# User Manual

# MAGNASONIC

- ☐ 19605MHD
- ☐ 19"HD-Ready LCD TV
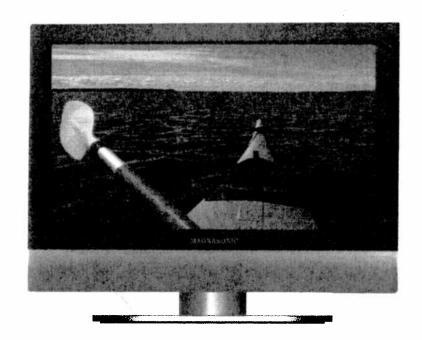
# Table Of Contents

# Important Safety Instructions

**CAUTION**

**RISK OF ELECTRIC SHOCK**
**DO NOT OPEN!**

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

**POWER SUPPLY:**
Connect the supplied adapter to the side of the player in the slot marked "Power In". Plug the two-prong end of the power cord to an AC100-240V outlet. If you have difficulty inserting the plug, turn it over and reinsert it, if the unit will not the used for a long time, disconnect the plug from the outlet.

**NOTE:**
Before plugging the power cord into an AC outlet, make sure that all the connections have been made.

**CAUTION:** These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
Refer to service manual for servicing instructions.

# Important Safety Instructions

## Note:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on bed, sofa or anything that blocks ventilation. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

*Note: Do not touch the colour TFT LCD screen by hand directly.*

# LCD Features

This product incorporates LCD display and TV receiver in one system.

## Multiple Mode
**Component mode**
**VGA mode**
**TV mode**
**Composite mode**
**S-VIDEO mode**

## High Quality Property

**LCD (Liquid Crystal Display)**
Designed with 19" colour TFT liquid crystal display.

**Stereo amplifier**
Built-in 2x5w speakers provide high quality sound.

**Multi-Screen Aspect Ratio**
Support several different screen aspect ratio.

**AV and VGA Input**
Can be connected external audio and video signal source and PC.

**Special Function**
Support sleep time setting function.
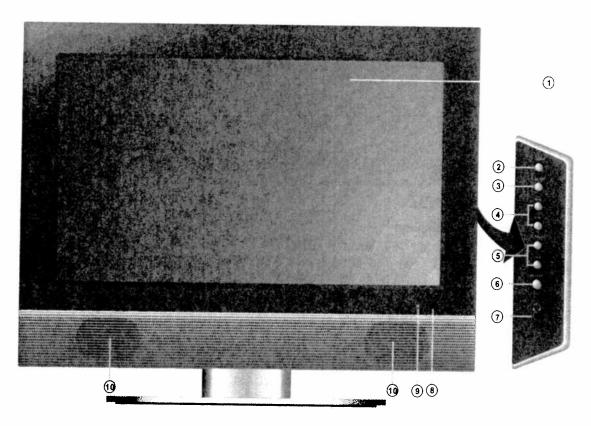
**Multi-audio and Multi-video modes**
Support multi-audio and multi-video modes, provide more selecting.

**Auto TV Searching Function**
Can be connected to the TV antenna, support Auto TV programs searching function.

**NOTE:** It is normal for a TFT screen to experience some light or dark spots appearing on the LCD screen.

# Front Panel



1. **19" colour TFT screen**
2. **SOURCE button**
   Press to select the modes: Component, VGA, TV, Composite or S-VIDEO.
3. **MENU button**
   Press to enter or exit setup menu.
4. **CH ▲/▼ button**
   In the TV mode, press to select channels.
5. **VOL ▲/▼ button**
   Press to adjust the volume.
6. **Power button**
   Press to enter or exit the standby mode.
7. **Headphone Jack**
   When connected to headphone, the internal speakers will automatically turn off.
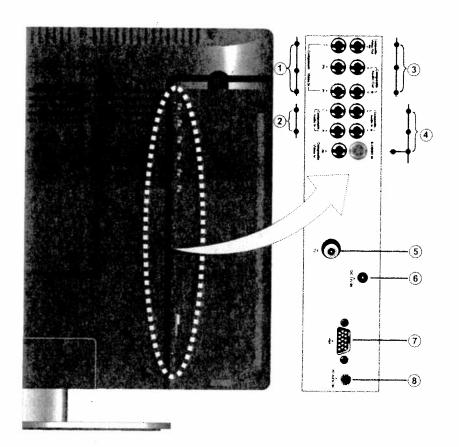8. **Remote Sensor**
   Remote sensor window for the remote control.
9. **Power Indicator**
   In normal playback status, it is blue; in standby mode, it turns red.
10. **Speakers**
    Two speakers output high quality stereo sound.

# Rear Panel



1. **Y/Pb/Pr Input Jack**
   Connected to the Y/Pb (Cb)/Pr (Cr) input in Component mode.

2. **L/R Audio Input Jack**
   Connected to the L/R audio input in Component mode.

3. **AV Output Jacks**
   Connected to the external AV input device.

4. **AV and S-Video Input Jacks**
   In the S-VIDEO mode, connected to S-VIDEO signal input.
   In the Composite mode, connected to the external video signal input.
   The L/R audio input jacks can be used in the both S-VIDEO and Composite modes.

5. **TV Signal Input Jack**
   Connected for the external NTSC TV signal input.

6. **DC 12V In Jack**
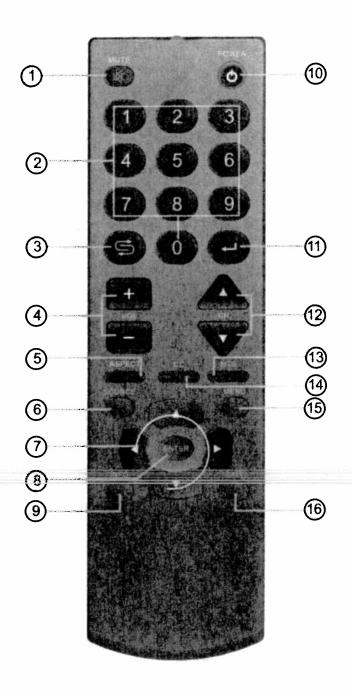   Connected to power adapter.

7. **VGA Input Jack**
   Connected to the VGA output jack on a personal computer.

8. **PC AUDIO Input Jack**
   Connected to the PC audio output jack.

# Remote Control

## Remote Control Drawing

# Remote Control

1. **MUTE button**
   Press to turn on or off the speaker output.
2. **0~9 Number buttons**
   Press to select numbers.
3. **⟳ LAST button**
   In the TV mode, press to return to the channel last viewed.
4. **VOL +/- button**
   Press to increase or decrease the volume.
5. **ASPECT button**
   Press to select screen aspect ratio.
6. **SOURCE button**
   Press to select the mode Component, VGA, TV, Composite or S-VIDEO.
7. **Direction buttons (▲ ▼ ◄ ►)**
   In the setup menu, press the ▲ ▼button to select the desired item and press the ◄►button to adjust or set.
8. **ENTER button**
   Press to confirm your selection.
9. **INFO button**
   Press to display the information about current status on the screen.
10. **POWER button**
    Press to enter or exit the standby mode.
11. **⏎ button**
    In TV mode, when select the 1~99 channel, press this button to confirm and enter the selected channel.
12. **CH ▲ / ▼ button**
    In TV mode, press to select channel.
13. **MTS button**
    Press to activate MTS function in TV mode.
14. **CC button**
    In the TV or COMPOSITE mode, press to display the closed captions or cancel display.
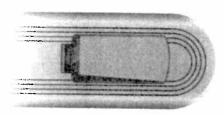15. **MENU button**
    Press to enter the LCD setup menu.
16. **EXIT button**
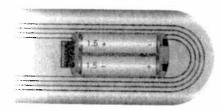    Press to exit the setup menu.

# Remote Control

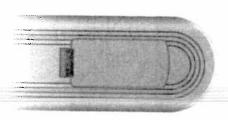## Preparation of Remote Control

Softly push the back cover to open the battery compartment.



Insert two batteries (1.5V, size AAA), please make sure the polarity matches the marks inside the compartment.
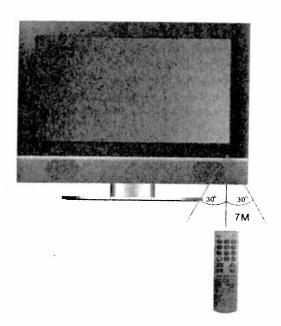


Softly press the back cover to close it.



- Under normal use the battery will last for six months.
- Take out battery when the remote is not in use for a long time.

## Using of Remote control

Point the remote control unit from no more than about 7m from the remote control sensor and within about 60 degrees of the front of the unit.



- The operating distance may vary depending to the brightness around.

**Notes:**
- Do not point bright lights directly at the remote control sensor.
- Do not place objects between the remote control unit and the remote control sensor.
- Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.

# System Connections

- Do not connect the power cord until all other connections have been made.
- Ensure that you observe the colour cord when connecting audio and video cables.
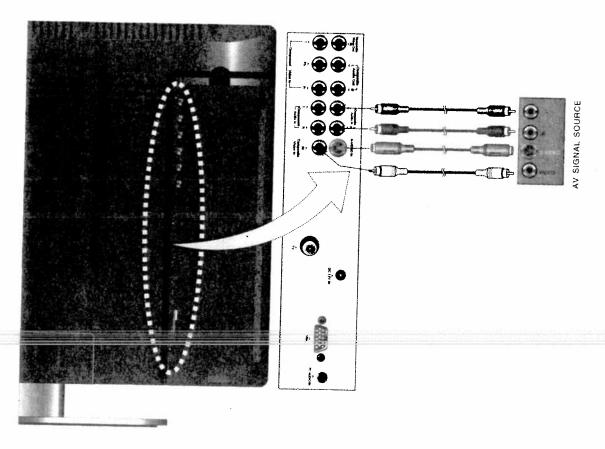
## Connecting to External AV Signal Source

Use the audio and video cable to connect the AV input jacks on the rear panel of the unit to the external AV signal source.

Use the S-VIDEO cable to connect the S-VIDEO input jack on the rear panel of the unit to the external AV signal source.

After connection, turn on the power of the unit and the external AV signal source and then press the SOURCE button to shift to Composite or S-VIDEO mode.
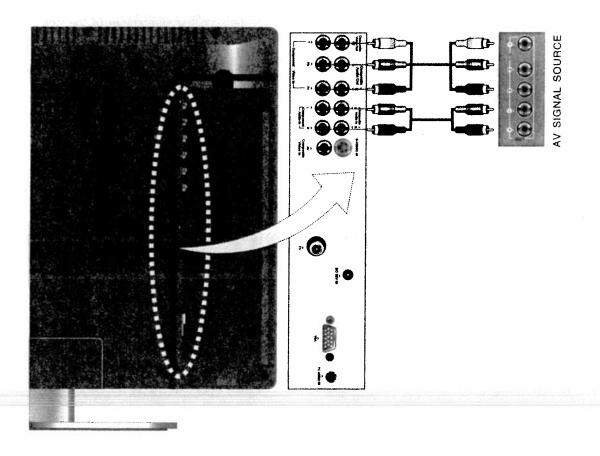
Note: the L/R audio input jacks can be used in the both Composite and S-VIDEO modes.

# System Connections

## Connecting to External AV Signal Source

Use the audio and video cables to connect the Y/Pb(Cb)/Pr(Cr) input Jacks on the rear panel of the unit to the external AV signal source.
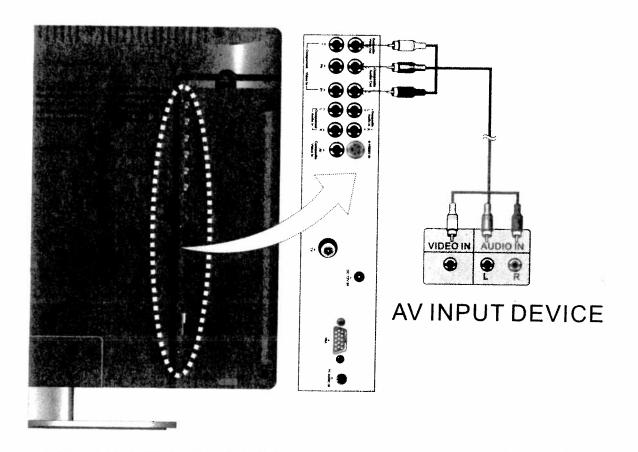
After connection, turn on the power of the unit and external AV signal source and then press the SOURCE button to shift to Component mode.

# System Connections

## Connecting to External AV Device(AV Out)

The unit supports audio and video signal input function, it can be connected to the external audio and video device.

Use the audio and video cables to connect the AV output Jacks on the rear panel of the unit to the external AV input device.
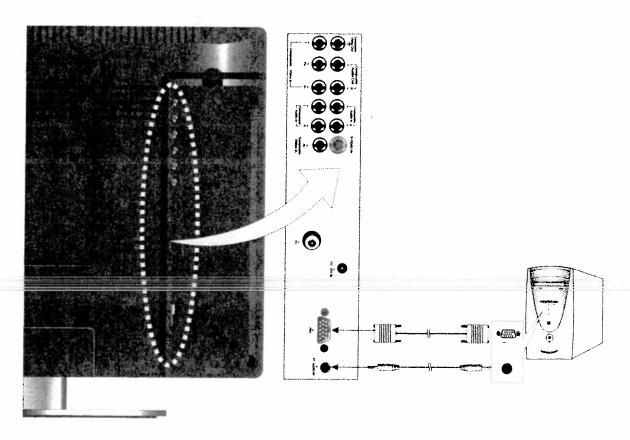
AV INPUT DEVICE

# System Connections

## Connecting to PC

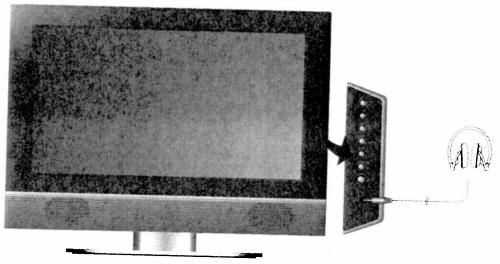The unit can be connected to PC (personal computer) via the VGA cable. Follow the steps and the figure below to connect:

1. Connect one end of the VGA cable to the VGA input jack on the rear panel of the unit.
2. Connect the other end to the PC.
3. Connect one end of the audio cable to the PC audio input jack on the rear panel of the unit.
4. Connect the other end to the PC audio output jack.
5. Set the PC's resolution at 1024x768@60Hz

After connection, turn on the unit and the PC and then press the SOURCE button to shift to VGA mode.

# System Connections

## Connecting to Headphones

This unit can be connected to a headphone for listening music privately. See the below figure for details:



◆ After connecting to the headphone, the internal speakers output will turn off automatically.
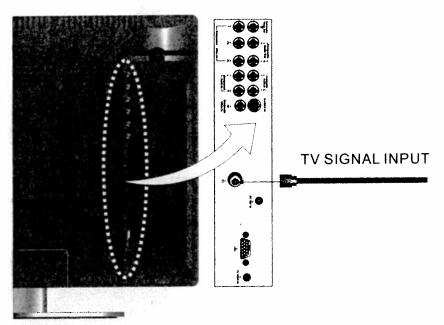
## Connecting to Power Adapter

Power is supplied through the provided appropriative power adapter, one end is connected to the DC 12V IN jack on the rear panel of the unit, the other end to the AC100~240V wall outlet.



AC100~240V

# System Connections

## Connecting to TV Antenna

This unit can be connected to the TV signal input source via the TV jack on the rear panel. There are AIR and CABLE for you to choose.

After connection, turn on the power of the unit; press the SOURCE button to shift to TV mode.



TV SIGNAL INPUT

After connecting to the antenna, turn on the unit, and go on with program searching, you can follow the below steps to select channels:

When cable is connected,

1. For 0~9 channel:

   Press the number buttons to select the channel X, wait three seconds and it will go to the selected channel.

   Or press the number button to select channel X, and then press the ↵ button to go to the selected channel immediately.

   Or press the number buttons to input 00X, it will go to the selected channel immediately.

2. For 10~12 channel:

   Press the number buttons to select channel XX, wait three seconds and it will go to the selected channel.

   Press the number buttons to select channel XX, and then press the ↵ button to enter the selected channel.

   Or press the number buttons to input 0XX, it will go to the selected channel immediately.

3. For 13~99 channels:

   Press the number buttons to input XX, it will go to the selected channel immediately.

   Or press the number buttons to input 0XX, it will go to the selected channel immediately.

4. For 100~125channels:

   Press the number buttons to select channels XXX, and it will go to the selected channel immediately.

# System Connections

When Air is connected,
1. For 0~9 channel:
   Press the number buttons to select the channel X, wait three seconds and it will go to the selected channel.
   Or press the number button to select channel X, and then press the ◄┘ button to go to the selected channel immediately.
   Or press the number buttons to input 00X, it will go to the selected channel immediately.
2. For 10 ~ 69 channel:
   Press the number buttons to select channel XX, it will go to the selected channel immediately
   Or press the number buttons to input 0XX, it will go to the selected channel immediately.

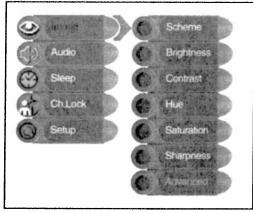Note: * X is the channel number.

# TV Function

## Preparations

1. After connection, press the POWER button to turn on the power. (If it is turned on, the power indicator is blue.)
2. Press the SOURCE button to shift to TV mode. You can go on with the following operations:

## Image Setting

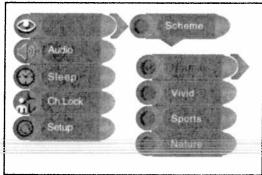**Note: This item is only available when there is signal input.**

Press the MENU button once to enter the setup menu, as shown on the right:

In the setup menu, press the ▲▼ button to select **Image** and then press the ENTER button to enter the item. Press the ▲▼ button to select. Press the MENU button to return to the previous menu.



### Scheme Setup

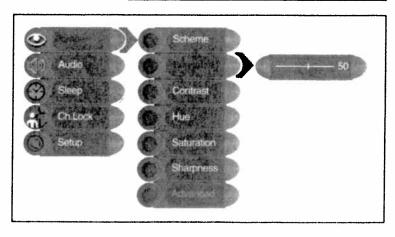Press the ▲▼ button to select **Scheme** and press the ENTER button to enter. Press the ▲▼ button to select the desired item and press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.



### Brightness Setup

Press the ▲▼ button to select **Brightness** and press the ◄► button to adjust the value. Press the MENU button to return to the previous menu.

# TV Function

## Contrast Setup

Press the ▲▼ button to select **Contrast** and press the ◄► button to adjust the value. Press the MENU button to return to the previous menu.

## Hue Setup

Press the ▲▼ button to select **Hue** and press the ◄► button to adjust the value. Press the MENU button to return to the previous menu.

## Saturation Setup

Press the ▲▼ button to select **Saturation** and press the ◄► button to adjust the value. Press the MENU button to return to the previous menu.

## Sharpness Setup

Press the ▲▼ button to select **Sharpness** and press the ◄► button to adjust the value. Press the MENU button to return to the previous menu.

## Advanced Setup

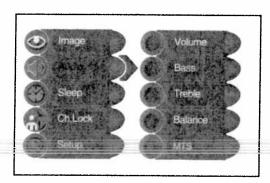Press the ▲▼ button to select **Advanced** and press the ENTER button to enter.
In the menu, press the ▲▼ button to select the desired item and then press the ENTER button to confirm. Press the MENU button to return to the previous menu.
**Note: This item is only available in Component and VGA modes.**

## Audio Setting

Press the MENU button once to enter the setup menu. Press the ▲▼ button to select **Audio** and press the ENTER button to enter the menu shown on the right.
In the **Audio** setup menu, press the ▲▼ button to select the desired item and press the ENTER button to enter. Press the MENU button to return to the previous menu.

## Volume Setup

Press the ▲▼ button to select **Volume** and press the ◄► button to adjust the level. Press the MENU button to return to the previous menu.

## Bass Setup

Press the ▲▼ button to select **Bass** and press the ◄► button to adjust the level. Press the MENU button to return to the previous menu.
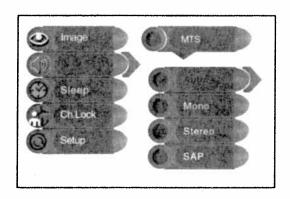
# TV Function

### Treble Setup

Press the ▲▼button to select **Treble** and press the ◄► button to adjust the level. Press the MENU button to return to the previous menu.

### Balance Setup

Press the ▲▼ button to select **Balance** and press the ◄► button to adjust the level. Press the MENU button to return to the previous menu.
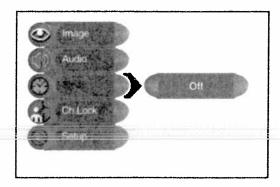
### MTS Setup

Press the ▲▼ button to select **MTS** and press the ENTER button to enter. Press the ▲▼ button to select the desired item and then press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.

## Sleep Setting

Press the MENU button to enter the setup menu. Press the ▲▼ button to select **Sleep** and press the ENTER button to enter the menu shown on the right.
In the **Sleep** setup menu, press the ▲▼ button to select 15Min, 30Min, 45Min, 60Min, 75Min, 90Min, 105Min, 120Min or Off. Press the MENU button to return to the previous menu.
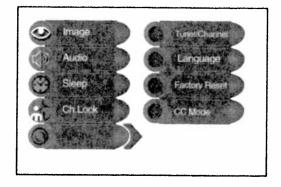
# TV Function

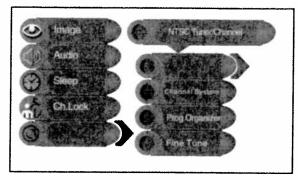## Channel Lock

The default pin is 1111.

## Setup Setting

Press the MENU button once to enter the setup menu. Press the▲▼ button to select **Setup** and press the ENTER button to enter the menu shown on the right.

In the **Setup** menu, press the▲▼ button to select the desired item and press the ENTER button to enter. Press the MENU button to return to the previous menu.



### Tuner/Channel

Press the ▲▼ button to select the **Tuner/Channel** and press the ENTER button to enter the menu as shown on the right. Press the ▲▼ button to select the desired item and press the ENTER button to enter. Press the MENU button to return to the previous menu.



### Auto Scan

Press the ▲▼ button to select the **Auto Scan**, press the ENTER button to start auto scan. The screen will display as below:



Auto scan will take a few minutes, when the tuning operation completes the unit will exit and memorize the programs by sequence automatically.

During tuning, press the MENU button to exit the auto scan mode.

# TV Function

### Channel System

Press the ▲▼ button to select **Channel System** and press the ENTER button to enter. Press the ▲▼ button to select the desired item and then press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.
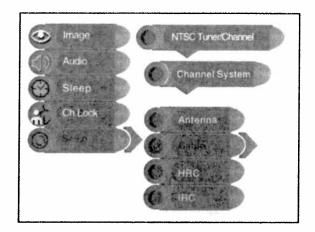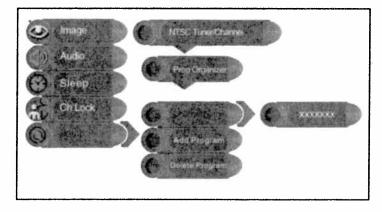


### Prog Organizer

Press the ▲▼ button to select the **Prog Organizer** and press the ENTER button to enter the menu as shown on the right.

In the **Prog Organizer** setup menu, press the ▲▼ button to select the desired item. Press the MENU button to return to the previous menu.



### Channel Name

Press the ▲▼ button to select the **Channel Name** and press the ENTER button to enter. Then press the ▲▼ button to select letters or press the number button to input numbers. Press the MENU button to return to the previous menu.

### Delete Program

Press the ▲▼ button to select the **Delete Program** and press the ENTER button to activate the skip function which when using the CH ▲▼ button to select channels under normal playback status, it will skip the current channel. Press the MENU button to return to the previous menu.
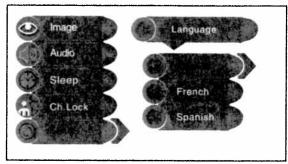
### Add Program

Press the ▲▼ button to select the **Add Program** and press the ENTER button to cancel the skip function which when using the CH ▲▼ button to select channels under normal playback status, it will play the channels in sequence. Press the MENU button to return to the previous menu.

# TV Function

### Fine Tune

Press the ▲ ▼ button to select **Fine Tune** and press the ENTER button to enter. Press the ▶ or ◀ button to start fine tuning forward or backward. Press the MENU button to return to the previous menu.

### Language

Press the ▲▼ button to select the **Language**, press the ENTER button to enter the setup, press the ▲▼ button to select item. Press the MENU button to return to the previous menu.



### Factory Reset

Press the ▲▼ button to select the Factory Reset, press the ENTER button to enter the setup, press the ▲▼ button to select Yes and press the ENTER button to resume default status.



### CC Mode

Press the ▲ ▼ button to select **CC Mode** and press the ENTER button to enter. Press the ▲ ▼ button to select the desired item and then press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.

# Other Function

## External AV Input Function

The unit has external AV input function. It supports Composite, S-VIDEO and Component modes. Use the audio, video and S-Video cable to connect the unit to the external AV signal source such as recorder, satellite receiver or game player etc. Then turn on the unit and the external AV signal source. Press the SOURCE button to shift to the corresponding mode: S-VIDEO or Component. Then you can go on to set up the menu in a certain mode.

## Computer Screen Function

The TFT LCD screen of the unit can be used as the computer screen. Take the steps of connecting the unit to the PC and then you can set up the menu.
Set the PC's resolution at:   1024 x 768@60Hz.

**The operations of these menus in Composite, S-VIDEO, Component and VGA modes are the same with those in the TV mode. Please refer to the introduction in "TV Function".**
**Note: Some of these menus are not available in these modes.**

# Troubleshooting

| SYMPTOM | CHECK ITEM |
|---|---|
| There is no sound. | Make sure system connection is correct.<br>Make sure the speakers are not muted.<br>In the TV mode, set the correct sound mode. |
| LCD is no display | Make sure the unit is turned on and the connections are correct.<br>Make sure the power adapter is correctly connected. |
| There is no picture or picture move up and down Unsteady. | Check if the connections with the external AV signal source are correct.<br>Correctly set the items in the picture menu.<br>Check if the video type input signal is not corresponding to the unit.<br>Make sure the unit is turned on and in correct video type. |
| The remote control does not work. | Make sure there are no obstructions between the remote control and the LCD.<br>Make sure the remote control is pointing at the LCD.<br>Make sure batteries are inserted and the polarity is correct.<br>Make sure battery is not weak. |

# Specifications

| | |
|---|---|
| TFT-LCD Resolution | 1440 x 900 |
| TFT-LCD Screen Size | 19 inches |
| Power | AC 100~240V, 50/60Hz<br>DC 12V 5A |
| Power Consumption | < 60W |
| Dimension | 493mm × 185mm × 148mm |
| Weight | About 8.26 Kg . |
| Ambient Temperature | 10 to 45°C |

## DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

## MAGNASONIC WARRANTY
### Consumer Electronics, Home Appliances and Home Office Products

**Thank you for choosing MAGNASONIC!**

RGC Redmond Group gives the following express warranty to the original consumer purchaser or gift recipient for this MAGNASONIC product, when shipped in its original container and sold or distributed in Canada by RGC Redmond Group or by an Authorized MAGNASONIC Dealer:

RGC Redmond Group warrants that this product is free, under normal use and maintenance, from any defects in material and workmanship. If any such defects should be found in this product within the applicable warranty period, RGC Redmond Group shall, at its option, repair or replace the product as specified herein. Replacement parts furnished in connection with this warranty shall be warranted for a period equal to the unexpired portion of the original equipment warranty.

This warranty shall not apply to:
    a.   Any defects caused or repairs required as a result of abusive operation, negligence, accident, improper installation or inappropriate use as outlined in the owner's manual.
    b.   Any MAGNASONIC product tampered with, modified, adjusted or repaired by any party other than RGC Redmond Group or MAGNASONIC's Authorized Service Centres.
    c.   Damage caused or repairs required as a result of the use with items not specified or approved by RGC Redmond Group, including but not limited to head cleaning tapes and chemical cleaning agents.
    d.   Any replacement of accessories, glassware, consumable or peripheral items required through normal use of the product including but not limited to earphones, remote controls, AC adapters, batteries, temperature probe, stylus, trays, filters, cables, paper, cabinet, cabinet parts, knobs, buttons, baskets, stands, shelves, cookware and cooking utensils.
    e.   Any cosmetic damage to the surface or exterior that has been defaced or caused by normal wear and tear.
    f.   Any damage caused by external or environmental conditions, including but not limited to transmission line/power line voltage or liquid spillage.
    g.   Any product received without appropriate model, serial number and CSA /cUL /cULus /cETL /cETLus markings.
    h.   Any products used for rental or commercial purposes.
    i.   Any installation, setup and/or programming charges.

Should this MAGNASONIC product fail to operate during the warranty period, warranty service may be obtained upon delivery of the MAGNASONIC product together with proof of purchase and a copy of this LIMITED WARRANTY statement to an Authorized MAGNASONIC Service Centre. In-home warranty service may be provided at RGC Redmond Group's discretion on any MAGNASONIC television with the screen size of 27" or larger. This warranty constitutes the entire express warranty granted by RGC Redmond Group and no other dealer, service centre or their agent or employee is authorized to extend, enlarge or transfer this warranty on behalf of RGC Redmond Group. To the extent the law permits, RGC Redmond Group disclaims any and all liability for direct or indirect damages or losses or for any incidental, special or consequential damages or loss of profits resulting from a defect in material or workmanship relating to the product, including damages for the loss of time or use of this MAGNASONIC product or the loss of information. The purchaser will be responsible for any removal, reinstallation, transportation and insurance costs incurred. Correction of defects, in the manner and period of time described herein, constitute complete fulfillment of all obligations and responsibilities of RGC Redmond Group to the purchaser with respect to the product and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise.

### CARRY-IN PARTS & LABOUR WARRANTY PERIODS:
- Audio Products: 1 Year (Remote Control, if applicable – 90 Days)
- DVD Products: 1 Year (Remote Control – 90 Days)
- LCD & Plasma Display TV: 1 Year (Remote Control – 90 Days)
- Television Products: 1 Year (Remote Control – 90 Days)
- VCR Products: 1 Year (Remote Control – 90 Days, Video Heads – 6 Months)
- Home Appliances: 1 Year
  - Microwave Magnetron parts only additional 6 Years
  - Refrigerator / Freezer Compressor parts only, additional 4 years
- Heating / Cooling & Humidification Products: 1 Year (Remote Control – 90 Days)
  - Compressor parts only (if applicable), additional 4 years
- Home Office: 1 Year

To obtain the name and address of the nearest Authorized MAGNASONIC Service Centre or Dealer, please contact:
RGC Redmond Group, 6185 McLaughlin Road, Mississauga, ON   L5R 3W7.

For more information on this Warranty or Service Locations, please call (905)366-5100 or toll free 1-800-663-5954, Monday to Friday 9:00am – 5:00pm Eastern Standard Time.

04/2006