRAST BRIGHTNESS SHARPNESS COLOR TINT (NTSC model)



- ? Press the SEL button.
- 4 Press the VOL ■ or VOL ■ buttons to suit your personal preference.
- Press the MENU button repeatedly until the menus disappear.

Viewing a TV/VCR screen

Adjusting the sound settings

The sound settings can be adjusted to suit your personal preference: TREBLE, BASS, BALANCE, S.MODE / MTS



- 1 Press the MENU button. Result: The PICTURE menu is displayed.
- 2 Use the VOL ◀, VOL ▶ buttons to move the SOUND menu.
- 3 Use the CH▼ or CH▲ buttons to select one of the following options:

TREBLE BASS BALANCE S.MODE (PAL model) MTS (NTSC model)







- 4 Press the SEL button.
- Fress the VOL or VOL buttons to suit your personal preference.
 - · S.MODE: Describe below (PAL model)

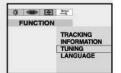
	Type of broadcast	On-screen Indication		
NICAM Stereo	Regular broadcast (Standard audio)	Mono (Normal use)		
	Regular + NICAM Mono	Mono → Mono Nicam (Normal)		
	NICAM Stereo	Stereo Mono Nicam (Normal)		
	NICAM Dual-I/II	Dual-I Dual-II Mono Nicam Nicam (Normal)		
A2 Stereo	Regular broadcast (Standard audio)	Mono (Normal use)		
	Bilingual or Dual-I/II	Dual-II		
	Stereo	Stereo → Mono (Forced Mono		

- MTS: To select STEREO, SAP or MONO (NTSC model)
- 6 Press the MENU button repeatedly until the menus disappear.

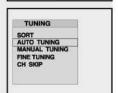
Channel memory (PAL model)

Storing the channels automatically

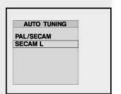
You can scan the frequency ranges available on your television in your country and store all the channels found automatically. The channels are stored in the order in which they appear in the frequency bands. It is possible that the automatically allocated numbers may not correspond to those by which you wish to identify the channels. If this is the case, you can then sort them manually.



- 1 Press the MENU button.
 Result: The PICTURE menu is displayed.



- Press the CH▼ button to place the selection bar on the TUNING mode. And press the SEL button.
- Press the CH▼ button to place the selection bar on the AUTO TUNING and press the SEL button.
 Result: The AUTO TUNING menu is displayed.



Press the CH▼ or CH▼ button to place the selection bar on the PAL/SECAM or SECAM L and Press the SEL button.

Result: The AUTO TUNING will store found channel automatically. While the AUTO TUNING is progressing, the TV will change channels up to 99. When searching and storing is completed, the SORT menu is displayed. User can exchange favorite channels to prefered channel number.

Note!: If the SECAM-L is selected, all of SECAM-L system and PAL/SECAM system channels will be stored and if the PAL/SECAM is selected, only PAL/SECAM system channels will be stored

Channel memory (PAL model)



- Press the CH▼ button to place the selection bar on the TO option. Press the VOL

 or VOL

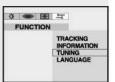
 until the new number by which you wish to identify the channel is displayed.
- When searching and storing is complete, press the MENU button repeatedly until the menus disappear.

Channel memory (PAL model)

Storing the channel manually

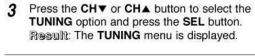
When storing channels manually, you can choose whether or not store each of the channels found.

The number by which you wish to identify each stored channel.



1 Press the MENU button.
Result: The PICTURE menu is displayed.

2 Use the VOL ✓ or VOL ➤ buttons to move the FUNCTION menu.



Press the CH▼ button to place the selection bar on the MANUAL TUNING and press the SEL button.

Result: The MANUAL TUNING menu is displayed.

Press the CH▼ or CH▲ button to place the selection bar on the COLOR and press VOL ◀ or VOL▶ button repeatedly until the COLOR is of the best quality.

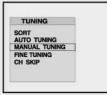
Result: The COLOR system is changed.
PAL -> SECAM -> AUTO

6 Press the CH▼ button to place the selection bar on the SOUND and press VOL ◀or VOL ► button repeatedly until the SOUND is of the best quality.

Result: The SOUND system is changed.

BG -> DK -> I -> L

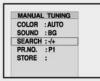
Note!: If the L is selected, SECAM-L system channels will be stored.

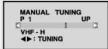


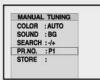
MANUAL TUNING
COLOR : AUTO
SOUND : BG
SEARCH : -/+
PR.NO. : P1
STORE :



Channel memory (PAL model)









Press the CH▼ button to place the selection bar on the SEARCH and press VOL ◀ or VOL ▶ button to start the search.

Note!: If the VOL ◀ button is pressed, down search is executed and if VOL ▶ button is pressed, up search is executed.

8 Press the CH▼ to place the selection bar on the PR. NO. and press VOL ◀ or VOL ▶ button to change the favorite PR. NO.

9 Press the CH▼ to place the selection bar on the STORE and press VOL or VOL button to store the current tuned channel

Result: The current channel is stored and displayed "STORE: O.K".

10 Repeat steps 7~9 for each channel to be stored.

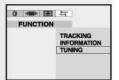
11 When you have finished manual storage, press the MENU button repeatedly to return to normal viewing.

Channel memory (PAL model)

Fine Tuning channel reception

If the reception is clear, you do not fine-tune the channel, as this is done automatically during the search and store operation.

If however the signal is weak or distored, you may have to fine-tune the channel manually.



- 1 Press the MENU button.
 Result: The PICTURE menu is displayed.
- 2 Use the VOL ✓ or VOL ▶ buttons to move the FUNCTION menu.



- Press the CH▼ or CH▲ button to select the TUNING option and press the SEL button.
 Result: The TUNING menu is displayed.
- 4 Press the CH▼ or CH▲ button to move the FINE TUNING and press the SEL button.



- When a channel is right viewed by using the VOL ✓ or VOL ► buttons, the Tuning is automatically set.
- 6 Press the MENU button repeatedly until the menus disappear.

Channel memory (PAL model)

Skipping unwanted channels

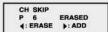
You can exclude the channels of your choice from the channel scan operation. When you scan through the stored channels, those you have chosen to skip are not displayed.



- 1 Press the MENU button.



- 3 Press the CH▼ or CH▲ button to select the TUNING option and press the SEL button.
 Result: The TUNING menu is displayed.
- 4 Press the CH▼ or CH▲ button to move the CH SKIP and press the SEL button.



- 5 Press the CH▼ or CH▲ button to select the required channel.

VOL ◀ : ERASE , VOL ▶ : ADD

7 Press the MENU button repeatedly until the menus disappear.