OWNER'S MANUAL

Palsonic

TFTV-201

20.1" TFT LCD Monitor TV

Palsonic Corporation Pty Ltd
1 Joynton Avenue
WATERLOO NSW 201 7 AUSTRALIA
Tel 61 2 93137111   Fax 61 293137555
www.palsonic.com.au
Customer Service - 1300 657 888

Contents

Congratulations on your purchase of this Palsonic Product.

We recommend that you thoroughly read this manual before use to fully enjoy the many functions and excellent features of this set.

Retain this manual in an easily accessible location for future reference.

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 authorised 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 ELECTRICAL SHOCK DO NOT OPEN	⚡
CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

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:
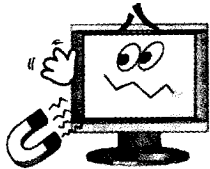
Do not place anything heavy, wet or magnetic on the monitor or the power cord. Never cover the ventilation openings with any material and never touch them with metallic or inflammable materials.
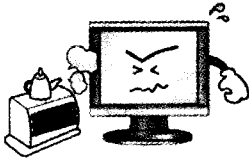
Avoid operating the monitor in extreme heat, humidity or areas affected by dust.
Temperature: 5-35°C   Humidity: 30~80RH
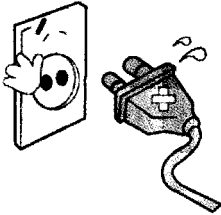
Be sure to turn the monitor off before plugging the power cord into the socket. Make sure that the power cord and the other cords are securely and correctly connected.
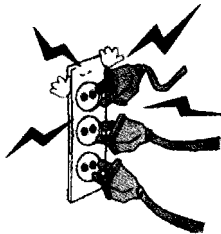
Overloaded AC outlets and extension cords are dangerous, as are frayed power cords and broken plugs, which may cause electric shock or fire. Call your service technician for replacement.
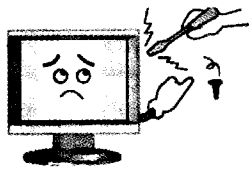
Do not use sharp tools such as a pin or a pencil near the monitor, as they may scratch the LCD surface.

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

Parts Description

Front Panel
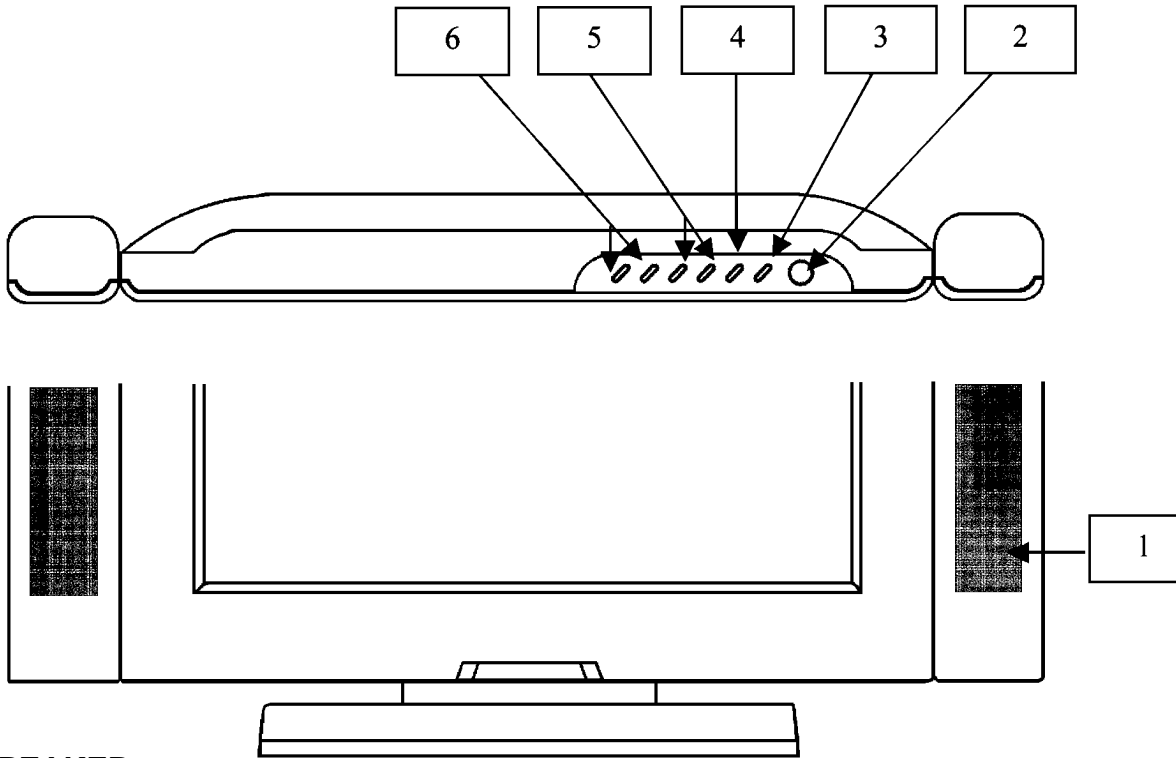
1. SPEAKER

2. POWER
switches the set off (stand-by mode) and on.

3. MENU
display the main on-screen menu. Exit from sub-menu.

4. SELECT
select input signal or select submenu of the on-screen menus.

5. Volume UP, Volume DOWN
adjust the volume. Also adjust the value of a menu option.

6. CH UP, CH DOWN
change channels. Also used to highlight selections on the on-screen menus.

Accessories

| Remote Controller | DC power Supply/Adapter | Power Cable | 15-pin D-Sub Signal Cable | User's Manual | Audio Cable | Frame Screw |

Parts Description

Rear Panel
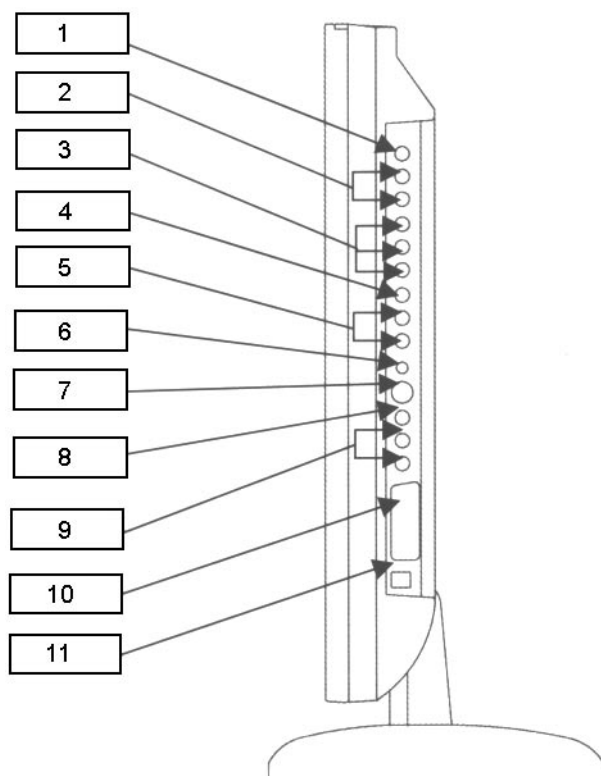
1. VIDEO OUTPUT

2. AUDIO OUTPUT
   connects to the audio input port of an additional device.
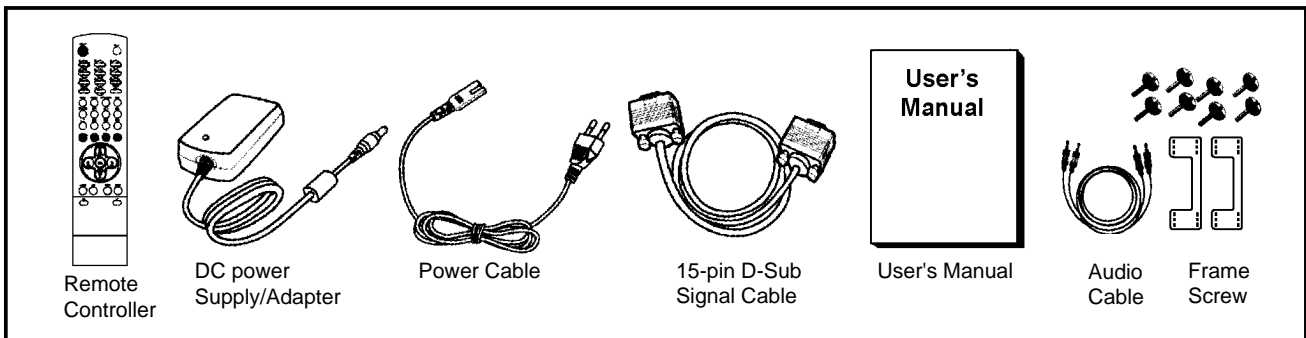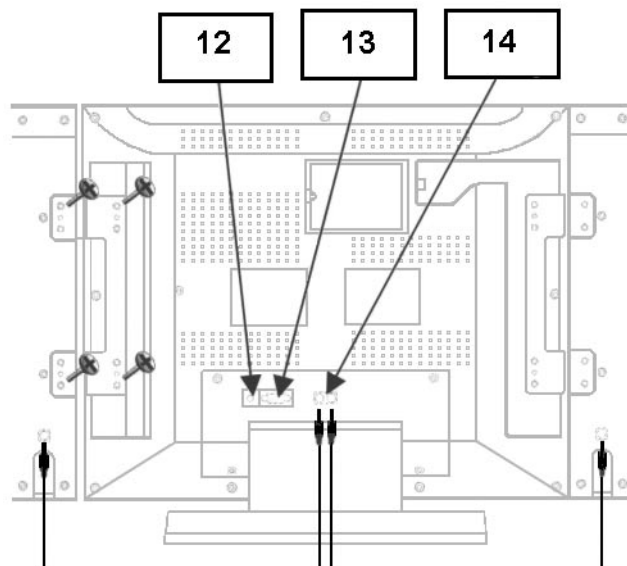
3. COMPONENT VIDEO INPUT
   Y, Cb, Cr (480i) video signals from DVD.

4. VIDEO 2 INPUT
   video signal from VCR or similar devices.

5. AUDIO 2 INPUT
   audio signals from VCR or similar device.

6. HEAD PHONE JACK

7. S-VIDEO IN
   S-Video signal from an S-VHS VCR or laser disc player.

8. VIDEO 1 INPUT
   video signals from VCR or similar device.

9. AUDIO 1 INPUT
   audio signals from VCR or similar device.

10. SCART (PAL System)
   SCART audio/video connector.

11. POWER Jack
   to input DC power from power outlet.

12. PC AUDIO INPUT
   connects to the sound-output port of a personal computer.

13. PC VIDEO INPUT
   used to connect a video signal from a personal computer.

14. SPEAKER OUTPUT
   To connect speaker.

Remote Control Unit

POWER
turns the TV On and Off.
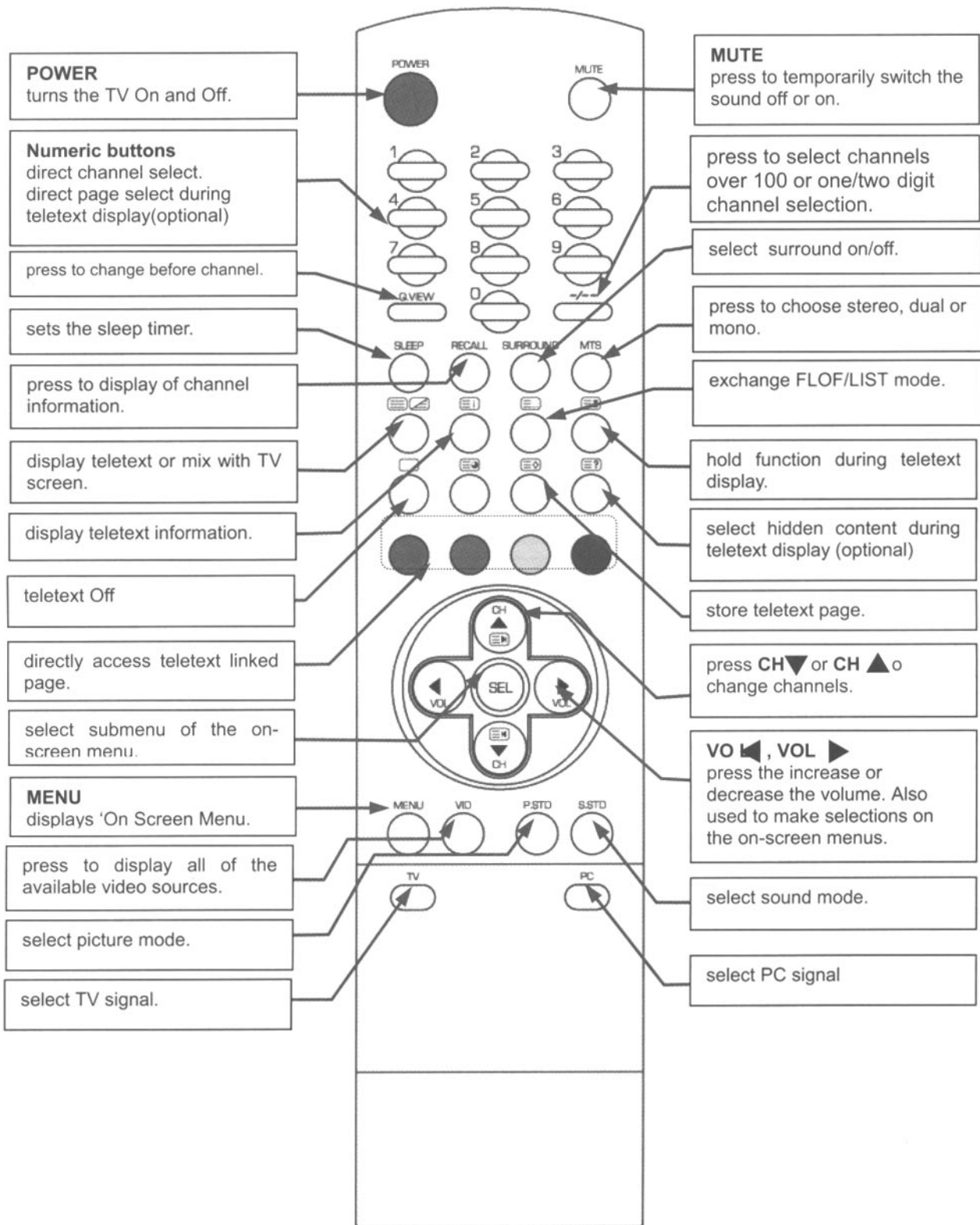
Numeric buttons
direct channel select.
direct page select during
teletext display(optional)

press to change before channel.

sets the sleep timer.

press to display of channel
information.

display teletext or mix with TV
screen.

display teletext information.

teletext Off

directly access teletext linked
page.

select submenu of the on-
screen menu.

MENU
displays 'On Screen Menu.

press to display all of the
available video sources.

select picture mode.

select TV signal.

MUTE
press to temporarily switch the
sound off or on.

press to select channels
over 100 or one/two digit
channel selection.

select surround on/off.

press to choose stereo, dual or
mono.

exchange FLOF/LIST mode.

hold function during teletext
display.

select hidden content during
teletext display (optional)

store teletext page.

press **CH▼** or **CH ▲** o
change channels.

VO ◀ , VOL ▶
press the increase or
decrease the volume. Also
used to make selections on
the on-screen menus.

select sound mode.

select PC signal

Inserting the Batteries in the Remote Controller

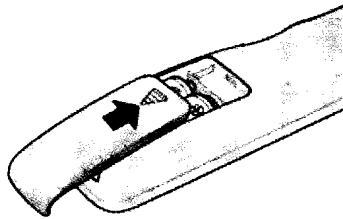You must insert or replace the batteries in the remote controller when you:
- Purchase the set.
- Find that the remote controller is no longer operating correctly.
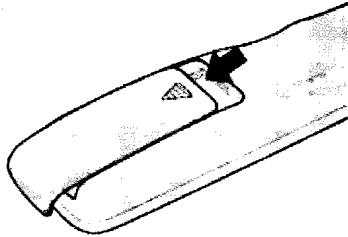
1   Remove the cover of the remote controller
by pressing the symbol and pulling
the cover space in the direction of the
arrow.
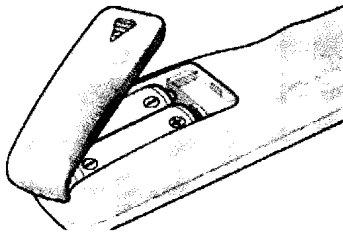
2   Insert 2 batteries (AAA size), Care about the polarities.

3   Replace the cover by pushing it in the
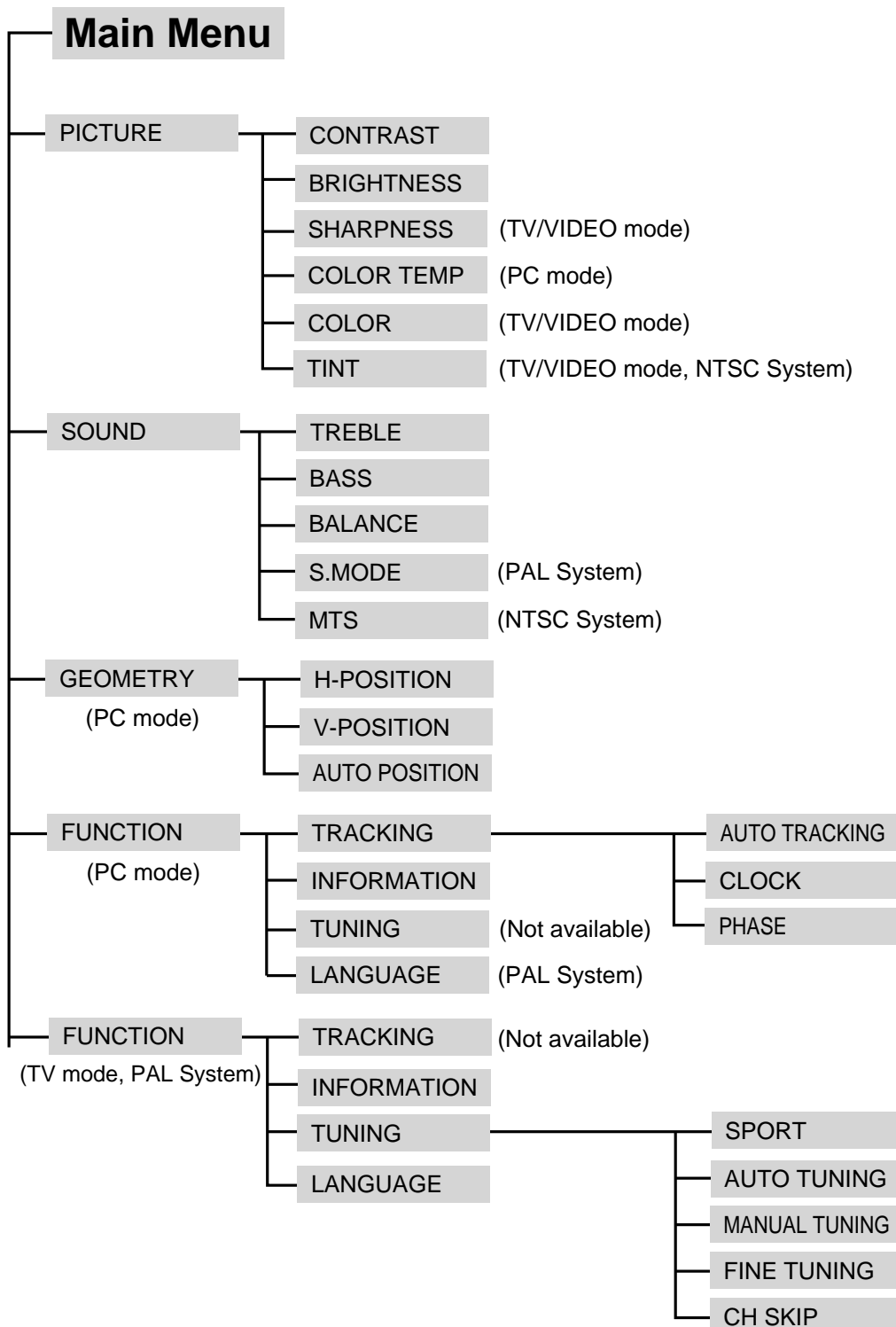direction of the arrow.

! You can use your remote controller within a distance of 7~10m and an angle of 30 degrees from the left and right sides of the remote controller receptor of your monitor.
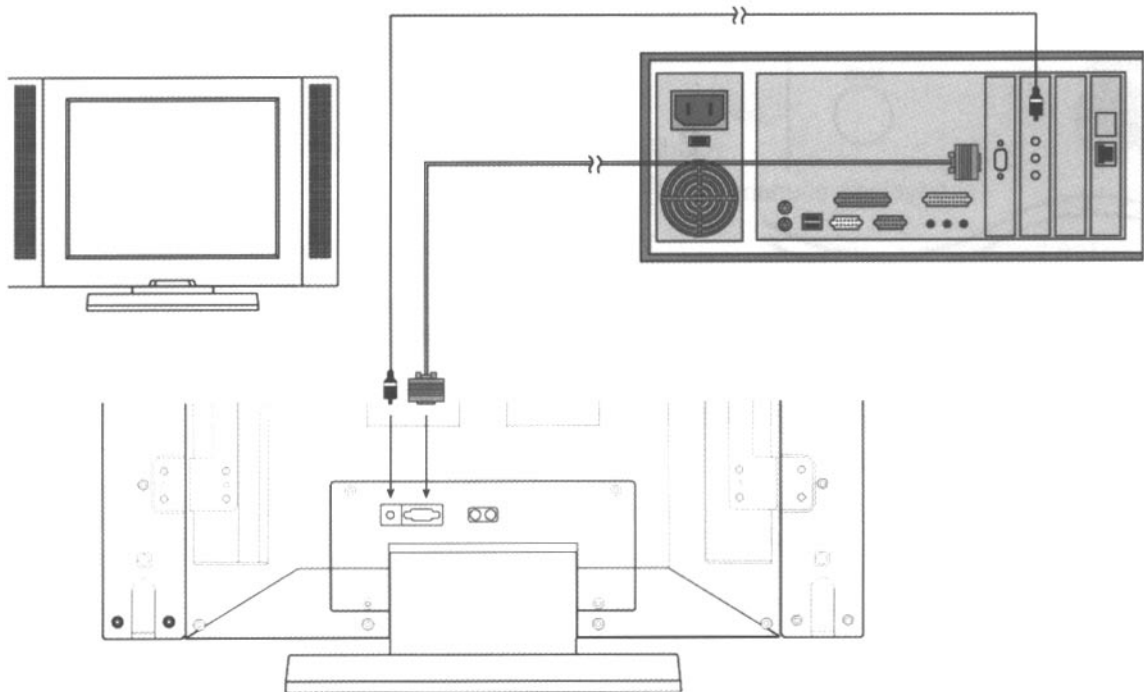
CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type
recommended by the manufacturer.

Menu Tree

Main Menu

PICTURE
- CONTRAST
- BRIGHTNESS
- SHARPNESS (TV/VIDEO mode)
- COLOR TEMP (PC mode)
- COLOR (TV/VIDEO mode)
- TINT (TV/VIDEO mode, NTSC System)

SOUND
- TREBLE
- BASS
- BALANCE
- S.MODE (PAL System)
- MTS (NTSC System)

GEOMETRY (PC mode)
- H-POSITION
- V-POSITION
- AUTO POSITION

FUNCTION (PC mode)
- TRACKING
  - AUTO TRACKING
  - CLOCK
  - PHASE
- INFORMATION
- TUNING (Not available)
- LANGUAGE (PAL System)

FUNCTION (TV mode, PAL System)
- TRACKING (Not available)
- INFORMATION
- TUNING
  - SPORT
  - AUTO TUNING
  - MANUAL TUNING
  - FINE TUNING
  - CH SKIP
- LANGUAGE

Connecting a PC

1 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.

3 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.

**5** Power on the computer before turning on the monitor.

Viewing a PC screen

Initial set PC mode
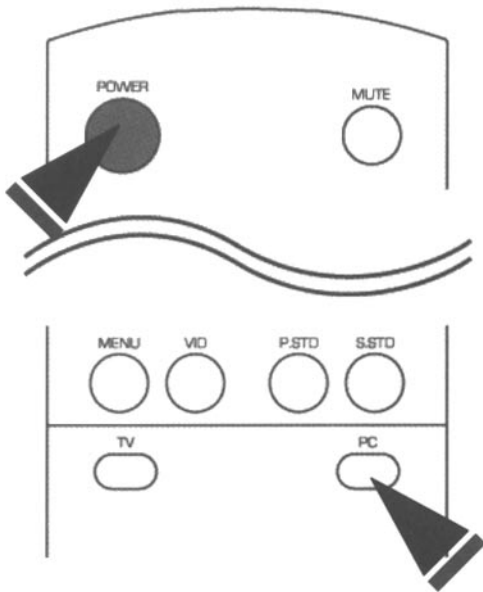
1 Power on your monitor by pressing the **POWER** button on the main set or on the remote controller.

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
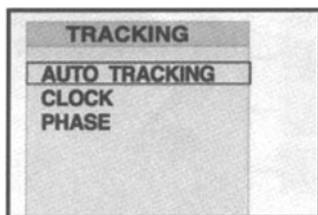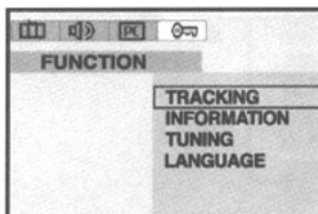
1 Press the **MENU** button and the **PICTURE** menu is displayed.

2 Use the **VOL ◄** or **VOL ►** button to move to the **FUNCTION** menu.

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 stabilise the screen.

5 Press the **MENU** button repeatedly until the menus disappear.

11

Viewing a PC screen

Adjusting the Picture Settings

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

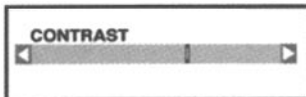● **CONTRAST, BRIGHTNESS, COLOUR TEMPERATURE**
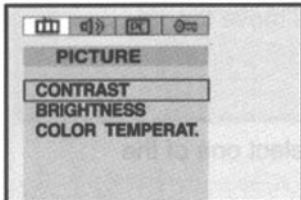
1 Press the **MENU** button.
Result : The **PICTURE** menu is displayed.

2 Use the **CH ▼** or **CH ▲** buttons to select one of the following options:
CONTRAST
BRIGHTNESS
COLOUR TEMPERATURE

3 Press the **SEL** button.

4 Press the **VOL ◄** or **VOL ►** buttons to suit your personal preference.

 ● **CONTRAST:**
 Adjust the brightness and darkness between objects and back grounds.

 ● **BRIGHTNESS**:
 Adjust the overall of the screen brighter or darker

 ● **COLOUR TEMPERATURE:**
 The tone of colour can be changed from reddish white to bluish white.

5 Press the **MENU** button repeatedly until the menus disappear.

12

Viewing a PC screen

Adjusting the Sound Settings

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

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

2
Use the **VOL◄** or **VOL ▶** buttons to move the SOUND menu.
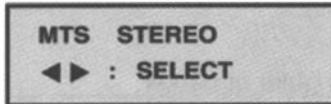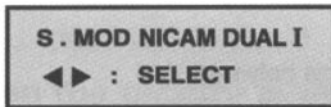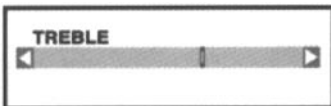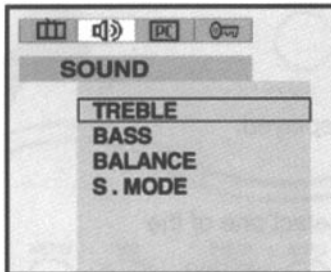
3 Use the **CH▼** or **CH ▲** buttons to select one of the following options:
TREBLE
BASS
BALANCE
S.MODE

4 Press the **SEL** button.

5 Press the **VOL ◄** or **VOL ▶** buttons to suit your personal preference.

● **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
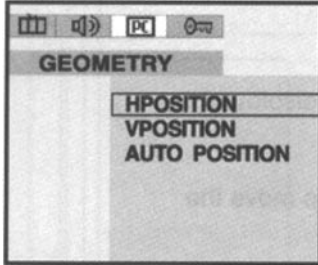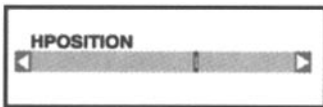The geometry settings can be adjusted to centre your viewing screen.

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:
H-POSITION
V-POSITION
AUTO POSITION

4 Press the **SEL** button.

5 Press the **VOL◀** or **VOL ▶** buttons to adjust the
position of screen.

● If the position of screen is horizontally
off-centred, use **H-POSITION**.

● If the position of screen is vertically
off-centred, use **V-POSITION**.

Use the **AUTO POSITION** to position the screen to be
horizontally and **vertically** centred 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:
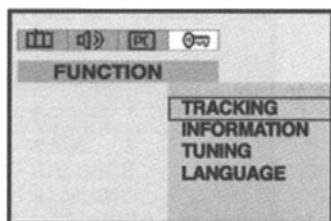
1 Press the **MENU** button.
Result : The **PICTURE** menu is displayed.

2 Use the **VOL◄**, **VOL►** buttons to move the **FUNCTION** menu.

3 Use the **CH ▼** button move to **TRACKING** and then press the **SEL** button.
Result: The **TRACKING** menu is displayed.
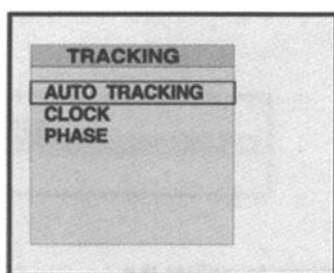
4 Use the **CH▼** or **CH ▲** buttons to select one of the following options:
AUTO TRACKING
CLOCK
PHASE

5

To adjust the..	Press the...
AUTO TRACKING	**SEL** button.
CLOCK	**VOL ◄** or **VOL ►** button.
PHASE	**VOL ◄** or **VOL ►** button.
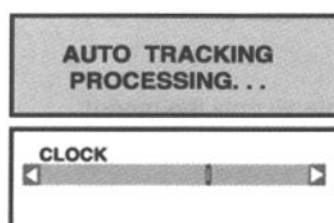
6

● **AUTO TRACKING:** Automatically optimises 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
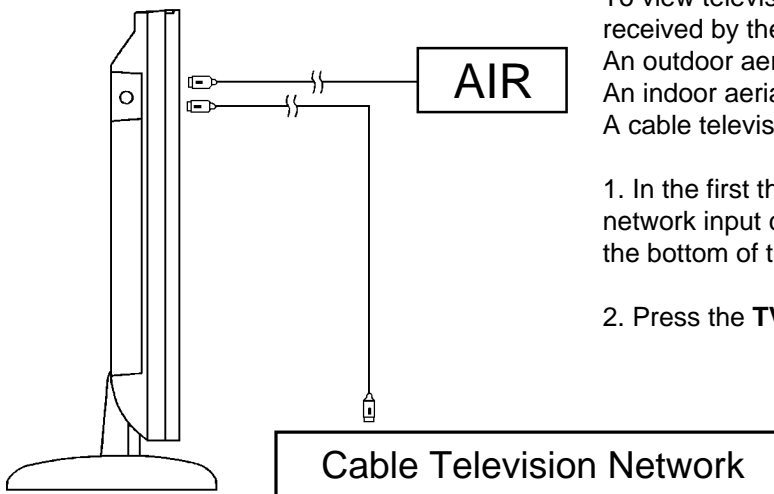
To view television channels correctly, a signal must be received by the set from one of following sources:
An outdoor aerial
An indoor aerial (not recommendable)
A cable television network

1. 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.

AIR

Cable Television Network

Connecting the VCR, DVD or Other External Devices

1. Connect video and audio cable according to the shape and colour 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.

scart   or   VIDEO L R S-VIDEO   VIDEO L R   or   Y Cb Cr

VCR   DVD   Camcoder   DVD
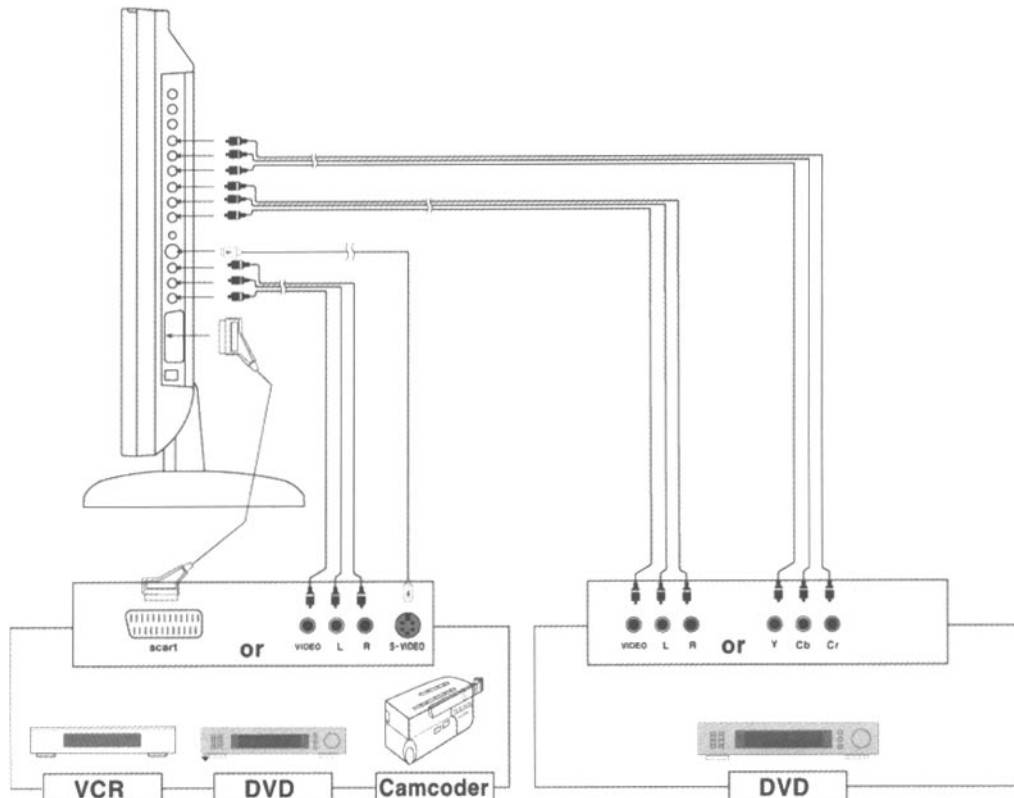
Viewing a TV/VCR screen

Adjusting the Picture Settings 1

Your TV have several settings which allow you to control picture quality:
CONTRAST, BRIGHTNESS, SHARPNESS, COLOUR, TINT
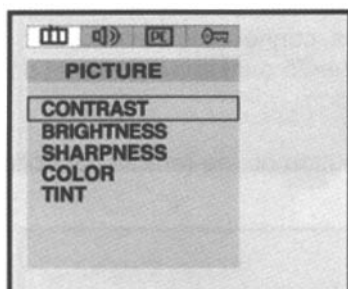
1 Press the **MENU** button.
Result: The **PICTURE** menu is displayed.

2 Use the **CH ▼** or **CH ▲** buttons to select one of the following options:
CONTRAST
BRIGHTNESS
SHARPNESS
COLOUR
TINT (NTSC System)
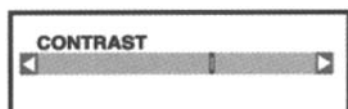
3 Press the **SEL** button.

4 Press the **VOL ◄** or **VOL ►** buttons to suit your personal preference.

5 Press the **MENU** button repeatedly until the menus disappear.

Adjusting the Picture Settings 2

By pressing the P.STD button on the remote control, you can sequentially select any one of the four possible preferred analogue picture presets.
Whenever this button is pressed, the mode will be changed as follows.
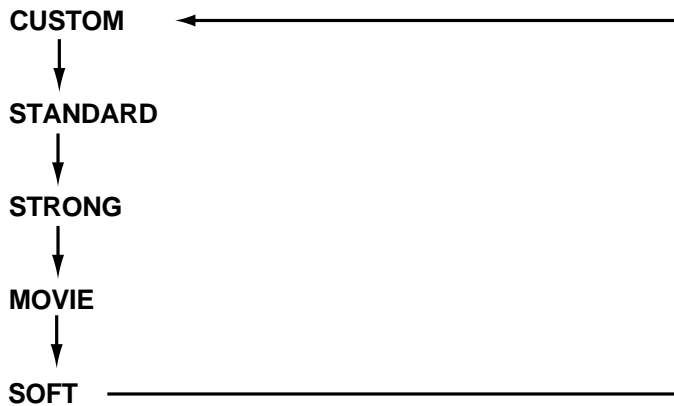
CUSTOM

↓

STANDARD

↓

STRONG

↓

MOVIE

↓

SOFT

CUSTOM
Select this mode to view the adjusted picture you want.

STANDARD
Select this mode to view the factory - presetting standard picture.

STRONG
Select this mode to
- view a powerful and clear picture.
- watching in the brighter (daylight) environments.

MOVIE
Select this mode to view a DVD or Video picture.
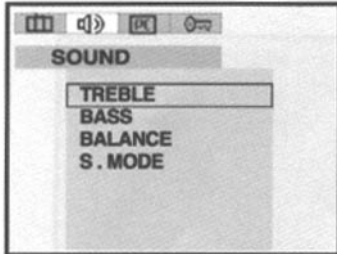
SOFT
Select this mode
- to emphasise mildness.
- when it is dark around.
- to lessen the fatigue of eyes

Viewing a TV/VCR screen

Adjusting the Sound Settings 1

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.

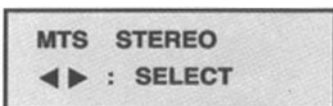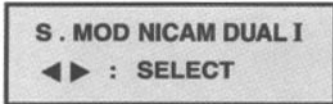**2** Use the **VOL◄**,**VOL ►** buttons to move the
SOUND menu.

3 Use the **CH ▼** or **CH ▲** buttons to select one of the
following options:
TREBLE
BASS
BALANCE
S.MODE (PAL System)
MTS (NTSC System)

4 Press the **SEL** button.

5 Press the **VOL ◄** or **VOL ►** buttons to suit your
personal preference.
● **S.MODE** : description below (PAL System)
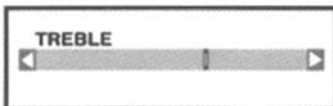
	Type of broadcast	On-screen Indication
NICAM Stereo	Regular broadcast (Standard audio)	Mono (Normal use)
	Regular + NICAM Mono	Mono ⟷ Mono Nicam (Normal)
	NICAM Stereo	Stereo ⟷ Mono Nicam (Normal)
	NICAM Dual-I/II	Dual-I Dual-II Mono Nicam Nicam (Normal)
A2 Stereo	Regular broadcast (Standard audio)	Mono (Normal use)
	Bilingual or Dual-I/II	Dual-I ⟷ Dual-II
	Stereo	Stereo ⟷ Mono (Forced Mono)

● **MTS:** To select **STEREO, SAP** or **MONO**
(NTSC System)

6 Press the **MENU** button repeatedly until the
menus disappear.

Adjusting the Sound Settings 2

By pressing the S.STD button on the remote control, You may get more best sound
and change the sound of a suit with a video source.
Whenever this button is pressed, the mode will be changed as follows.

CUSTOM

↓

STANDARD

↓

MUSIC

↓

MOVIE

↓

SPEECH
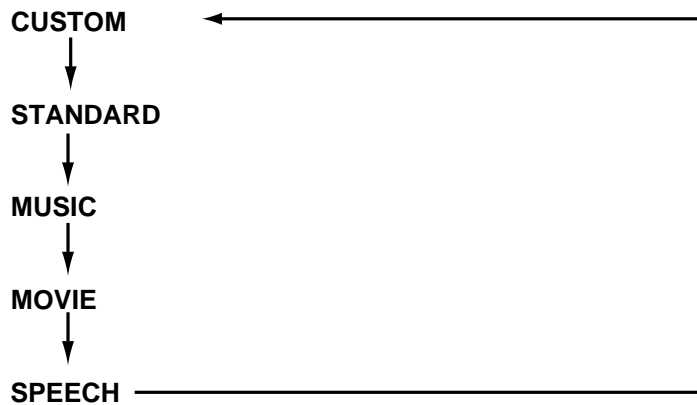
CUSTOM
Select this mode to listen the adjusted sound you want.

STANDARD
Select this mode to listen the factory - presetting standard sound.

MUSIC
Select this mode to listen the music video or the live picture source.

MOVIE
Select this mode to listen the movie sound.

SPEECH
Select this mode to listen the TV news or the TV talk-shows, etc.

Channel Memory (PAL System)

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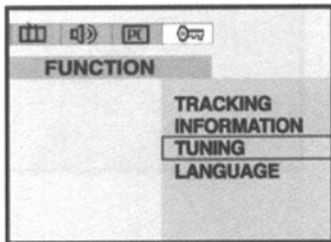 appear in the frequency bands. It is possible that the automatically allocated numbers may not correspond to those by which you wish to identify the channels. If this is the case, you can then sort them manually.

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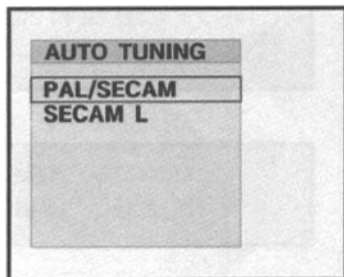Result: The **PICTURE** menu is displayed.

2 Press the **VOL ◄** button to place the selection bar on the **FUNCTION** menu.

3 Press the **CH ▼** button to place the selection bar on the **TUNING** mode.
And press the **SEL** button.
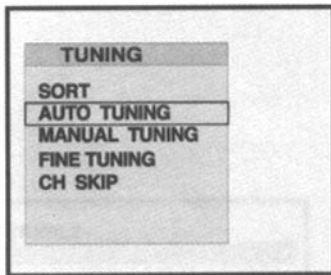
4 Press the **CH ▼** button to place the selection bar on the **AUTO TUNING** and press the **SEL** button.

5 Press the **CH ▼** button, set the broadcasting system. (PAL/ SECAM or SECAM L) and press SEL button.

Result: The **AUTO TUNING** will store found channel automatically. White 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 favourite channels to preferred channel number.
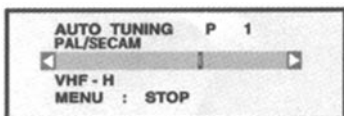
6 Press the **VOL◄** or **VOL►** button until favourite channel is shown.

7 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.
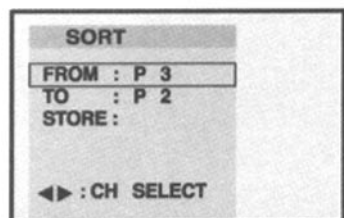
8 Press the **CH ▼** button to place the selection bar on the store. Press the **VOL◄** or **VOL►** button, the channel will stored in memory displaying **OK** for a moment.

9 When searching and storing is complete, press the **MENU** button repeatedly until the menus disappear.

Channel Memory (PAL System)

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.

FUNCTION
TRACKING
INFORMATION
TUNING
LANGUAGE

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

2 Use the **VOL◀** or **VOL▶** buttons to move the **FUNCTION** menu.

TUNING
SORT
AUTO TUNING
MANUAL TUNING
FINE TUNING
CH SKIP
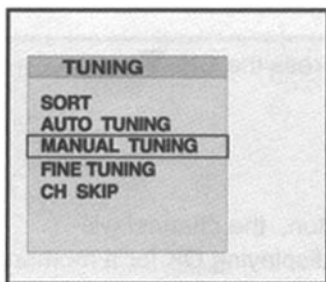
3 Press the **CH ▼** or **CH ▲** button to select the **TUNING** option and press the **SEL** button.
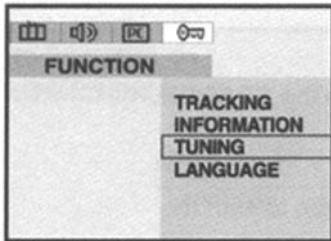Result: The tuning menu is displayed.

4 Press the **CH ▼** or **CH ▲** button to move the **MANUAL TUNING** and press the **SEL** button.
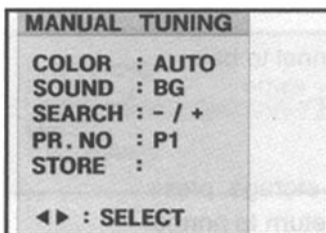
5 Press the **VOL◀** or **VOL▶** button repeatedly until the **COLOR SYSTEM** is best quality.
Result: The **COLOR SYSTEM** is changed.

PAL➡ SECAM ➡ AUTO

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

◀▶ : SELECT

6 Press the **CH ▼** button to move the **SOUND**.

7 Press the **VOL ◀** or **VOL ▶** button repeatedly until the **SOUND SYSTEM** is best quality
Result: The sound system is changed.

BG ➡ DK➡ I ➡ L

8 Press the **CH ▼** button to move the **PR. NO**

Channel Memory (PAL System)

```
MANUAL  TUNING

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

◄► : SELECT
```
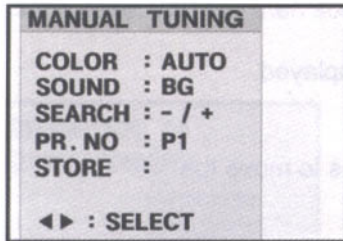
9 To assign a program number to the channel,
press the **VOL ◄** or **VOL ►** button until you find the
correct number.

10 Press the **CH ▼** button to move the **SEARCH**.

11 Press the **VOL◄** or **VOL ►** button to start the
search.

12 When the screen is fine tuned, press the **CH ▼** button
to move the **STORE**.

```
MANUAL  TUNING
P 2              UP
◄              ►
VHF - H
◄►: TUNING
```

13 Press the **VOL◄** or **VOL►** button, the channel will
automatically stored in memory displaying OK for a moment.
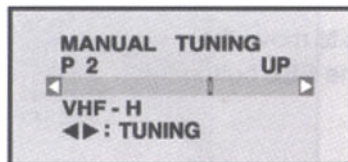
14 Repeat steps 8~13 for each channel to be
stored.

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

Channel Memory (PAL System)

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 distorted, you may have to fine-tune the channel manually.
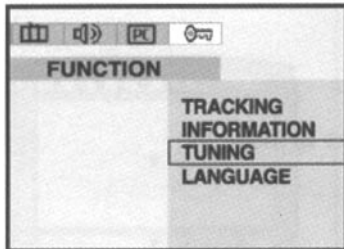
FUNCTION

TRACKING
INFORMATION
TUNING
LANGUAGE

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

2 Use the **VOL◄** or **VOL ►** buttons to move the **FUNCTION** menu.

TUNING

SORT
AUTO TUNING
MANUAL TUNING
FINE TUNING
CH SKIP
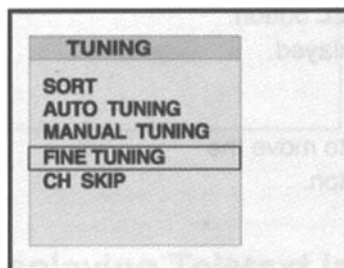
3 Press the **CH ▼** or **CH▲** button to select the **TUNING** option and press the **SEL** button.
Result: The tuning menu is displayed.

4 Press the **CH▼** or **CH▲** button to move the **FINE TUNING** and press the **SEL** button.
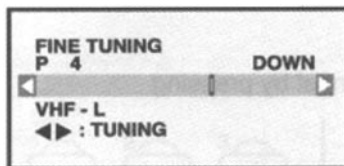
5 When a channel is right viewed by using the **VOL◄** or **VOL ►** buttons, the Tuning is automatically set.

FINE TUNING
P 4   DOWN

VHF - L
◄► : TUNING

6 Press the **MENU** button repeatedly until the menus disappear.

Channel Memory (PAL System)

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.

2 Use the **VOL◄** or **VOL ►** buttons to move the **FUNCTION** menu.
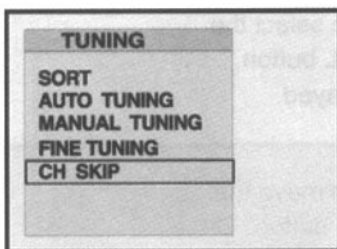
3 Press the **CH ▼** or **CH▲** button to select the **TUNING** option and press the **SEL** button.
Result: The tuning menu is displayed.

4 Press the **CH ▼** or **CH▲** button to move the **CH SKIP** and press the **SEL** button.

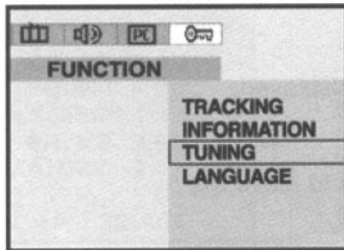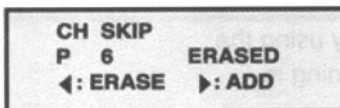**5** Press the **CH ▼** or **CH▲** button to select the required channel.

6 To add or erase the desired channel by pressing the **VOL◄** or **VOL►**
VOL◄ :ERASE, VOL ► :ADD

7 Press the **MENU** button repeatedly until the menus disappear.

Teletext

Teletext Decoder
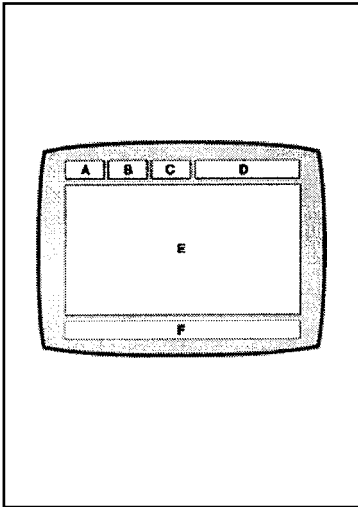
Most television channels carry "teletext", pages of written information that provide information such as :

- Television program tables
- News bulletins
- Weather forecasts
- Sports results
- Subtitles for the hard of hearing

The teletext pages are organised according to six categories:

Part	contents
A	Selected page number.
B	Broadcasting station identity.
C	Current page number or search status.
D	Date and time.
E	Text.
F	Status information.

Displaying Teletext Information

You can watch teletext information at any time, but signal reception must be good. Otherwise:

Information may be missing.
Some pages may not be displayed.
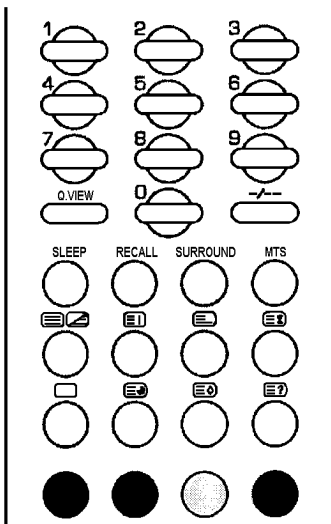
To activate the teletext mode and display the contents page:

1 Using the (⊟▶) or (⊟◀) button, select the channel providing the teletext service.

2 Press the TTX/MIX (⊟/▱) button to activate the teletext mode.
Result: The contents page is displayed. It can be redisplayed at any time by pressing the INDEX (⊟ⅰ) button.

3 To display the actual broadcast simultaneously with the teletext page, press the TTX/MIX (⊟/▱) button.

4 To return to normal viewing, press the TTX OFF(▭)button.

Teletext

Teletext Decoder
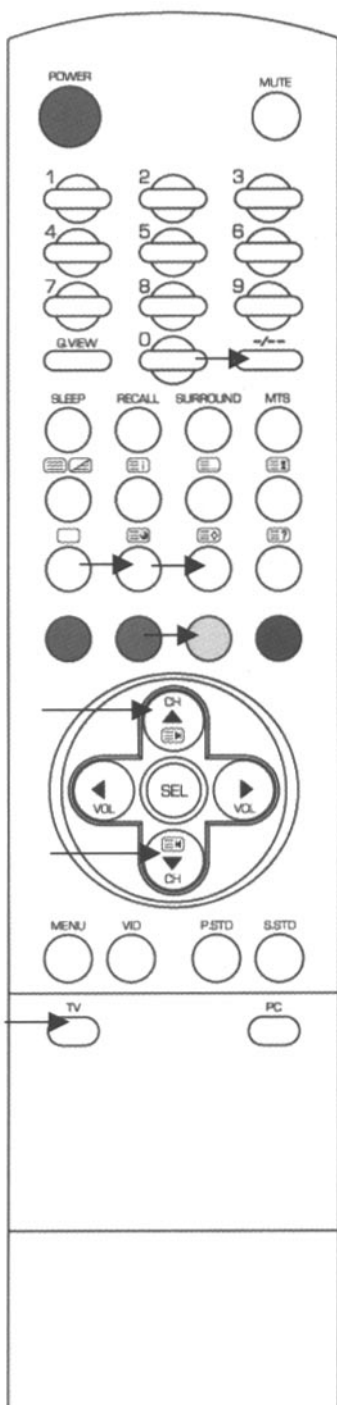
Press the numeric buttons on the remote controller to enter the page number directly:

1 Enter the three-digit page number listed in the contents by pressing the corresponding numeric buttons.
Result: The current page counter is incremented and the page is then displayed.

2 If the selected page is linked with several secondary pages, the secondary pages are displayed in sequence. To freeze the display on a given page, press the HOLD (▤▮). Press the HOLD again to resume.

3 Using the various display options:

To display ...	Press the ...
◆ Both teletext information and the normal broadcast	**TTX / MIX (▤▨)**
◆ Hidden text (answers to quiz games, for example)	**REVEAL (▤?)**
◆ The normal screen	**REVEAL (▤?) again**
◆ A secondary page, by entering its 4-digit number	**SUB-PAGE (▤◑)**
◆ The next page	**PAGE UP (▤▶)**
◆ The previous page	**PAGE DOWN (▤◀)**
◆ FLOF / LIST select	**FLOF / LIST (▤...)**
◆ Store	**STORE (▤◊)**

Other Functions

SLEEP

You don't have to remember to switch the set turn off before you go to sleep.
The sleep timer automatically switches the set to stand-by after the preset time elapses.
For selecting you desired number of minutes, press the **SLEEP** button several times or
Continuously. OFF will appear on the screen, followed by 10, 20, 30, 60, 90, 120, 150, and 180.

NOTE:
1. To view the remaining sleep time, press the **SLEEP** button once.
2. To cancel the sleep time, repeatedly press the **SLEEP** button until the display **SLEEP OFF** appears.
3. When you switched the set turn off, the set released the preset sleep time.

RECALL

Press **RECALL** button on the remote control. The number of TV channel or the video mode
you are now viewing, will display on the screen.

SURROUND

You can select the special surround effect sound. Press **SURROUND** button, you may get
surround effect sound and will display **SURROUND ON**, on the screen. If you don't want
this effect, press again **SURROUND** button then you may get normal sound and will display
SURROUND OFF.

APPENDIX A: Power Saver

This monitor has a built-in power management system called Power saver. This system saves energy by
switching your monitor into a low-power mode when it has not been used for a certain period of time. The
available modes are "On", "Stand-by", "Sleep" and "Deep Sleep". Power Saver operates with a VESA DPMS
compliant video card installed in your computer You use a software utility installed on your computer to set up
this feature. See below table for details.

S:rate	Normal Operation	Power-Saving Function mode (EPA / ENERGY 2000)		
		Standby Mode	Sleep Mode Position A1	Deep Sleep Mode Position A2
Horizontal Sync Vertical Sync Video	Active Active Active	Inactive Active Blanked	Active Inactive Blanked	Inactive Inactive Blanked
Power Indicator	Green	Amber	Amber Blinking (0.5 sec interval)	Amber Blinking (1 sec interval)
Power Consumption	30W (Max.)	Less than 3W	Less than 3W	Less than 3W

NOTE: This monitor automatically returns to normal operation when horizontal and vertical sync return.
This occurs when you move the computer's mouse or press a key on the keyboard.

APPENDIX B: Troubleshooting

If you have a problem setting up or using your LCD monitor, you may be able to solve it yourself.
Before contacting customer service, try the suggested actions that are appropriate to your problem.

What you see...	Suggested Actions	Reference
Screen is blank and power indicator is off	• Ensure that the power cord is firmly connected and the LCD monitor is on.	Connecting a PC, page 13.
"CHECK CABLE OR SIGNAL" message	• Ensure that the signal cable is firmly connected to the PC or video sources. • Ensure that the PC or video sources are turned on.	Connecting a PC, TV or VCR, Page 12, 18.
"INVALID MODE" message	• Check the maximum resolution and the frequency of the video adaptor. • Compare these values with the data in the Display Modes Timing Chart.	PC Stable Adjustment, page 19. APPENDIX D: Display Modes page 33.
The image is too light or too dark	• Adjust the Brightness and Contrast.	BRIGHTNESS, page 15, 20. CONTRAST, page 15, 20.
Horizontal bars appear to flicker, jitter or shimmer on the image	• Adjust the Clock function. • Auto Tracking will clear it automatically.	PC Stale Adjustment. page 18.
Vertical bars appear to flicker, jitter or shimmer on the image.	• Adjust the Phase function and then adjust the Clock function. • Auto Tracking will clear it automatically.	
Screen is blank and power indicator light is steady amber or blinks every 0.5 or 1 seconds	• The monitor is using its power management system. • Move the computer's mouse or press a key on the keyboard.	APPENDIX A : Power Saver, page 33.
Image is not stable and may appear to vibrate	• Auto tracking will clear it automatically • Check that the display resolution and frequency from your PC or video board is an available mode for your monitor. On your computer check : Control Panel, Display, Settings	PC Stable Adjustment, page 18.
	• Horizontal frequency • Vertical frequency • Maximum refresh rate	31KHz - 69KHz 56Hz - 85Hz 1024 x 768 @85Hz
Image is not centred on the screen.	• Auto Position will set the best position automatically • Adjust the horizontal and vertical position.	AUTO POSITION, page 17. H-POSITION, page 17. V-POSITION, page 17.

APPENDIX B: Troubleshooting

Problem	Suggested Actions	Reference
No sound	• Ensure that the audio cable is firmly connected to both the audio-in jack on your monitor and the audio-out jack on your sound card.	Connecting a PC, TV or VCR, page 13, 19.
	• Check the volume level	Adjusting the Sound settings, page 16, 21.
Sound level is too low	• Check the volume level	
	• If the volume is still too low after turning the control to its maximum, check the volume control on the computer sound card or software program.	Refer to your computer, sound card or software documentation.
Sound is too high pitched or too low pitched	• Adjust the Treble and Bass to appropriate level.	Adjusting the Sound Settings, page 16, 22.
TV signal is not received	• Ensure that the antenna cable is firmly connected to the VHF/UHF jack.	Connecting to watch TV or VCR, page 19.
	• Check "Channel Memory" and make sure you choose the correct channel system. (PAL Model)	Channel Memory, page 25, 26.
	• Select "Auto Tuning" to configure the channel system automatically. (PAL Model)	
	• Check AIR/CATV is correctly selected on screen display menu. (NTSC Model)	Selecting Broadcast Source, page 29

APPENDIX C: Specification

FUNCTION		MONITOR	TV (PAL System)	TV (NTSC System)
LCD Panel	Type	20.1" (48cm) TFT LCD		
	Display Area	408 mm x 306 mm		
	Display Colour	16,777,216 (8-bit)		
	Pixel Pitch	0.6375 mm x 0.6375 mm		
	Max. Resolution	VGA 640 x 480 (@75Hz)		
	Interface	TTL		
	Viewing Angle	120 degrees horizontal / 90 degrees vertical		
	Contrast Ratio	350 : 1 (typical)		
	Brightness	400cd/m^2		
	Physical Rotation	+30 degrees Up, -5 degrees Down		
	Horizontal Frequency	31.5KHz		
	Vertical Frequency	60Hz		
	Dimension	513 (W) mm x 463 (H) mm x 67 (D) mm : Without Speakers		
	Dimension	654 (W) mm x 463 (H) mm x 67 (D) mm : With Speakers		
Input / Output	Video input	PC Analog RGB	A/V, S-Video, SCART Component (Y, Cb, Cr)	A/V, S-Video Component (Y, Cb, Cr)
	Audio Input	PC Audio	PC Audio, A/V, S-Video, SCART	PC Audio, A/V, S-Video
	Audio Output	Monitor Out		
TV Signal	Area	None	EU Australia	USA
	Antenna Input	None	75 Coaxial Cable	
	Tuning System	None	Programmable Frequency Synthesizer	
	Colour System	None	PAL/SECAM, NTSC	NTSC
	Sound System	None	B/G, D/K, I	BTSC
	Tuning Range — VHF Low	None	E2Ch(48.25MHz)~ S10Ch(168.25MHz)	2Ch(55.25MHz)~ ECh(145.25MHz)
	Tuning Range — VHF High	None	E5Ch(175.25MHz)~ S41Ch(463.25MHz)	FCh(151.25MHz)~ W+25Ch(445.25MHz)
	Tuning Range — UHF	None	E21Ch(471.25MHz)~ E69Ch(885.25MHz)	W+26Ch(451.25MHz)~ 78Ch(855.25MHz)
	Teletext	None	Teletext	Caption, V-CHIP
Regulation	Safety	UL, CSA, FCC, CE, CCIB, EIAJ		
	EMI	CE, C-Tick		
Other	Power Output	Stand-by: 3Watt / Operation: 53Watt		
	Speaker	3W x 2EA		
	Plug & Play Level	DDC 1/2B		
	Weight	NET 12.8 Kg/ Gross 15.6 Kg		
	Power Supply	DC 15V, 5.3A, 50/60Hz		

Specification can be changed without prior notice.

APPENDIX D: Display Modes

If the signal from the system equals to the standard signal mode, the screen is adjusted automatically. If the signal from the system doesn't equal to the standard signal mode, adjust the mode with referring to the Video card user guide because the screen might not display or only the power LED might be on. For the display modes listed below, the screen image has been optimised during manufacturing.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
VGA	720 x 400	31.469	70.087	28.322	-/+
	640 x 480	31.469	59.940	25.175	-/-
	640 x 480	37.500	75.000	31.500	-/-
	640 x 480	43.269	85.008	36.000	-/-
SVGA	800 x 600	46.875	75.000	49.500	+/+
	800 x 600	53.674	85.061	56.250	+/+
XGA	1024 x 768	48.363	60.004	65.000	-/-
	1024 x 768	60.023	75.029	78.750	+/+
	1024 x 768	68.677	84.997	94.500	+/+

PALSONIC CORPORATION PTY LTD
1 JOYNTON AVENUE
WATERLOO NSW 2017 AUSTRALIA
TEL: (02) 9313 7111
FAX: (02) 9313 7555
www.palsonic.com.au

**PALSONIC CUSTOMER SERVICE
TELEPHONE
AUSTRALIA: 1300 657 888**

KGTIT202Z6