TMS154

MAJESTIC®

15" LCD TELEVISION

3 year optional warranty

now available

12Volt
Entertainment
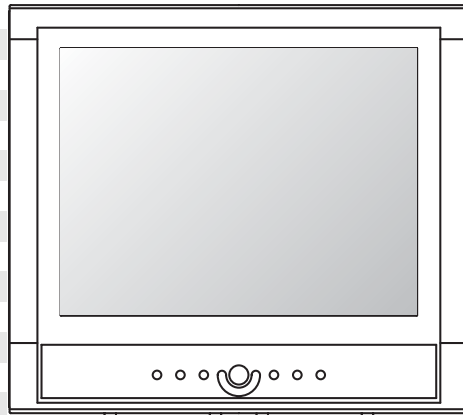
USER MANUAL

www.majestic-global.com

Warnings

WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING :

To reduce the risk of electric shock do not remove cover (or back).

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

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

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

TO PREVENT FIRE OR SHOCK HAZARD DO NOT EXPOSE THE SET TO RAIN OR MOISTURE.

NOTE TO CABLE/TV INSTALLER:

This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

REGULATORY INFORMATION:

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 when the equipment is operated in a residential Installation. This equipment generates, uses and can radiate radio frequency energy and, if Not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Do not attempt to modify this product in any way without written authorization.
Unauthorized modification could void the user's authority to operate this product.

IMPORTANT SAFETY INSTRUCTIONS

Important safeguards for you and your new product

Your product has been manufactured and tested with your safety in mind. However, improper use can result in potential electrical shock or fire hazards. To avoid defeating the safeguards that have been built into your new product, please read and observe the following safety points when installing and using your new product, and save them for future reference.

Observing the simple precautions discussed in this operating guide can help you get many years of enjoyment and safe operation that are built into your new product.

This product complies with all applicable U.S. Federal regulations and voluntary safety standards.

1. Read Instructions

All the safety and operating instructions should be read before the product is operated.

2. Follow Instructions

All operating and use instructions should be followed.

3. Retain Instructions

The safety and operating instructions should be retained for future reference.

4. Heed Warnings

All warnings on the product and in the operating instructions should be adhered to.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Water and Moisture

Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

7. Accessories, Carts, and Stands

Do not place this product on a slippery or tilted surface, or on an unstable cart, stand, tripod, bracket, or table. The product may slide or fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

8. Transporting Product

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

PORTABLE CART WARNING

9. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

10. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be locked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer 's instructions have been adhered to.

11. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12. Power Cord Polarization

This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

13. Power Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

IMPORTANT SAFETY INSTRUCTIONS

14. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code (U.S.A.), ANSI/NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Example of Grounding According to National Electrical Code Instructions

NEC - National Electrical Code
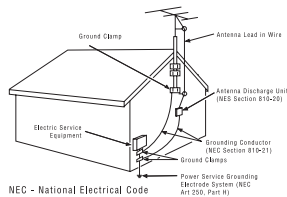
15. Lightning

For added protection for this product (receiver) during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

16. Power Lines

An outside antenna system should not e located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

17. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

18. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

19. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. If the power-supply cord or plug is damaged.

b. If liquid has been spilled, or objects have fallen into the product.

c. If the product has been exposed to rain or water.

d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

e. If the product has been dropped or the cabinet has been damaged.

f. If the product exhibits a distinct change in performance.

21. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

22. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23. Wall Mounting

The product should be mounted to a wall only as recommended by the manufacturer. The product may slide or fall, causing serious injury to a child or adult, and serious damage to the product.

24. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Contents

Contents

Supplied Accessories

■ **Make sure the following accessories are provided with Product.**

AC Cord (Optional)	AC/DC adapter (Optional)	Remote controller	Batteries (type AAA)
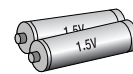
VGA Cable (Optional)	PC AUDIO IN Cable (Optional)	Owner's manual

■ Battery installation

■ Inserting batteries

1 Remove the battery cover by pulling it upward in the direction shown by the arrow.

2 Insert the batteries with correct polarity.

3 Replace the battery compartment cover.
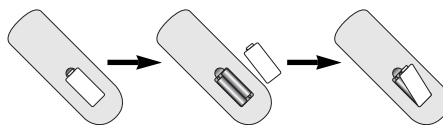
- Install two high-quality 1.5V "AAA" alkaline batteries. Don't mix old batteries with new batteries.
- Remove batteries when you won't use the remote controller for long time. Liquid leakage from old batteries may cause operation failure.

■ Notes for using remote controller
- Make sure there are no objects between the remote controller and its sensor.
- Don't place the remote control near a heater or in damp place. Strong impact to the remote control may cause operation failure.
- Signal from the remote control may be disturbed by sun light or other bright light. In this case, darken the room or move the TV.

Controls

Front Panel
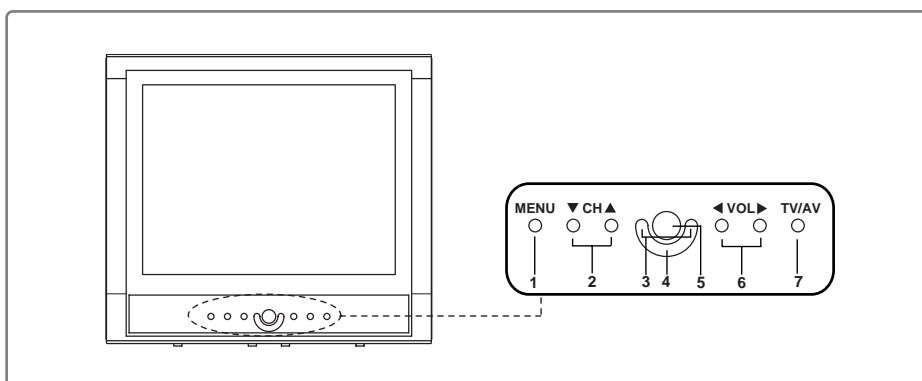
1. **MENU**
   Displays a menu.

2. **▼ CH ▲** (Channel Down/Up)
   Selects a program or a menu item.

3. **Power Indicator**
   Illuminates in red when the TV is in standby mode.
   Illuminates in green when the TV is switched on.

4. **Remote control sensor**
   Accepts the IR signal of remote controller.

5. **ON/OFF**
   Switches TV set on or off.

6. **◄ VOL ►** (Volume Down/Up)
   Adjusts the volume.
   Adjusts menu settings.

7. **TV/AV**
   Selects DTV, TV, VIDEO, S-VIDEO, COMPONENT or PC ANALOG mode.
   Clears the menu from the screen.

Controls

```
        1        2         3         4         5                    6                7    8
                                               ┌─── A/V IN ───┐    ┌──── COMPONENT ────┐
       DC 12V  PC-ANALOG  PC-AUDIO  S-VIDEO   VIDEO AUDIO:L  R    Y  Pb(Cb)Pr(Cr) AUDIO:L R  COMM  ANT
```
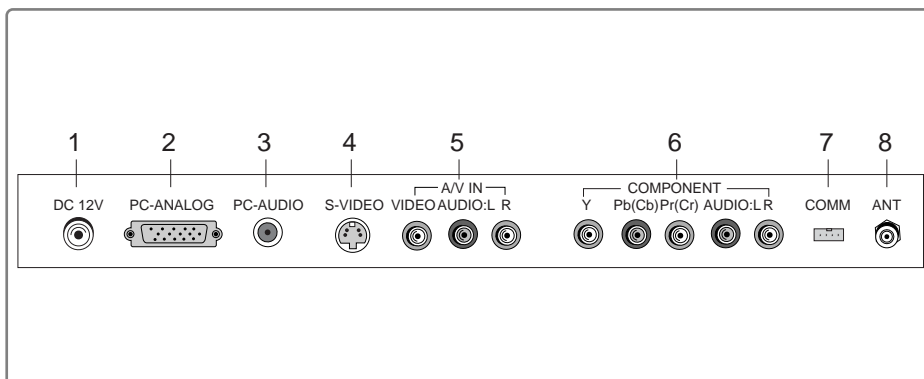
1. **DC 12V IN**
   Switches TV set on or off.

2. **PC ANALOG IN (D-SUB**
   Connect the D-SUB cable from the PC to the PC ANALOG IN of the set.

3. **PC AUDIO IN**
   Connect the audio cable from the PC to the PC AUDIO IN of the set.

4. **S-VIDEO IN**
   Connect the output of an S -VIDEO VCR to the S-VIDEO input.
   Connect the **A/V IN** audio jacks for sound.

5. **A/V IN**
   Connect the Audio/Video outputs of external equipment to these inputs.

6. **COMPONENT(Y/Pb(Cb)/Pr(Cr)+AUDIO(L/R)) IN**
   Connect the COMPONENT video output sockets of the DTV set top box to the **COMPONENT** Input sockets of the set.

7. **COMM**
   It's for service only.

8. **ANT(Antenna input)**

Controls

All the functions can be controlled with the remote controller. Some functions can also be adjusted with the buttons on the side panel of the set.
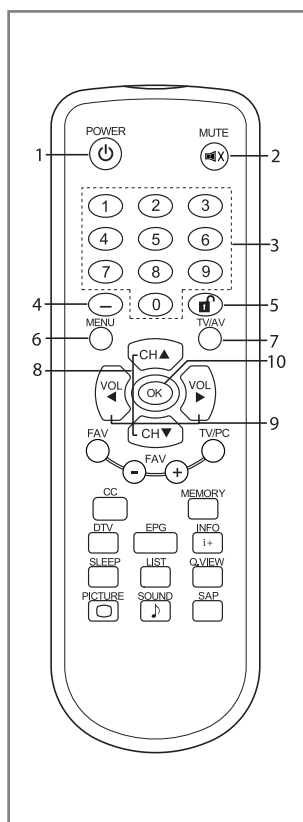
Before you use the remote controller, please install the batteries.

1 POWER
Turns the TV from standby or off to standby mode.

2 MUTE
Turns the sound on or off.

3 NUMBER buttons
Selects channel numbers.

4 Hyphen (*only DTV mode)
Press to select DTV channels. For example, to select channel '54-3', press '54', then press '-' and '3'.

5 Lock button
When the parental control function is locked, press the lock button, then parental control function is unlocked.

6 MENU
Displays a main menu.

7 TV/AV
Selects DTV, TV, VIDEO, COMPONENT, S-VIDEO or PC ANALOG mode.
Clears the menu from the screen.

8 CH ▲ ▼ (Channel Up/Down)
Selects next channel or a menu item.

9 VOL ◄ ► (Volume Up/Down)
Adjusts the sound level.
Adjusts menu settings.

10 OK
Accepts your selection or displays the current mode.

Controls

11 FAV

Stores or deletes the favorite channel.

12 FAV+/FAV-

Press to switch to your favorite channels.

13 TV/PC

Select the PC ANALOG mode directly.

14 CC

Sets the caption function.

15 MEMORY

Stores or removes the current channel.

16 DTV (*only DTV model)

Select the DTV mode.

17 EPG (*only DTV model)

Displays a receiving broadcast information.

18 INFO (*only DTV model)

Use to see information on the current broadcast.

19 SLEEP

Sets the sleep timer.

20 LIST

Displays the program list menu.

21 Q.VIEW

Returns to the previously viewed channel.

22 PICTURE (▢)

Recalls your preferred picture setting.

23 SOUND (♪)

Recalls your preferred sound setting.

24 SAP

Adjusts the MTS-Stereo, Mono, SAP
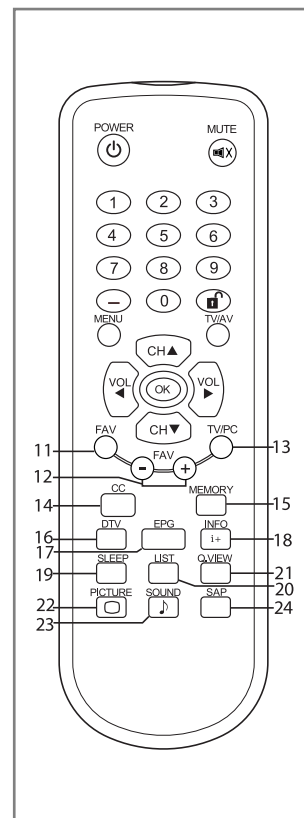
Basic Operation

Turning the TV On and Off

Standby Setup: The AC-DC converter and the AC power cord must be set up and connected to have the TV in standby mode ready to be turned on. Press the **ON/OFF** button on the side panel of the TV to go into standby mode.

1 If the TV is in standby mode, press the **POWER** button on the remote controller or the TV itself to turn the TV on.

2 Press the Power button again on the remote controller or the TV itself to turn the TV off.

> **Note**
>
> If the TV is on and the **POWER** button is pressed to turn the TV off, the TV goes into standby mode.

Channel selection

You can select a Channel number with the **CH ▲ ▼** or NUMBER button.

Volume adjustment

Press the **VOL ◄ ►** button to adjust the volume.

Quick view

Press the **Q.VIEW** button to view the last channel you were watching.

Mute function

Press the **MUTE**(◄⫫) button. The sound is switched off and the display ◄⫫ appears.

You can cancel it by pressing the **MUTE**(◄⫫), **VOL◄ ►** or **SOUND(♪)** button.
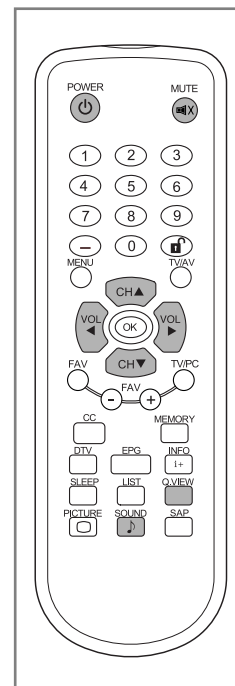
Basic Operation

On screen menu language selection

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

First select your language.

1 Press the **MENU** button.
2 Select the **Setup** menu with **CH ▲ ▼** button.
3 Press the **VOL ◄ ►** button to select the **Setup** menu.
4 Select the **Language** menu with **CH ▲ ▼** button.
5 Press the **VOL ◄ ►** button to select the **Language**.
6 Press the **CH ▲ ▼** button to select your desired language.
7 Press the **TV/AV** button.

All the on screen displays will appear in the selected language.

Language
■ English
■ Francais
■ Español

Position: ▲▼
Back: MENU   Exit: TV/AV
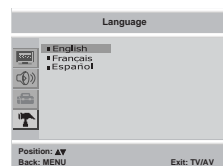
Changing the Input mode

1 Press the **TV/AV** or **CH ▲ ▼** buttons to change the input mode.
2 Press the **OK** button to select your desired mode.

Input Selection
■ DTV
■ TV
■ VIDEO
■ S-VIDEO
■ COMPONENT
■ PC-ANALOG

Position : TV/AV, ▲▼
Confirm : OK
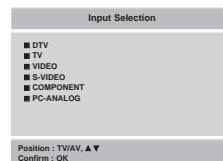
Displaying Information

You can display the program information and setting status you selected.

Press the **OK** button.

Ⓐ 1 - - - - - - - -	
Mono	♫ Flat
Dynamic	☋ - -
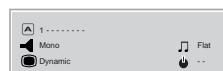
On Screen Menu and Display

1 Press the **MENU** button to display main menu.
2 Press the **CH ▲ ▼** button to select menus-
    Picture, Sound, Special, Setup.
3 Adjust each menu with the **VOL◄ ►** button.
4 Press the **MENU** button to return to preceding menu.
5 Press the **TV/AV** button to finish adjusting menu.

Main Menu	
■ Picture	►
■ Sound	►
■ Special	►
■ Setup	►
Position: ▲▼	Next: ◄ ► Exit: TV/AV

Picture	
■ Color Temperature	►
■ Contrast	75
■ Brightness	65
■ Color	75
■ Sharpness	80
■ Tint	0
Position: ▲▼ Back: MENU	Next: ◄ ► Exit: TV/AV

Sound	
■ Equalizer	►
■ Balance	0
■ AVL	Off
■ Surround	Off
Position: ▲▼ Back: MENU	Next: ◄ ► Exit: TV/AV

Special	
■ Blue Back	On
■ Auto Sleep	Off
■ Childlock	Off
■ Caption	Off
■ Parental Control	►
Version : A 1.0A D 1.0D	
Position: ▲▼ Back: MENU	Adjust: ◄ ► Exit: TV/AV

Setup	
■ Auto Program	►
■ Manual Program	►
■ Language	►
Position: ▲▼ Back: MENU	Next: ◄ ► Exit: TV/AV

Color Temperature	
■ Standard	
■ Reddish	
■ Greenish	
■ Bluish	
■ User	R G B
Position: ▲▼ Back: MENU	Exit: TV/AV

Equalizer	
■ Flat	
■ Music	
■ Movie	
■ Speech	
■ User	0.1 0.5 1.5 5.0 10KHz
Position: ▲▼ Back: MENU	Exit: TV/AV

Parental Control	
■ TV Rating	►
■ MPAA Rating	►
■ Change Password	►
■ AUX.Block Source	Unblocked
■ Block Hour	Always
■ Parental Lock	Off
Position: ▲▼ Back: MENU	Next : ◄ ► Exit: TV/AV

Auto Program	
■ Table	Cable STD
■ Start	
Position: ▲▼ Back: MENU	Adjust: ◄ ► Exit: TV/AV

Manual Program	
■ Channel	1
■ Table	Cable STD
■ Name	- - - - - - - -
■ Finetune	0
■ Skip	On
■ Memorize	
Position: ▲▼ Back: MENU	Adjust: ◄ ► Exit: TV/AV

Language	
■ English	
■ Francais	
■ Español	
Position: ▲▼ Back: MENU	Exit: TV/AV

Note

In this manual, the OSD (On Screen Display) may be different from your TV 's because it is just example to help the TV operation.

Setting up TV Program

Once you have preset the Channel, you will be able to use the **CH ▲ ▼** to scan the Channel you Programmed.

Channel can be tuned using Auto or Manual Program menu.

Auto Program

All Channel that can be received are stored by this method. It is recommended that you use Auto Program during installation of this set.

1 Press the **MENU** button.

2 Select the **Setup** menu.

3 Select the **Auto program** menu.

4 Press the **CH ▲ ▼** button to select **Table** mode.

5 Select a Table mode with the **VOL◄ ►** button,

    V/UHF → Cable STD → Cable HRC → Cable IRC

6 Select the **Start** with the **CH ▲ ▼** button.

7 Press the **VOL◄ ►** button to start **Auto program**.

8 Press the **MENU** button to stop **Auto program**.

9 Press the **TV/AV** button to return to normal TV viewing.

Auto Program

■ Table   Cable STD
■ Start

Position: ▲▼   Adjust: ◄ ►
Back: MENU   Exit: TV/AV
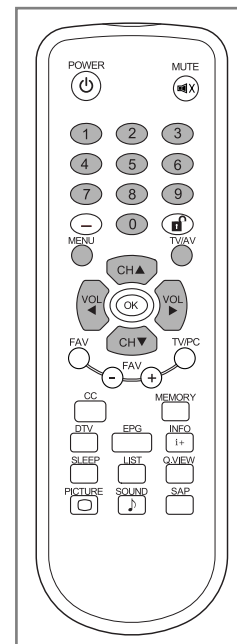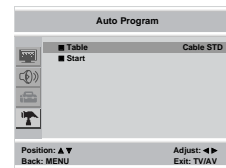
Setting up TV Program

Manual Program

Manual Program lets you manually tune and arrange the Channels in whatever order you desire. Also you can assign a Channel name with 5 characters to each channel number.

1   Press the **MENU** button.
2   Select the **Setup** menu.
3   Select the **Manual program** menu.
4   Press the **CH ▲ ▼** button to select **Channel**.
5   Select the **Table** menu. Then select a tuner mode with the **VOL◄ ►** button.

   V/UHF ➔ **Cable STD** ➔ **Cable HRC** ➔ **Cable IRC**

6   Select the **Name** with **CH ▲ ▼** button.
   Then press the **VOL◄ ►** button.
7   Press the **CH ▲ ▼** button repeatedly to edit program name.
   You can use the numeric 0 to 9, the alphabet A to z (capital and small letters.) a blank and -. With the **VOL◄ ►** button you can select in the opposite direction.
8   Press the **CH ▲ ▼** button to select the **Finetune**.
   Press the **VOL◄ ►** button to commence finetuning.
9   Select the **Skip** with **CH ▲ ▼** button.
10 Press the **VOL◄ ►** button to select the "**On**" or "**Off**".
11 Press the **CH ▲ ▼** button to select the **Memorize.**
   Then press the **VOL◄ ►** button.
12 Press the **MENU** button to return to prior menu.
13 Press the **TV/AV** button to return to normal TV viewing.

Manual Program	
■ Channel	1
■ Table	Cable STD
■ Name	- - - - - - - -
■ Finetune	0
■ Skip	On
■ Memorize	

Position: ▲▼   Adjust: ◄►
Back: MENU   Exit: TV/AV
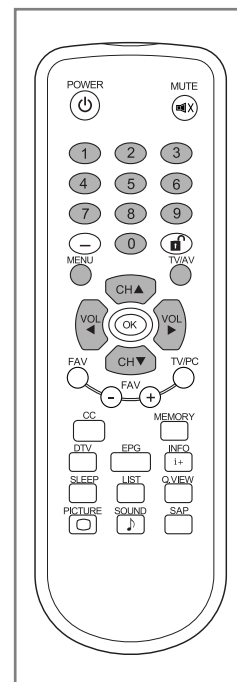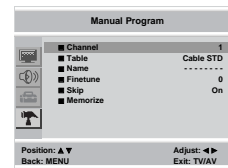
Setting up TV Program

Program List

You can check the programs stored in the memory by displaying the program list.

■ Displaying program list

Press the **LIST** button to display the Program list menu.
The program list appears on the screen.
One program list page contains twenty programs as right picture.

Note

a   You may find some blue programs.
They have been set up to be skipped by auto programming or in the program edit mode.
b   Some programs with the channel number shown in the program list indicate there is no station name assigned.

■ Selecting a program in the program list

Select a program with the **CH ▲ ▼** or **VOL◄ ►** button.
Then press the **OK** button.
The set switches to the chosen program number.

■ Paging through a program list

There are 5 program list pages in which contain 100 programs.
Pressing the **CH ▲ ▼** or **VOL◄ ►** button repeatedly turns the pages.

Program List	
001 - - - - - - - - -	011 - - - - - - -
002 - - - - - - - - -	012 - - - - - - -
003 - - - - - - - - -	013 - - - - - - -
004 - - - - - - - - -	014 - - - - - - -
005 - - - - - - - - -	015 - - - - - - -
006 - - - - - - - - -	016 - - - - - - -
007 - - - - - - - - -	017 - - - - - - -
008 - - - - - - - - -	018 - - - - - - -
009 - - - - - - - - -	019 - - - - - - -
010 - - - - - - - - -	020 - - - - - - -

Position: ▲▼◄ ►   Confirm : OK
Exit: TV/AV
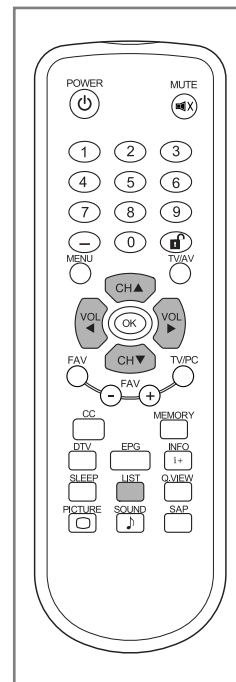
Picture Control

You can adjust picture Contrast, Brightness, Color, Sharpness and Tint to the levels you prefer.

Manual Picture Control

1   Press the **MENU** button.
2   Select the **Picture** menu with the **CH ▲ ▼** button, and press the **VOL◄ ►** button.
3   Select **Color Temperature** with the **VOL◄ ►** button.

```
            Picture
    ■ Color Temperature      ►
    ■ Contrast              75
    ■ Brightness           65
    ■ Color                75
    ■ Sharpness            80
    ■ Tint                  0

Position: ▲▼              Next: ◄►
Back: MENU              Exit: TV/AV
```

```
        Color Temperature
    ■ Standard
    ■ Reddish
    ■ Greenish
    ■ Bluish
    ■ User              R  G  B

Position: ▲▼
Back: MENU              Exit: TV/AV
```

```
            Picture
    ■ Color Temperature      ►
    ■ Contrast              75
    ■ Brightness           65
    ■ Color                75
    ■ Sharpness            80
    ■ Tint                  0

Position: ▲▼              Next: ◄►
Back: MENU              Exit: TV/AV
```

4   Press the **CH ▲ ▼** button to select a particular color tone.
    If you select User, you can control the value manually.
5   Press the **MENU** button to return to the prior menu.
6   Press the **CH ▲ ▼** button to select a picture item.
7   Press the **VOL◄ ►** button adjust the picture condition as you want.
8   Press the **TV/AV** button to store it.

Selected Item	Setting Change
Contrast	More darkness **VOL ◄** 0~100 **► VOL** More light
Brightness	Less bright **VOL ◄** 0~100 **► VOL** More bright
Color	Lower color intensity **VOL ◄** 0~100 **► VOL** Higher color intensity
Sharpness	Soft picture **VOL ◄** 0~100 **► VOL** Sharp picture
Tint	More purple **VOL ◄** -50~+50 **► VOL** More green
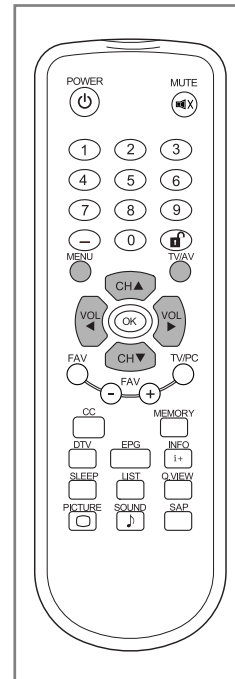
Picture Control

PICTURE Effect

1. Press the **PICTURE** (⬭)button.
2. Press the **PICTURE** (⬭)button repeatedly to select [PICTURE].

Each press of the button changes the screen display as below.

⬭ **Dynamic** → ⬭ **Standard** → ⬭ **Mild** → ⬭ **Game** → ⬭ **User**

- **Dynamic** : Vivid Picture Appearance
- **Standard** : Standard Picture Appearance
- **Mild** : Softer Picture Appearance
- **Game** : External Video Game Picture Setup
- **User** : Manual Picture Setup

Auto Sound Control

* The sound **Flat**, **Music**, **Movie** and **Speech** are programmed for good sound reproduction at the factory and cannot be changed.

Sound Control

You can select your preferred sound setting; Flat, Music, Movie or Speech and you can also adjust the sound frequency of equalizer, balance.
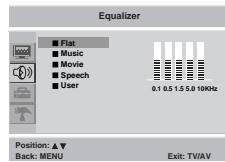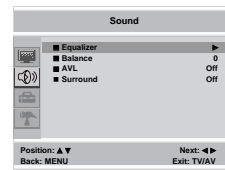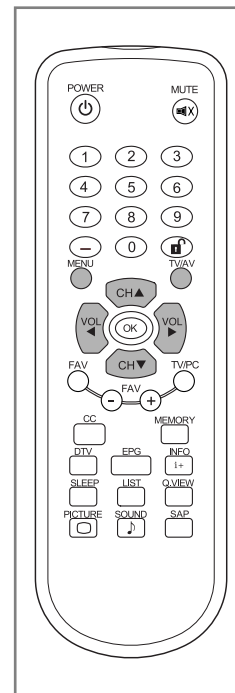
Manual Sound Control

1 Press the **MENU** button.
2 Select the **Sound** using the **CH ▲ ▼** button, and press the **VOL◄ ►** button.
3 Press the **CH ▲ ▼** button to select the desired sound item;
   Equalizer, **Balance**, **AVL** or **Surround**.
4 Press the **VOL◄ ►** button to make desired adjustment.
5 Press the **VOL◄ ►** button in **Equalizer** to set the **Equalizer**.

```
                    Equalizer

        ■ Flat
        ■ Music
        ■ Movie
        ■ Speech
        ■ User
                      0.1 0.5 1.5 5.0 10KHz


    Position: ▲ ▼
    Back: MENU                    Exit: TV/AV
```

6 Press the **CH ▲ ▼** button to select your preferred setting ;
   Flat, **Music**, **Movie**, **Speech** or **User**.
   To set the **Equalizer User**.
   a. Select **User** by pressing the **CH ▲ ▼** button.
   b. Select a sound band by pressing the **VOL◄ ►** button.
   c. Make appropriate sound level with the **CH ▲ ▼** button.
   d. Press the **MENU** button to return to preceding menu and the
      TV/AV button to return to normal TV viewing.
7 Select the **Balance** menu and adjust the balance of speakers.
8 Select the **AVL**(Automatic Volume Leveler) menu **On** or **Off**.
9 Select the **Surround** menu **On** or **Off.**
10 Press the **MENU** button to return to preceding menu and the **TV/AV** button to return to normal TV viewing.

```
                         Sound

        ■ Equalizer               ►
        ■ Balance                 0
        ■ AVL                     Off
        ■ Surround                Off


    Position: ▲ ▼              Next: ◄ ►
    Back: MENU               Exit: TV/AV
```

Sound Control

SOUND Effect

1   Press the **SOUND** (♪) button.
2   Press the **SOUND** (♪) button repeatedly to select.
Each press of the button changes the screen display as below.

♪ **Flat**	→	♪ **Music**	→	♪ **Movie**	→	♪ **Speech**	→	♪ **User**

• Choose **Flat** for the standard factory settings
• Choose **Music** when watching music video or concerts.
• Choose **Movie** when watching movies.
• Choose **Speech** when watching a show that is mostly dialogue.
• Choose **User** to recall your personalized settings.

Auto Sound Control

*   The sound **Flat**, **Music**, **Movie** and **Speech** are programmed for good sound reproduction at the factory and cannot be changed.

Parental Control

If used, this optional feature can "block" undesirable programming from appearing on the TV. Note: Parental Control is not available in PC Mode. To block Computer inputs, use the block AUX SOURCES option in the Parental Control menu in TV Mode; computer inputs will not be available.

Parental Control offers the user a wide variety of options and settings that restrict or "block" the programming that can appear on the TV. Parental control allows the user the capability of defining which program rating they consider accept-able, to the younger or more sensitive viewer. It can be preset and turned either on or off by the user who specifies the secret 4-number code, the password. The number of hours blocked are specified. General audience and children viewer blocks should both be programmed into the TV's memory. Viewer ratings are specified for both TV and the motion picture industry; both rating systems should be used, for complete coverage.

The ratings are based on the ages of children.

■ Overview

To insure complete coverage for all TV programs, (movies and regular TV shows) choose a rating for MPAA, from the selections below. AND choose ratings from the TV Parental Guidelines Rating System on the next page, using the Age Block option for General Audiences, and for Children. In addition to those, you may wish to add additional restrictions from the Content Block menu. See the Parental Control menu, and submenus example on the next page.

■ Things to Consider before Setting Up Parental Control

Determine which rating you consider acceptable to the viewer. (For example, if you choose TV-PG, all more restrictive ratings will be automatically blocked; the viewer will not be able to see: TV-PG, TV-14, or TV-MA rated programming.)

Do you want to block the auxiliary video source entirely? (Blocks the signal sent by the equipment, such as a VCR, connected to the TV Audio/Video input jacks; in the Aux. Block option.) Or leave unblocked, then choose allowable ratings.

Block program "Content" based on individual parameters such as: Strong Dialog, Bad Language, Sex Scenes, Violence Scenes, or Fantasy Violence Scenes; in the Content Blk option.

How many hours do you want Parental Control to be active? You can set the Hours option for up to 99 hours. If you want to set the hours option all the time, select the always. Select a secret password; in the Set Password option. Use the number keys on the remote. Don't forget the password, it is the only way you can access the Parental Control menu and change rating selections, or turn Parental Control off.

Do you want Parental Control to be active all the time? If not, you can turn it on or off with the Lock On/Off option.

* You can set different Parental Control viewing restrictions for general audiences and for children - - both can be active at the same time.

* Simply specifying one content block such as Sex Scenes, will not automatically block another content in the programs from appearing.

* Even if you choose to leave the Aux inputs unblocked, the ratings you specify will automatically restrict the programming that appears from the video sources.

* You cannot disable Parental Control by disconnecting the TV from power. Block hours will automatically reset to the original block time setting specified if power is disconnected.

1 Press the **MENU** button.

2 Select the **Special** menu.

3 Press the **CH ▲ ▼** button to select the **Parental Control**, then press the **VOL◄ ►** button.

4 The "**Enter Password**" screen will appear.
Enter your 4-digit password.
Note : The default Input password for a new TV set is "0000".

5 After entering a valid Enter password, the "Parental Control" screen will appear.

TV Rating

		ALL	FV	V	S	L	D
■ TV-Y		U					
■ TV-Y7		U	U				
■ TV-G		U					
■ TV-PG		U		U	U	U	U
■ TV-14		U		U	U	U	U
■ TV-MA		U		U	U	U	U

Position: ▲▼   Adjust : ◄►
Back: MENU   Exit: TV/AV

Enter Password

■ Enter Password   - - - -

Back: MENU   Exit: TV/AV

Parental Control

■ TV Rating	►
■ MPAA Rating	►
■ Change Password	►
■ AUX.Block Source	Unblocked
■ Block Hour	Always
■ Parental Lock	Off

Position: ▲▼   Next : ◄►
Back: MENU   Exit: TV/AV

MPAA Rating

■ G	U
■ PG	U
■ PG-13	U
■ R	U
■ NC-17	U
■ X	U
■ No Rating	U

Position: ▲▼   Adjust : ◄►
Back: MENU   Exit: TV/AV

Change Password

Enter Password	– – – –
Confirm Password	– – – –

Position: ▲▼   Next : ◄►
Back: MENU   Exit: TV/AV

6 Use the **VOL◄ ►** and **CH ▲ ▼** button to select and adjust or set the rating for the TV or MPAA.

7 Press the **VOL◄ ►** buttons to select the **TV Rating**.
Then press the **CH ▲ ▼** buttons to move to one of the six agebased categories in column and press the **VOL◄ ►** buttons to move to one of the levels in each row.

8 At this point, one of the TV-Ratings is selected.
Press the **CH ▲ ▼** buttons:
Depending on your existing setup, a letter 'U' or 'B' will be highlighted. (U=Unblocked, B=Blocked)

9 While the 'U' of 'B' is highlighted, press the **VOL◄ ►** buttons to block or unblock the category.
To select a different TV-Rating, press the **CH ▲ ▼** buttons with cursor in the first column.

10 Press the **VOL◄ ►** buttons to select the **MPAA Rating**. Then press the **CH ▲ ▼** buttons to select particular MPAA Rating. While a particular category is selected, press the **VOL◄ ►** buttons to active it. A highlighted letter ('U' or 'B') will be displayed.
Press the **CH ▲ ▼** buttons to change the 'U' or 'B'.

11 If you want to change password, select the **Change Password** menu.

12 Then enter your new password.

Re-enter the same 4 digits. Press the **OK** button to memorize your new password.

INFORMATION

MOTION PICTURE ASSOCIATION OF USA (MPAA) RATING SYSTEM

Grade		Meaning
G	General Audiences	Content not offensive to most viewers
PG	Parental Guidance Suggested	Content is such that parents may not want their children to view the program.
PG-13	Parental Strongly Cautioned	Program is inappropriate for preteens, with a greater degree of offensive material Suggested than a PG rated program
R	Restricted viewing	Not for children under age 17.Strong elements of sex and/or violence.
NC-17	No Children under age 17	Not for children under age 17 under any circumstances.Strong sexual content.
X	Hard Core Films	Same as NC-17 rating.
No Rating	No Rating	MPAA Not Rated

TV PARENTAL GUIDELINE RATING SYSTEM

Grade		Meaning
TV-Y	Young Children	Content not offensive to most viewers
TV-Y7	Children 7 and over	Considered suitable for children over 7, may contain Fantasy Violence Scenes.
TV-G	Parental Audience	Considered suitable for all audiences; children may watch unattended.
TV-PG	Parental Guidance	Suggested Unsuitable for younger children, may contain: Suggestive Dialog, Bad Language, Sex, and Violence Scenes
TV-14	Parents Strongly Cautioned	Unsuitable for children under 14, may contain: Strong Dialog, Bad Language, Sex, and Violence Scenes.
TV-MA	Mature Audience Only	Adults only, may contain: Strong Dialog, Bad Language, Sex, and Violence Scenes.

Note

The V-Chip will automatically block certain categories that are 'more restrictive'.
If you block TV-Y category, then TV-Y7 will be automatically blocked.
Similarly, if you block TV-G category, then all the categories in the 'young adult' will be blocked
(TV-G, TV-PG, TV-14 and TV-MA).

INFORMATION

The sub-rating of TV rating

Grade	Meaning
FV	Fantasy Violence
V	Violence
S	Sexual Situation
L	Adult Language
D	Sexual Suggestive Dialog

Note

The TV-Y7, TV-PG, TV-14 and TV-MA have additional options. See the next step to change.
To set the FV, D, L, S and V sub-ratings, first select one of these TV-Ratings: TV-Y7, TV-PG, TV-14 and TV-MA Next, while the TV-Ratings is highlighted, repeatedly press the **VOL◄ ►** buttons.
This will cycle through the available sub-ratings(FV, D, L, S or V).
A highlighted letter('U' or 'B') will be displayed or each sub-ratings.
While the 'U' or 'B' is highlighted. Press the **CH ▲ ▼** buttons to change the sub-ratings.

Captions

The captions is a process which converts the audio portion of a television program into written words which then appear on the television screen in a form similar to subtitles. Closed captions allow viewers to read the dialogue and narration of television programs.

Captions are the subtitles of the dialogue and narration of television programs. For prerecorded programs, program dialogue can be arranged into captions in advance. It's possible to caption a live program by using a process called real-time captioning, which creates captions instantly. Professional reporters using a machine shorthand system and computer for translation into English normally do real-time captioning.
Captioning is an effective system for the hearing-impaired and it can also aid in teaching language skills.
The picture at left shows a typical caption.

Poor reception conditions are encountered:

• IGNITION:

Picture may flutter, drift, suffer from black spots or horizontal streaking. Usually caused by interference from automobile ignition systems, neon lamps, electrical drills, and other electrical appliances.

• GHOSTS:

Ghosts are caused when the TV signal splits and follows two paths. One is the direct path and the other is reflected off tall buildings, hills or other objects. Changing the direction or position of the antenna may improve reception.

• SNOW:

If your receiver is located at the weak, fringe area of a TV signal, your picture may be marred by small dots. It may be necessary to install a special antenna to improve the picture.

An old, bad, or illegally recorded tape is played. Strong, random signals from a car or airplane interference with the TV signal. The signal from the antenna is weak. The program wasn't captioned when it was produced, transmitted or taped.

1 Press the **MENU** button.
2 Select the **Special** menu
3 Press the **CH ▲ ▼** buttons to select **Caption** menu.
4 Press the **VOL◄ ►** button, select the Caption mode.
5 Each time you press the **VOL◄ ►** buttons, the caption mode is displayed one by one as shown below.

OFF ➤ CC1 ➤ CC2 ➤ CC3 ➤ CC4

TEXT4 ◄ TEXT3 ◄ TEXT2 ◄ TEXT1

6 Press the **TV/AV** button
* This TV is programmed to remember which mode it was last set to, even if you switch the POWER off.

Special	
■ Blue Back	On
■ Auto Sleep	Off
■ Childlock	Off
■ Caption	Off
■ Parental Control	►
Version : A 1.0A D 1.0D	
Position: ▲▼	Adjust: ◄►
Back: MENU	Exit: TV/AV

Other functions

Blue Back

If no signal is being received or the signal is very weak, a blue screen automatically replaces the noisy picture background.
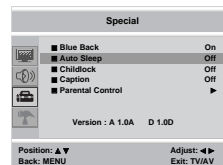If you wish to continue viewing the poor picture, you must select the Blue Back On. (Pressing the **VOL◄ ►** button will alternate between "On" and "Off".)

Special	
■ Blue Back	On
■ Auto Sleep	Off
■ Childlock	Off
■ Caption	Off
■ Parental Control	►
Version : A 1.0A	D 1.0D

Position: ▲▼   Adjust: ◄►
Back: MENU   Exit: TV/AV
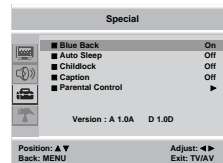
Auto sleep

If you select Auto sleep On the set will automatically switch itself to standby mode approximately ten minutes after a TV Channel stops broadcasting.

1. Press the **MENU** button.
2. Select the **Special** menu.
3. Press the **CH ▲ ▼** button to select **Auto sleep**.
4. Press the **VOL◄ ►** button to select **On**.
5. Press the **TV/AV** button to return to normal TV viewing.

Special	
■ Blue Back	On
■ Auto Sleep	Off
■ Childlock	Off
■ Caption	Off
■ Parental Control	►
Version : A 1.0A	D 1.0D

Position: ▲▼   Adjust: ◄►
Back: MENU   Exit: TV/AV

Childlock

Childlock menu is necessary in order to disable the buttons on the side panel of the set. Especially it is useful to prevent unauthorized viewing.

1. Press the **CH ▲ ▼** button to select **Childlock**.
2. Press the **VOL◄ ►** button repeatedly to select **On** or **Off**.

* When the setting is Childlock On, the buttons on the side panel of the set is disabled.
* When the setting is Childlock Off, the buttons on the side panel of the set is enabled.

Special	
■ Blue Back	On
■ Auto Sleep	Off
■ Childlock	Off
■ Caption	Off
■ Parental Control	►
Version : A 1.0A	D 1.0D

Position: ▲▼   Adjust: ◄►
Back: MENU   Exit: TV/AV
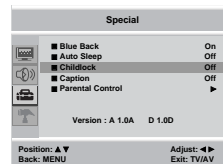
Other functions

Sleep timer

You don't have to remember to switch the set off before you go to sleep. The sleep timer automatically switches the set to standby after the preset time elapses.
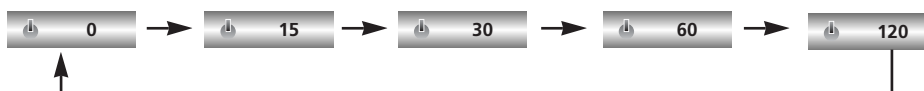Press the **SLEEP** button to select the number of minutes.
The display will appear on the screen on the screen, followed by **0, 15, 30, 60, 120**.
The timer begins to count down from the number of minutes selected.

Note	a. To view the remaining sleep time, press the **SLEEP** button once.
	b. To cancel the sleep time, repeatedly press the **SLEEP** button until the display appears.

0 → 15 → 30 → 60 → 120

SAP

Press the **SAP** button. You can select the sound output system-Stereo, Mono and SAP and the language during dual language broadcast.
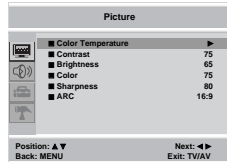
Digital TV Setting up

This function is possible only when the set is in DTV mode.
Use the **TV/AV** or **DTV** button on remote controller.
You can adjust picture Contrast, Brightness, Color and Sharpness to the levels you prefer.
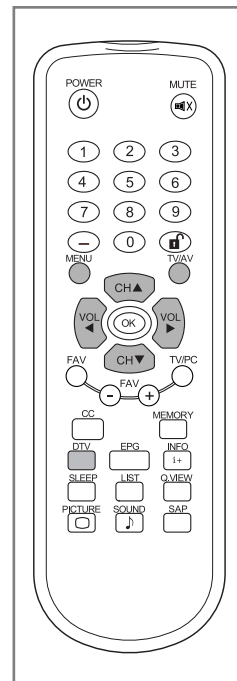
Picture Control

1   Press the **MENU** button.
2   Select the **Picture** menu with the **CH ▲ ▼** button, and press the **VOL◄ ►** button.
3   Select **Color Temperature** with the **VOL◄ ►** button.

Picture	
■ Color Temperature	►
■ Contrast	75
■ Brightness	65
■ Color	75
■ Sharpness	80
■ ARC	16:9

Position: ▲ ▼   Next: ◄ ►
Back: MENU   Exit: TV/AV

Color Temperature	
■ Standard	
■ Reddish	
■ Greenish	
■ Bluish	
■ User	R G B

Position: ▲ ▼
Back: MENU   Exit: TV/AV

4   Press the **CH ▲ ▼** button to select a particular color tone.
    If you select User, you can control the value manually.
5   Press the **MENU** button to return to the prior menu.
6   Press the **CH ▲ ▼** button to select a picture item.
7   Press the **VOL◄ ►** button adjust the picture condition as you want.
8   Press the **TV/AV** button to store it.

Selected Item	Setting Change
Contrast	More darkness **VOL ◄** 0~100 **► VOL** More light
Brightness	Less bright **VOL ◄** 0~100 **► VOL** More bright
Color	Lower color intensity **VOL ◄** 0~100 **► VOL** Higher color intensity
Sharpness	Soft picture **VOL ◄** 0~100 **► VOL** Sharp picture

Picture

Picture	
■ Color Temperature	►
■ Contrast	75
■ Brightness	65
■ Color	75
■ Sharpness	80
■ ARC	16:9

Position: ▲ ▼   Next: ◄ ►
Back: MENU   Exit: TV/AV
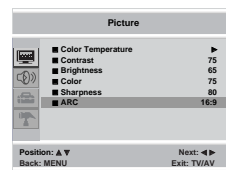
Digital TV Setting up

ARC(Aspect Ratio Control)

You can watch TV in various picture formats; **16:9**, **4:3**.

16:9 You can enjoy the cinema or general TV programme through the 16:9 mode.
The screen 16:9 is viewed just like that but the screen 4:3 is magnified to the left and right so that the screen 16:9 is full.

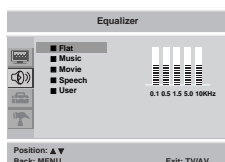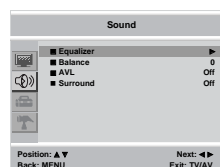**4:3** This picture format is 4 to 3 of general TV.

	Picture	
■ Color Temperature		►
■ Contrast		75
■ Brightness		65
■ Color		75
■ Sharpness		80
■ ARC		16:9

Position: ▲▼   Next: ◄►
Back: MENU   Exit: TV/AV

4 : 3

16 : 9

> ARC function not available when the Program Format is SD(480).
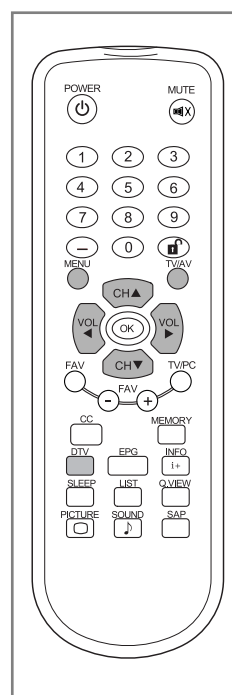
Note

Digital TV Setting up

You can select your preferred sound setting; Flat, Music, Movie or Speech and you can also adjust the sound frequency of equalizer, balance.

Sound Control

1 Press the **MENU** button.
2 Select the **Sound** using the **CH ▲ ▼** button, and press the **VOL◄ ►** button.
3 Press the **CH ▲ ▼** button to select the desired sound item;
   Equalizer, **Balance**, **AVL** or **Surround**.
4 Press the **VOL◄ ►** button to make desired adjustment.
5 Press the **VOL◄ ►** button in **Equalizer** to set the **Equalizer**.

	Sound	
■ Equalizer		►
■ Balance		0
■ AVL		Off
■ Surround		Off

Position: ▲▼   Next: ◄►
Back: MENU   Exit: TV/AV

	Equalizer
■ Flat	
■ Music	
■ Movie	
■ Speech	
■ User	
	0.1 0.5 1.5 5.0 10KHz

Position: ▲▼
Back: MENU   Exit: TV/AV

6 Press the **CH ▲ ▼** button to select your preferred setting ;
   Flat, **Music**, **Movie**, **Speech** or **User**.
   To set the **Equalizer User**.
   a. Select **User** by pressing the **CH ▲ ▼** button.
   b. Select a sound band by pressing the **VOL◄ ►** button.
   c. Make appropriate sound level with the **CH ▲ ▼** button.
   d. Press the **MENU** button to return to preceding menu and the
      TV/AV button to return to normal TV viewing.
7 Select the **Balance** menu and adjust the balance of speakers.
8 Select the **AVL**(Automatic Volume Leveler) menu **On** or **Off**.
9 Select the **Surround** menu **On** or **Off.**
10 Press the **MENU** button to return to preceding menu and the **TV/AV** button to return to normal TV viewing.

Digital TV Setting up

H/V Position Control

This function is to adjust picture to left/right and up/down as you prefer.

1   Press the **MENU** button.
2   Select the **Setup** menu.
3   Press the **CH ▲ ▼** button to select the desired item.
4   Press the **VOL◄ ►** button to make desired adjustment.
5   Press the **TV/AV** button to return to normal TV viewing.

Setup	
■ H-Position	0
■ V-Position	0
■ Reset	

Position: ▲▼   Adjust: ◄►
Back: MENU   Exit: TV/AV
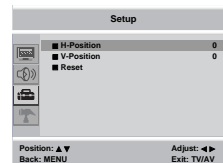
■ H-Position (Horizontal Position)

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

■ V-Position(Vertical Position)

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

■ Reset

This function allows you to return to the picture, sound, H/V position reproduction programmed at the factory and cannot be changed.
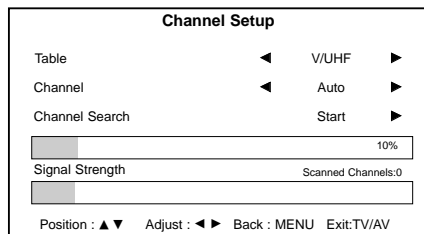
Setting up TV Program

All channel that can be received are stored by this method.
Press the **CH ▲ ▼** button or numeral buttons to select programmed channel.

1 Press the **MENU** button.

2 Select the **DTV Setup** menu with the **CH ▲ ▼** button.

3 Select the **Channel Setup** menu and press the **VOL◄ ►** button to enter **Channel Setup** menu.

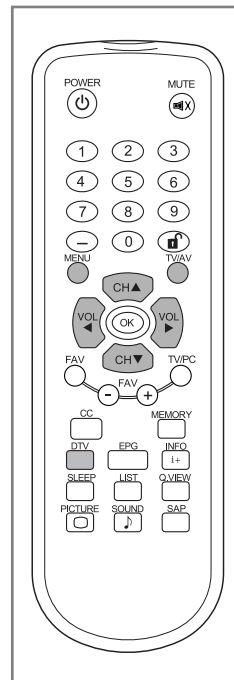4 Press the **VOL◄ ►** button to select **V/UHF, Cable STD, Cable HRC** or **Cable IRC.**

```
                    Channel Setup

     Table                  ◄     V/UHF      ►

     Channel                ◄     Auto       ►

     Channel Search               Start      ►

                                              10%
     Signal Strength              Scanned Channels:0


          Position : ▲ ▼    Adjust : ◄ ►   Back : MENU   Exit:TV/AV
```
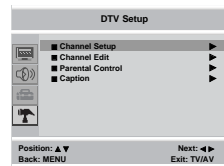
5 Press the **CH ▲ ▼** button to select **Channel** and press the **VOL◄ ►** button to select **Auto** or **Manual**.
    Auto Channel Search - Use the **VOL◄ ►** button to select Auto.
    Then use the **CH ▲ ▼** button to select **Channel Search** and press the **VOL►** button to start.
    Manual Channel Search - Use the number button to select channel that you want to scan.

6 Press the **MENU** button to return to prior menu.

7 Press the **TV/AV** button to return to normal TV viewing.

```
                          DTV Setup

                  ■ Channel Setup        ►
                  ■ Channel Edit         ►
                  ■ Parental Control     ►
                  ■ Caption              ►



  Position: ▲ ▼                    Next: ◄ ►
  Back: MENU                       Exit: TV/AV
```
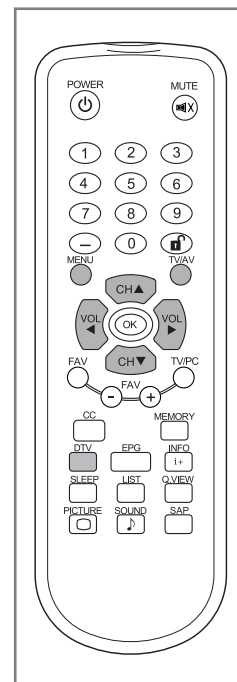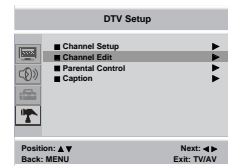
Digital TV Setting up

Channel Edit

Channel that can be received displays and select your favorite channels to watch among the be set channels.

1   Press the **MENU** button.
2   Select the **DTV Setup** menu with the **CH ▲ ▼** button and press the **VOL◄ ►** button to enter **DTV Setup** menu.
3   Select the **Channel Edit** menu and press the **VOL◄ ►** button to enter **Channel Edit** menu.
4   Display current received channel.

<table>
<tr><th colspan="4">Channel Edit</th></tr>
<tr><th>Channel</th><th>Add</th><th>Favorite</th><th></th></tr>
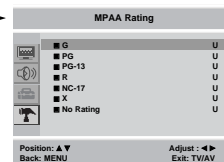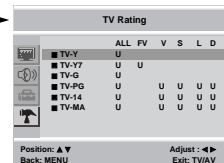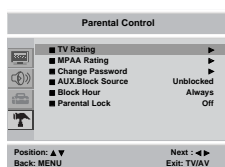<tr><td>6-1</td><td></td><td></td><td>▲</td></tr>
<tr><td>7-1</td><td></td><td></td><td></td></tr>
<tr><td>11-1</td><td></td><td></td><td></td></tr>
<tr><td>22-1</td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td>▼</td></tr>
</table>

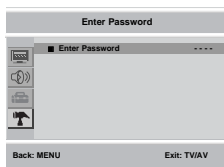Position : ▲ ▼ ◄ ►   √ : OK   Back : MENU   Exit:TV/AV

5   Press the **CH ▲ ▼** button to select a channel as a favorite channel, then press the **OK** button to select your favorite channels.
    Press the **OK** button again to deselect the selected channel.
6   To save your selections and exit setup, press the **TV/AV** button.

DTV Setup

■ Channel Setup   ►
■ Channel Edit   ►
■ Parental Control   ►
■ Caption   ►

Position: ▲▼   Next: ◄►
Back: MENU   Exit: TV/AV

1 Press the **MENU** button.

2 Select the **DTV Setup** menu.

3 Press the **CH ▲ ▼** button to select the **Parental Control**, then press the **VOL◄ ►** button.

4 The "**Enter Password**" screen will appear.
   Enter your 4-digit password.
   Note : The default Input password for a new TV set is "0000".

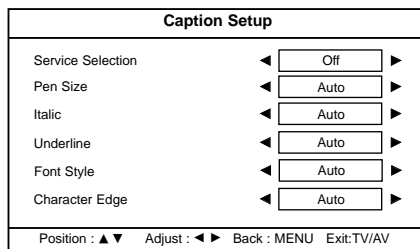5 After entering a valid Enter password, the "Parental Control" screen will appear.

TV Rating

	ALL	FV	V	S	L	D
■ TV-Y	U					
■ TV-Y7	U	U				
■ TV-G	U					
■ TV-PG	U		U	U	U	U
■ TV-14	U		U	U	U	U
■ TV-MA	U		U	U	U	U

Position: ▲▼   Adjust : ◄►
Back: MENU   Exit: TV/AV

MPAA Rating

■ G	U
■ PG	U
■ PG-13	U
■ R	U
■ NC-17	U
■ X	U
■ No Rating	U

Position: ▲▼   Adjust : ◄►
Back: MENU   Exit: TV/AV

Enter Password

■ Enter Password   – – – –

Back: MENU   Exit: TV/AV

Parental Control

■ TV Rating	►
■ MPAA Rating	►
■ Change Password	►
■ AUX.Block Source	Unblocked
■ Block Hour	Always
■ Parental Lock	Off

Position: ▲▼   Next : ◄►
Back: MENU   Exit: TV/AV

Change Password

Enter Password   – – – –
Confirm Password   – – – – .

Position: ▲▼   Next : ◄►
Back: MENU   Exit: TV/AV

6 Use the **VOL◄ ►** and **CH ▲ ▼** button to select and adjust or set the rating for the TV or MPAA.

7 Press the **VOL◄ ►** buttons to select the **TV Rating**.
   Then press the **CH ▲ ▼** buttons to move to one of the six agebased categories in column and press the **VOL◄ ►** buttons to move to one of the levels in each row.

8 At this point, one of the TV-Ratings is selected.
   Press the **CH ▲ ▼** buttons:
   Depending on your existing setup, a letter 'U' or 'B' will be highlighted. (U=Unblocked, B=Blocked)

9 While the 'U' of 'B' is highlighted, press the **VOL◄ ►** buttons to block or unblock the category.
   To select a different TV-Rating, press the **CH ▲ ▼** buttons with cursor in the first column.

10 Press the **VOL◄ ►** buttons to select the **MPAA Rating**. Then press the **CH ▲ ▼** buttons to select particular MPAA Rating. While a particular category is selected, press the **VOL◄ ►** buttons to active it. A highlighted letter ('U' or 'B') will be displayed.
   Press the **CH ▲ ▼** buttons to change the 'U' or 'B'.

11 If you want to change password, select the **Change Password** menu.

12 Then enter your new password.

Re-enter the same 4 digits. Press the **OK** button to memorize your new password.

Digital TV Closed Caption

Caption Setup

You can set DTV captions that appear on your screen.

1 Press the **MENU** button to display **Main Menu**.
   Then use **CH ▲ ▼** button to select the **DTV Setup** menu.
2 Press the **VOL◄ ►** button to enter **Caption** menu
   Then use **CH ▲ ▼** button to select **Caption Setup** menu.
3 Press the **VOL◄ ►** and **CH ▲ ▼** button to set.
4 Use **VOL◄ ►** button to set to your preference.
5 Press **TV/AV** button to return to TV viewing or press **MENU** button to return to the previous menu.

Caption Setup		
Service Selection	◄ Off ►	
Pen Size	◄ Auto ►	
Italic	◄ Auto ►	
Underline	◄ Auto ►	
Font Style	◄ Auto ►	
Character Edge	◄ Auto ►	
Position : ▲ ▼ Adjust : ◄ ► Back : MENU Exit:TV/AV		

* **Service Selection**: Choose the language you want the DTV Captions to appear in.
* **Pen Size**: Set the size the words will appear in.
* **Italic**: Choose a italic for the words.
* **Underline**: Choose a underline for the words.
* **Font Style**: Select a typeface for the words.
* **Character Edge**: Select an edge type.

Note

The captions function operates on analog and digital TV mode concurrently.

DTV Setup

- Channel Setup ►
- Channel Edit ►
- Parental Control ►
- Caption ►
- ARC 16:9

Position: ▲ ▼   Next: ◄ ►
Back: MENU   Exit: TV/AV

Caption

- Caption Setup ►
- Caption color ►

Position: ▲ ▼   Next: ◄ ►
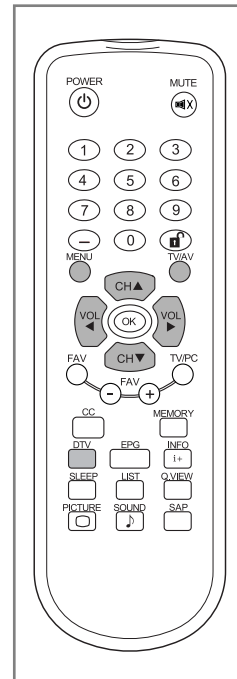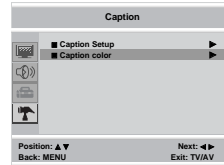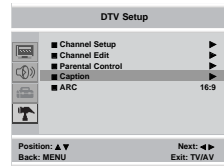Back: MENU   Exit: TV/AV
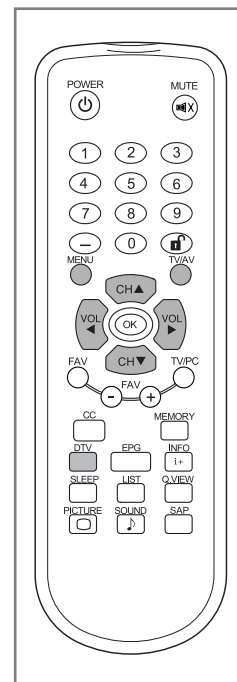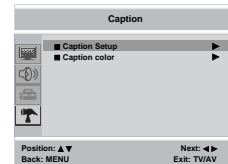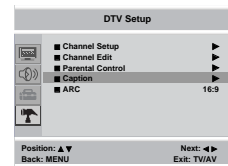
Digital TV Closed Caption

Caption Color

You can set DTV captions color(text, background) that appear on your screen.

1   Press the **MENU** button to display **Main Menu**.
    Then use **CH ▲ ▼** button to select the **DTV Setup** menu.
2   Press the **VOL◄ ►** button to enter **Caption** menu.
    Then use **CH ▲ ▼** button to select **Caption Color** menu.
3   Press the **VOL◄ ►** and **CH ▲ ▼** button to set.
4   Use **VOL◄ ►** button to set to your preference.
5   Press **TV/AV** button to return to TV viewing or press **MENU** button to
    return to the previous menu.

Caption Color		
Text Color	◄ Auto ►	
Text Opacity	◄ Flash ►	
Background Color	◄ Auto ►	
Background Opacity	◄ Auto ►	

Position : ▲ ▼   Adjust : ◄ ►   Back : MENU   Exit:TV/AV

*   **Text Color** : Choose a color for the text.
*   **Text Opacity** : Specify the opacity for the text color.
*   **Background Color** : Select a background color.
*   **Background Opacity** : Select the opacity for the
    background color.

DTV Setup

■ Channel Setup   ►
■ Channel Edit   ►
■ Parental Control   ►
■ Caption   ►
■ ARC   16:9

Position: ▲ ▼   Next: ◄ ►
Back: MENU   Exit: TV/AV

Caption

■ Caption Setup   ►
■ Caption color   ►

Position: ▲ ▼   Next: ◄ ►
Back: MENU   Exit: TV/AV

External
Equipment Connection

You can connect additional equipment, such as VCRs, camcorders etc. to your set.
Examples are shown below.

Antenna connection

Connect RF out on the VCR to the Antenna input on the rear of the TV.
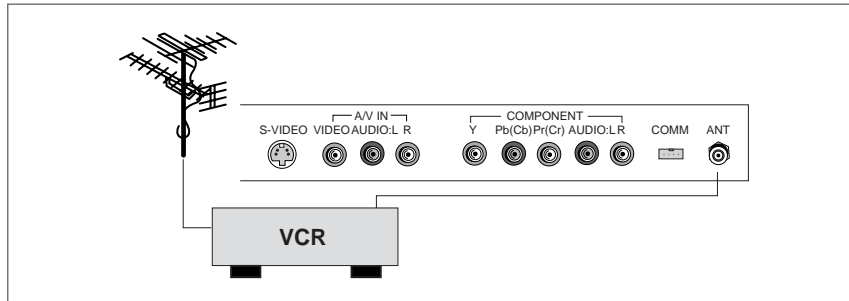

COMPONENT IN

1   Use a component video cable to connect the DVD player's Y/Pb/Pr jacks to the TV's
    Y/Pb(Cb)/Pr(Cr) jacks.

> The Y/Pb/Pr jacks on your DVD player are sometimes labeled Y/Cb/Cr or Y/B-Y/R-Y.
> If so, connect the cables to like colors.

Note

2   Use an audio cable to connect the DVD player's Audio OUT jacks to the TV's Audio IN jacks.
    Be sure to use the upper side of inputs that you used for the video connection.
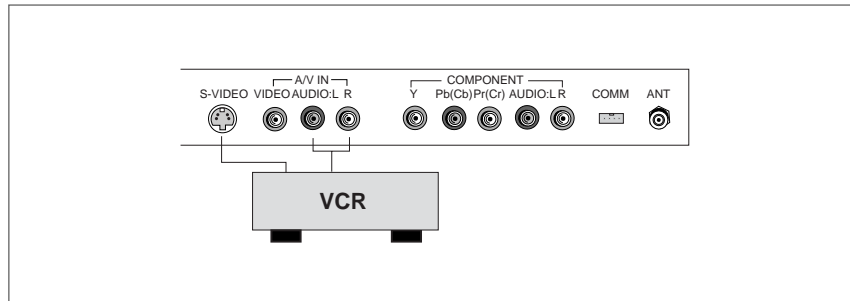3   Use the **TV/AV** button to select **COMPONENT** mode.
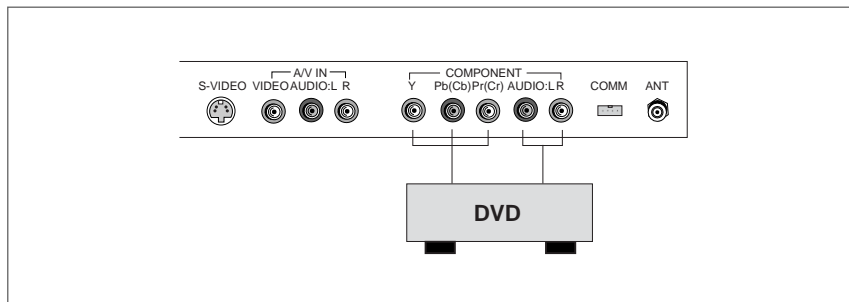
External
Equipment Connection

S-VIDEO IN

If the optional equipment you are connecting has an **S-VIDEO** jack, you can use an S-VIDEO cable for improved picture quality(compared to an A/V cable). Because S-VIDEO carries only the video signal, you also need to connect **AV IN** audio jacks for sound.
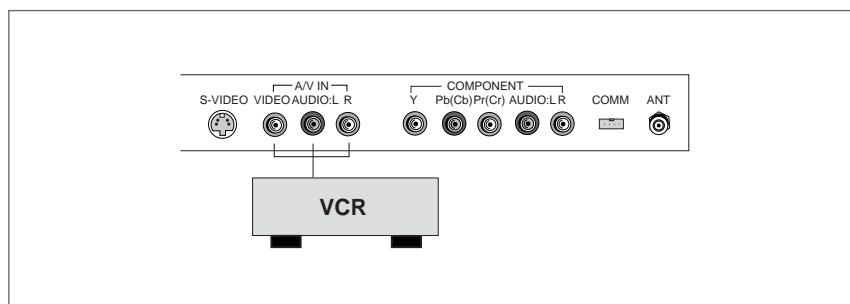
The VCR playback picture appears on the screen.

AV IN

1   Connect the AV out jacks on the AV device to the AV IN jack on the TV.
2   Use the **TV/AV** button to select **VIDEO** mode.
3   Press the **PLAY** button on the VCR.

The VCR playback picture appears on the TV screen.

External
Equipment Connection

PC Connection

1 Connect the PC IN cable (D sub cable) from the monitor output socket of the PC to the **PC-ANALOG** socket of the set.
2 Connect the **PC AUDIO IN** cable from the PC to the **PC AUDIO IN** of the set.
3 Press the **TV/AV** button to select **PC-ANALOG** mode.
4 Switch on the PC, and the PC screen appears on the set.

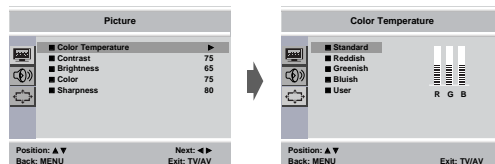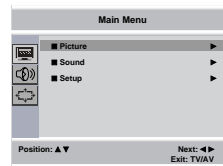The set can be operated as the PC monitor.
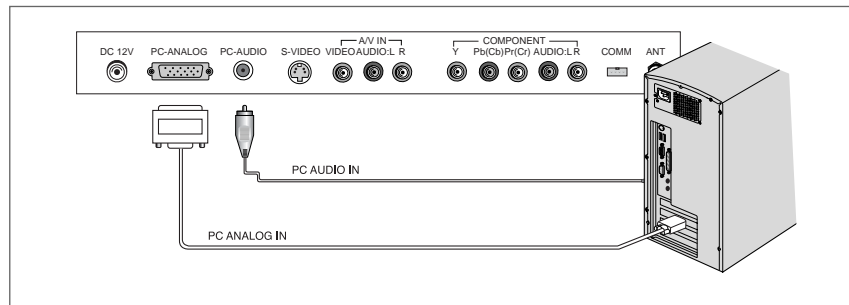
Connecting the PC as a monitor

This function is possible only when the set is in PC mode.
Use the **TV/AV** or **TV/PC** button on remote controller.

Picture adjustment

You can adjust picture Color Temperature, Contrast, Brightness, Color, Sharpness as you prefer.

1. Press the **TV/AV** button to select the **COMPONENT**, **PC-ANALOG** mode.
2. Press the **MENU** button.
3. Select the **Picture**.
4. Select **Color Temperature** using the **VOL◄ ►** button.

Picture	
■ Color Temperature	►
■ Contrast	75
■ Brightness	65
■ Color	75
■ Sharpness	80

Position: ▲▼   Next: ◄►
Back: MENU   Exit: TV/AV

Color Temperature	
■ Standard	
■ Reddish	
■ Greenish	
■ Bluish	
■ User	R G B

Position: ▲▼
Back: MENU   Exit: TV/AV

Main Menu

■ Picture ►
■ Sound ►
■ Setup ►

Position: ▲▼   Next: ◄►
Exit: TV/AV

5. Press the **CH ▲ ▼** button to select a particular color tone.
   If you select **User**, you can control the value manually.
6. Press the **MENU** button to return to the prior menu.
7. Press the **CH ▲ ▼** button to select a picture item.
8. Press the **VOL◄ ►** button to adjust the picture condition as you want.
9. Press the **TV/AV** button to store it.

■ Contrast

This function is to adjust picture to light/dark.

■ Brightness

This function is to adjust brightness of picture.

■ Color

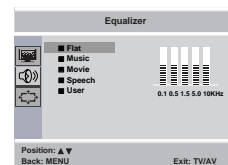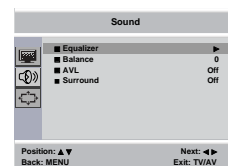This function is to adjust intensity of the color.

■ Sharpness

Adjust to sharpen or soften the picture.

Connecting the PC as a monitor

Sound adjustment

1 Press the **MENU** button.
2 Select the **Sound** menu.
3 Press the **CH ▲ ▼** button to select the desired sound item;
   Equalizer, **Balance**, **AVL** or **Surround**.
4 Press the **VOL◄ ►** button to make desired adjustment.
5 Press the **VOL◄ ►** button in **Equalizer** to set the **Equalizer**.
6 Press the **CH ▲ ▼** button to select your preferred setting ;
   Flat, **Music**, **Movie**, **Speech** or **User**.
   To set the **Equalizer User**.
   a. Select **User** by pressing the **CH ▲ ▼** button.
   b. Select a sound band by pressing the **VOL◄ ►** button.
   c. Make appropriate sound level with the **CH ▲ ▼** button.
   d. Press the **MENU** button to return to preceding menu.
7 Press the **CH ▲ ▼** button to the **Balance** menu.
8 Select the **Balance** menu with the **VOL◄ ►** button and adjust
   the balance of speaker.
9 Select the **AVL**(Automatic Volume Leveler) menu **On** or **Off**.
10 Select the **Surround** menu **On** or **Off**.
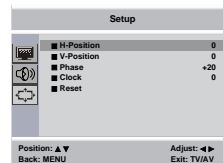11 Press the **TV/AV** button to store it.

Sound	
■ Equalizer	►
■ Balance	0
■ AVL	Off
■ Surround	Off

Position: ▲▼   Next: ◄►
Back: MENU   Exit: TV/AV

Equalizer	
■ Flat	
■ Music	
■ Movie	
■ Speech	
■ User	0.1 0.5 1.5 5.0 10KHz

Position: ▲▼
Back: MENU   Exit: TV/AV

Connecting the PC as a monitor

Setup

This function is to adjust picture to left/right and up/down as you prefer.

1   Press the **MENU** button.
2   Select the **Setup** menu.
3   Press the **CH ▲ ▼** button to select the desired item.
4   Press the **VOL◄ ►** button to make desired adjustment.
5   Press the **TV/AV** button to exit menu.

Setup	
■ H-Position	0
■ V-Position	0
■ Phase	+20
■ Clock	0
■ Reset	

Position: ▲▼   Adjust: ◄►
Back: MENU   Exit: TV/AV

■ H-Position (Horizontal Position)

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

■ V-Position(Vertical Position)

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

■ Phase

This function allows you to remove any horizontal noise and clear or sharpen the image of characters.

■ Clock

This function is to minimize any vertical bars or stripes visible on the screen background. And the horizontal screen size will also change.

	This mediation range is different according to the supported resolution.

Note

■ Reset

This function allows you to return to the good picture reproduction programmed at the factory and cannot be changed.

Connecting the PC as a monitor

Resolution

Mode	Resolution	Horizontal frequency (KHz)	Vertical frequency (Hz)
VGA	640 x 480	31.5 KHz	60 Hz
	720 x 400	31.4 KHz	70 Hz
SVGA	800 x 600	37.9 KHz	60 Hz
XGA	1024 x 768	48.4 KHz	60 Hz
WXGA	720 x 480p	31.5 KHz	60 Hz
	720 x 576p	31.2 KHz	50 Hz
	1280 x 720p	45.0 KHz	60 Hz
	1280 x 720p	37.5 KHz	50 Hz
	1920 x 1080i	33.7 KHz	60 Hz
	1920 x 1080i	28.1 KHz	50 Hz

Note

a   If possible, use the VESA 1024x768@60Hz video mode to obtain the best image quality for your LCD monitor. If used under the other resolutions, some scaled or processed pictures may appear on the screen.

b   Some dot defects may appear on the screen, like Red, Green or Blue spots.
    However, this will have no impact or effect on the monitor performance.

Product Specifications

Model	TM154a
Television system	DTV-ATSC (VSB, Clear QAM) / TV-NTSC
Television programme	Air VHF: 2~69 Cable Std 2~125 Cable HRC/IRC 1~125(NTSC) Air VHF: 2~69 Cable Std 2~134 Cable HRC/IRC 1~134(ATSC/QAM)
LCD Panel	15" TFT LCD
Panel Resolution	XGA(1024 x 768)
Power consumption	45W
External antenna impedance	75Ω
Audio output	1W +1W
External IN/OUT ports	• DC IN • PC ANALOG IN • PC AUDIO IN • S-VIDEO IN • AV IN • COMPONENT IN • COMM. PORT • ANTENNA IN
AC/DC Power Adaptor	AC 100-240V, 50/60Hz, DC 12V, 5.0A
Dimension	W x H x D = 390 mm x 350 mm x 180 mm
Weight	4.27 kg

* All rights reserved for technical modifications.

Troubleshooting

Problem	Check item
No picture on screen and no sound from speakers.	• Make sure the TV set is not in the standby mode (The POWER/Standby indicator is red.) • Turn on the MAIN POWER button on the top of the display.
No picture/No picture from AV terminal.	• Check the brightness setting of the display. • Lamp may have malfunction. • Make sure a cable with no VIDEO input signal is connected to the S-VIDEO INPUT terminal.
Picture is displayed, but no sound from the speakers.	• Check the sound setting. • Make sure the sound is not muted. • Make sure the connectors of the optional speaker system are securely inserted. • Make sure the setting of AV OUTPUT terminal
Picture is too light	• Make sure COLOUR and CONTRAST settings.
Picture is too dark.	• Make sure BRIGHTNESS setting is not set too low. • Check to see if BRIGHTNESS setting • Lamp may have malfunction.
Remote control does not work.	• Change the batteries. • Make sure the infrared transmitter window is not receiving strong light such as light from fluorescent lamps.
No picture from AV OUT terminal.	• Make sure AV INPUT is not set. • Make sure the input source other than AV
The picture is not sharp. The picture moves.	• The reception may be weak. • The state of the broadcast may also be bad. • Make sure the antenna is facing the right direction. • Make sure the outside antenna is not disconnected.
The picture is doubled or tripled.	• Make sure the antenna is facing the right direction. • There may be reflected electric waves from mountains or buildings.
The picture is spotted.	• There may be interference from automobiles, trains, high voltage lines, neon lights, etc. • There may be interference between the antenna cable and power cable. Try positioning them further apart.
There are stripes on the screen or colour fade.	• Is the unit receiving interference from other devices? Transmission antennas of radio broadcasting stations and transmission antennas of amateur radios and cellular phones may also cause interference. • Use the unit as far apart as possible from devices that may cause possible interference.

Limited Warranty

Standard 12 Month International Warranty
Terms and Conditions

This is limited warranty that applies that applies to only Majestic Products and in countries that have an Authorized distributor.

Majestic Global will only cover the Warranty under the following terms and conditions:

1. Majestic equipment failure due to faulty workmanship or component failure.
2. If other interfaced or connected devices are Majestic only. Example (speakers, DVD players must be Majestic)
3. Customer can provide proof of purchase to majestic Global or its Authorised Service department.
4. The Majestic product must not be opened or disassembled without written permission from Majestic Global or its Service Department.

Majestic Global will not be held responsible for:-

a. Any form of removal or transportation cost of the faulty item to Majestic or its service department.
b. Loss or damage of the product in transit to or from the service centres.
c. Damage arising to other products that may have been connected or interfaced with a Majestic product.
d. Any form of damage or third party damage arising from the Majestic product including examples Fire, explosion, electric shock or any other form of damage.
e. Failure due to fair wear and tear on the product.
f. Failure of the product due to external physical damage, including examples of water, dropping the unit, lightning strike, over voltage or any other form of external forces.
g. Failure to have the product installed by a non-technically qualified person.
h. Any Majestic product not meeting the specifications published - due to technical upgrades.
i. Loss of income or possible damages due to failure of the unit in any form.
j. Any form of Loss, Damage, Inconvenience or be held liable in any form.

For further details regarding Majestic's Stadard and Optional 3 Year Warranty please see our website:

www.majestic-global.com

Note

Note

Note

MAJESTIC ®