MAGNASONIC

For Customer Assistance Call:
1-800-663-5954

32612MHD

32” High Definition* LCD Television

Instruction Manual

*Requires HD Signal

Thank you for your purchase of this Magnasonic product. Please read this Instruction Manual carefully before using product to ensure proper use. Keep this manual in a safe place for future reference.

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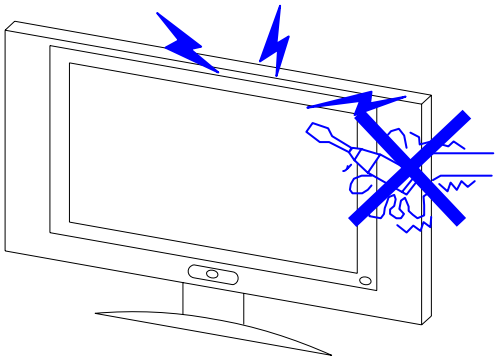
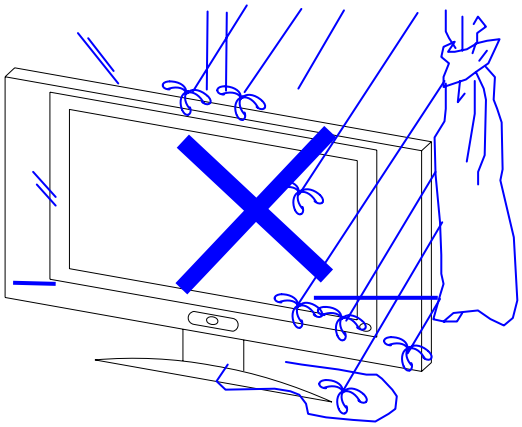
1. Safety Warnings and Cautions



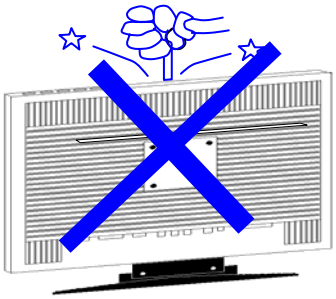
Warning

High voltages are used in the operation of this product.
Do not remove the cabinet back from your set. Refer servicing to a qualified service technician.



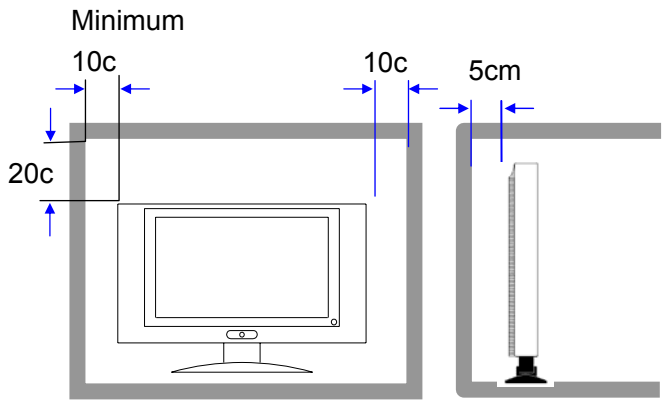
Warning

To prevent fire or risk of electric shock, do not expose the main unit to rain or moisture.



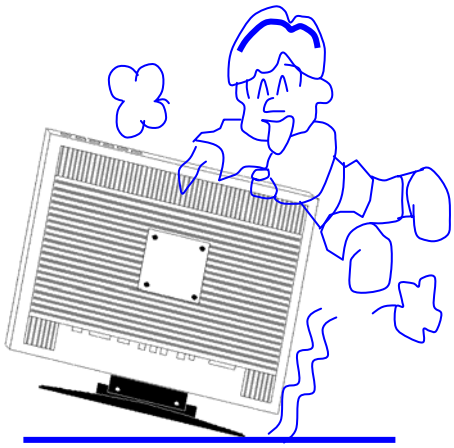
Warning

Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



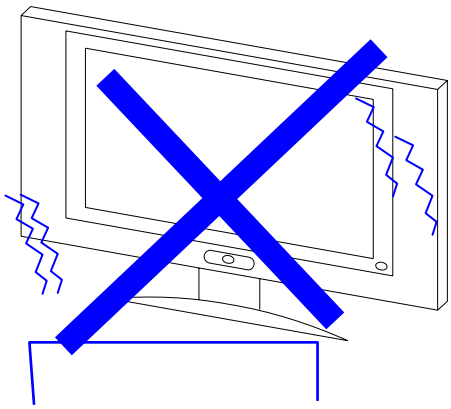
Caution

If the television is to be built into a compartment or enclosure, the minimum distances must be maintained to allow for proper ventilation. Heat build-up can reduce the service life of your television, and can also be dangerous.



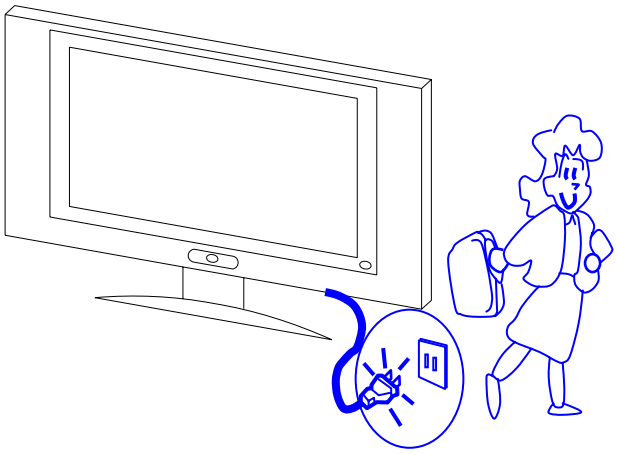
Caution

Never stand on, lean on, or push the product or its stand. Pay special attention to children, accidental tipping may cause serious injury.



Caution

Do not place the main unit on an unstable cart, stand, shelf or table. Serious injury and or damage to the television may result if it should fall.

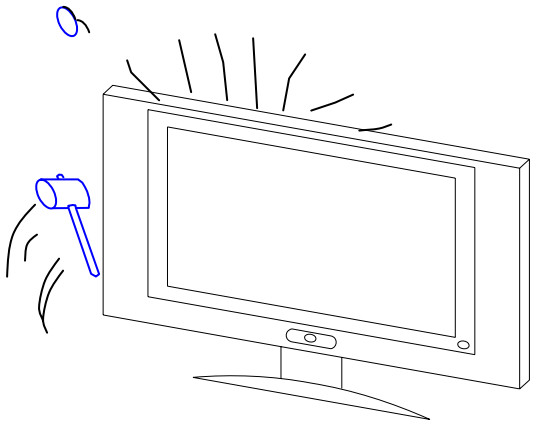


Caution

When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from

Caution

Avoid exposing the main unit to direct sunlight or other source of the heat. Do not stand the television receiver directly on other products which give off heat, E.g. video cassette players, and audio amplifiers. Do not block the ventilation holes on the back cover. Ventilation is essential to prevent failure of electrical component. Do not pinch the power supply



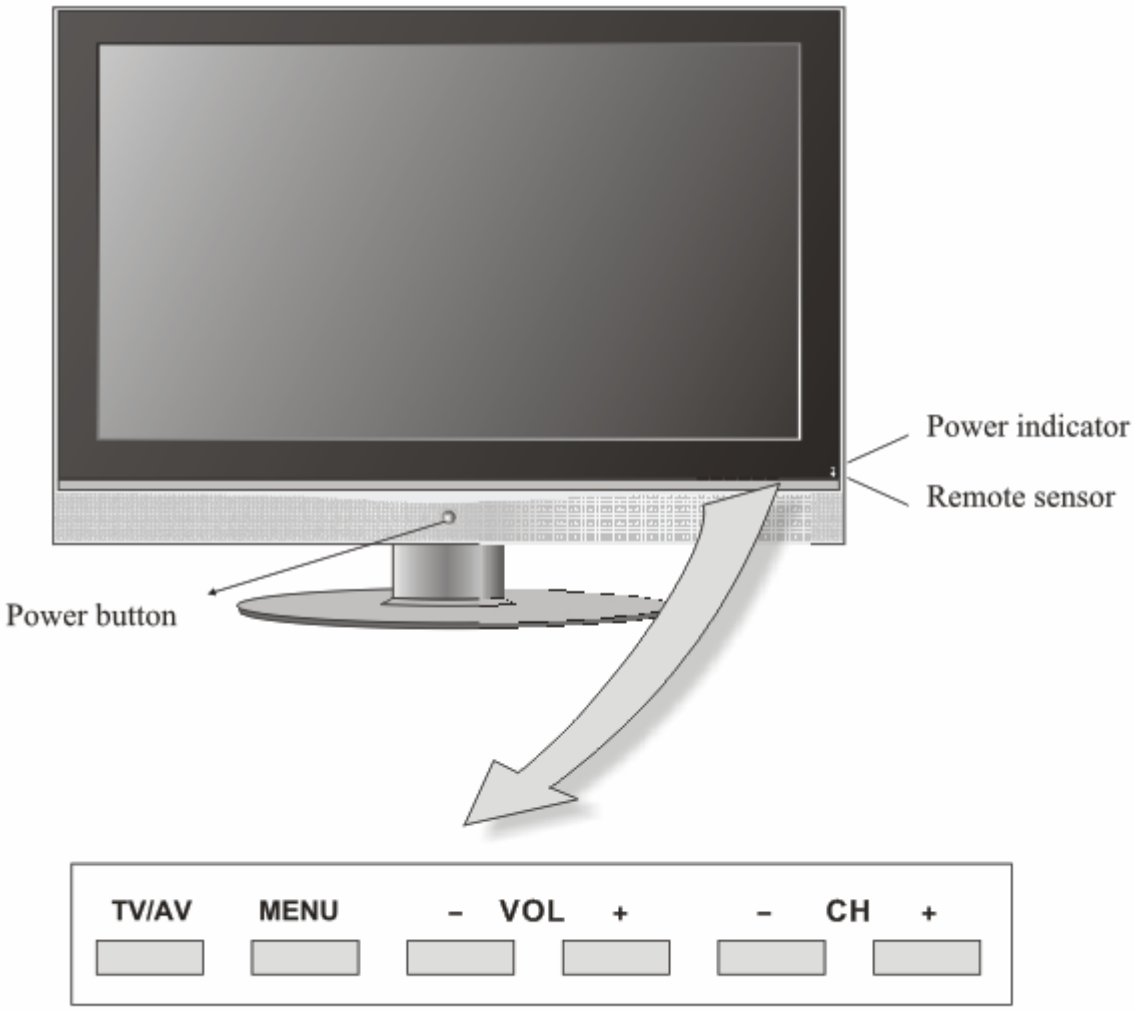
Caution

The LCD panel used in this product is made of glass. Therefore, it can break when it is dropped or applied with impact. Be careful not to be injured by broken glass pieces if the LCD screen were to

2. Descriptions of Main Unit and Remote-Control Unit

2.1 Main Unit

Buttons / Display:



Sockets / Main Power Switch:

*S-VIDEO and AV share audio input.

2.2 Remote-Control Unit

3. Specifications

	Items	Relevant illustrations
Parameters of the product	Active Screen Size	32 inches
	Screen format	16:9
	Number of Pixels	1366×768
	Typical Contrast Ratio	1000:1
	Maximum Brightness	500 cd/m²
	Display colors	16.7M
	Wide Viewing Angle	170° (Horizontal) 170° (Vertical)
	Standard	FCC etc.
	Accessories	Remote-Control Unit, AC cord, User Manual
	Power requirement	110～240V AC
	Power mode	Active, Standby
	Normal Power Dissipation	≤160W
	Standby Power Dissipation	＜3W
	Full Function Remote Control	Supported
TV	Channels and Frequencies	VHF-L：55.25 ～139.25 MHz； VHF-H：145.25～391.25 MHz； UHF：397.25～801.25 MHz
	Color system	NTSC, PAL-M, PAL-N
	Audio system	M, N
	Stereo	STEREO/SAP
	Audio Output	2 × 6W
	Intermediate Frequency	NTSC-45.75 MHz
	OSD language	English/French/Spanish/
	CCD/VCHIP	Supported
	Local control keys	POWER, MENU, V+, V-, P+, P-, TV/AV
Other	Color system	NTSC, PAL
	Signal	YPBPR, VGA, HDMI, CVBS, S-VIDEO
	VGA format	VGA/SVGA/XGA/SXGA/WXGA/UXGA
	YPBPR format	480i/480P/576i/576P/720P50/720P60/ 1080i50/1080i60
	HDMI	HDMI 1.2

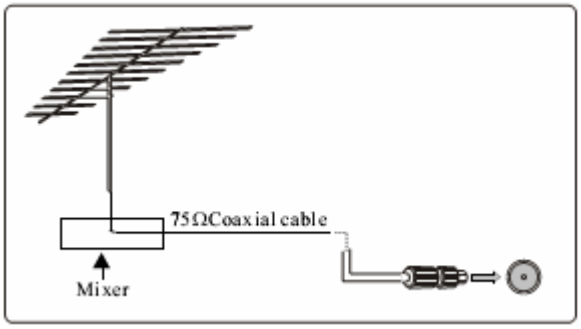
Note:

All specifications are subject to change without notice.

4. Connection and Preparation

4.1 Connecting Antenna or Video Facility

1. Use a 75Ω coaxial cable or 300-75Ω impedance converter (sold separately) to plug in the antenna input terminal on the rear of the cabinet.



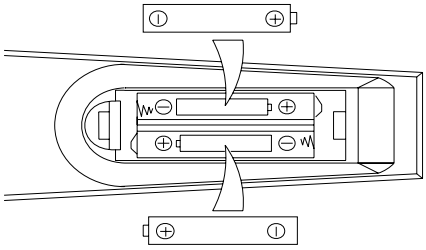
2. Connect the video or audio facility with the video, audio interface on the rear of the cabinet.

4.2 Power Supply

1. Press on the Power Switch on “1” to power on the LCD TV.

4.3 Battery Installation of Remote-Control Unit

1. Turn the remote-control unit upside down. Open the battery compartment door.
2. Install two new 1.5V AAA batteries, make sure the polarity of the batteries matches the “+”, “–” marks inside the battery compartment. **Note: Improper installation of batteries may cause them to leak, causing damage.**



3. Close the battery compartment cover.

4.4 Auto Search the Channels

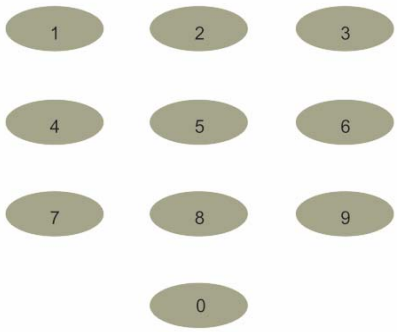
1. Press the Power On/Off key on the television or the Remote-Control.
2. Press the MENU key on the remote-control unit. The screen displays the Menu OSD. Press the ▶ key repeatedly till “TV-CHANNEL” is highlighted in the first main menu.
3. Start Auto Channel Search. Press the ▶ key till “AUTO SCAN” is highlighted in the menu.

5. Operation of Remote-Control Unit

5.1 POWER ON/OFF

When the unit is turned on, a green indicator light turns on. When the unit is in standby mode, a red indicator light is turned on.

5.2 Direct Access Tuning



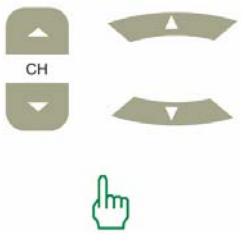
Channels can be manually selected by using the numeric key pad on the remote control. Any channel may be selected by this method, regardless of its presence or absence in the current channel map.

5.3 TV/AV

Press once to display Source List. Using ▲ and ▼ select the video input from TV, AV, SVIDEO, YPBPR, YPBPR2, HDMI, and PC. The OSD display will disappear after several seconds, or by pressing TV/AV.

TV
AV
SVIDEO
YPBPR
YPBPR2
HDMI
PC

5.4 Channel Up/Down



Press CH▲ or the ▲ key to change Channel Up
Press CH▼ or the ▼ key to change Channel Down

5.5 Volume Control

Press the VOL+ or VOL- or the ◄ / ► keys to lower or raise the volume. The range is 0～100.

5.6 Closed Caption

Press repeatedly to select closed caption mode among CCD Off，ON. You can do the Basic Selection under the submenu of “CCD MODE” among CC1，CC2，CC3，CC4，T1，T2，T3，T 4.

CC1 → CC2 → CC3 → CC4
↑ ↓
T4 ← T3 ← T2 ← T1

5.7 QV

Pressing this will quickly switched back to the previous channel viewed.

5.8 SCAN

Pressing this button will automatically scan through the channels. Pressing this button again will stop scan.

5.9 ZOOM

Press this key repeatedly to change aspect radio as follows.

FULL → ZOOM → 4:3 → PANORAMA

5.10 MENU

See MENU Operation on Chapter 7.

5.11 MUTE

Pressing this button will mute the volume on the television. Note: Mute will be displayed on the screen. Pressing this button again or pressing ◄ / ► will exit mute and resume to the previous volume level.

5.12 OK

The OK key is used to confirm your selection in the menu，and let you quickly enter the result.

5.13 Picture Mode

Press repeatedly to select the picture mode among STANDARD, DYNAMIC, SOFT, and PERSONAL.

STANDARD →DYNAMIC →SOFT→ PERSONAL

5.14 Sound Mode

Press repeatedly to select audio mode among STANDARD, NEWS, MUSIC, and PERSONAL.

STANDARD → NEWS → MUSIC → PERSONAL

5.15 SLEEP

Press repeatedly to select auto power-off

Times to be selected are displayed as follows:

Off →15min→ 30min→ 45min→ 60min→ 75min→ 90min→ 105min→120

5.16 CALL

Pressing displays (1) the name of current the program or source; (2) Current aspect ratio; (3) Current mts mode; (4) Current picture mode; (5) Current sleep time.

5.17 FREEZE

Press to hold the current state or image. Pressing again releases back to normal state.

5.18 BTSC

Press it repeatedly to switch among Mono, Stereo and SAP.

6. TELEVISION KEYPAD DESCRIPTIONS:

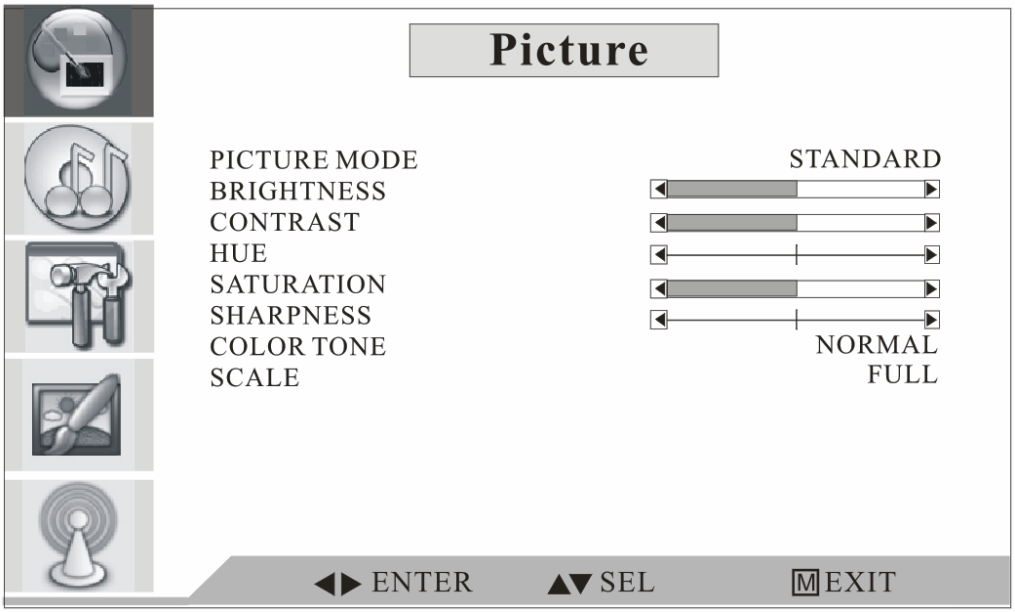
The televisions keypad functions correspond with the remote control.

TV/AV CH- CH+ VOL- VOL+ MENU POWER

7. MENU OPERATION AND FUNCTION DESCRIPTIONS:

7.1. Menu operation under TV, AV, SVIDEO, YPBPR.

7.1.1 PICTURE MENU：



a. **The above image is a sample of the display menu.**
b. **The definition of each option:**

b.1 PICTURE MODE: Set the picture preset to STANDARD→DYNAMIC→SOFT→PERSONAL→STANDARD by using the ◄ / ► keys.

b.2 BRIGHTNESS: Change the value of the brightness with the ◄ / ► keys, in the range of 0 to 100.

b.3 CONTRAST: Change the value of the contrast with the ◄ / ► keys, in the range of 0 to 100.

b.4 HUE: Change the value of the tint with the ◄ / ► keys, in the range of -50 to 50. Recommended setting is 0.

b.5 SATURATION: Change the value of the color with the ◄ / ► keys, in the range of 0 to 100.

b.6 SHARPNESS: Change the value of the sharpness with the ◄ / ► keys, in the range of 0 to 100.

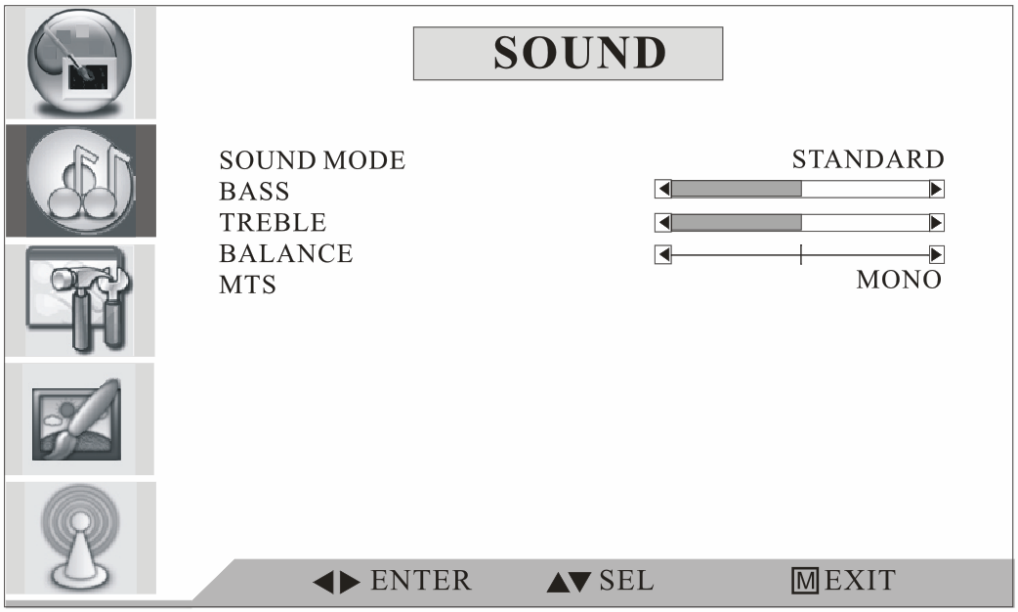
b.7 COLOR TONE: Set the color temperature preset to STANDARD→WARM→COOL→STANDARD by using the ◄ / ► keys.

b.8 SCALE: Set the picture size preset to FULL→ZOOM → 4：3 → PANORAMA→FULL by using the ◄ / ► keys.

NOTE:

- Press ▼/▲ to move cursor to the relevant item.
- Press ◄ / ► to tune the value.
- Press ▶ to enter into the picture menu.
- HUE will only show when the color system is NTSC.

7.1.2. SOUND MENU:



SOUND MENU

a. The above image is a sample of the display menu.

b. The definition of each option:

b.1 SOUND MODE: Set the sound mode to STANDARD→NEWS→MUSIC→PERSONAL→STANDARD by using the ◄ / ► keys.

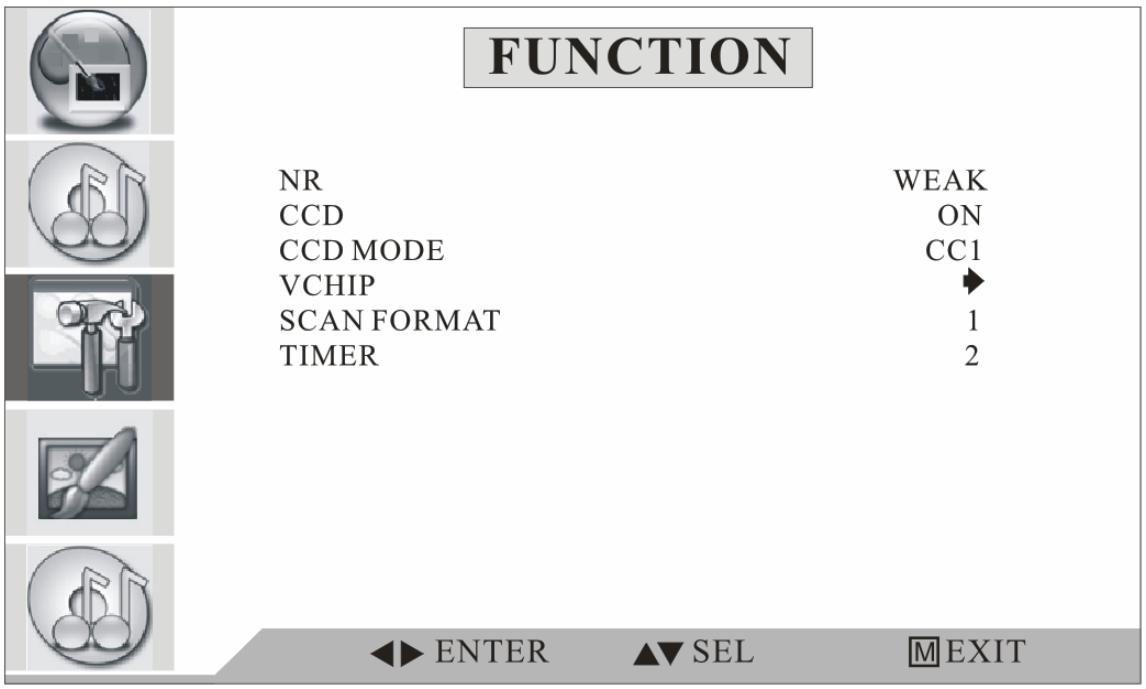
b.2 BASS: Change the value of the bass with the ◄ / ► keys in the rang of 0 to 100 .

b.3 TREBLE: Change the value of the treble with the ◄ / ► keys in the rang of 0 to 100.

b.4 BALANCE: Change the value of the balance with the ◄ / ► keys from -50 to 50. Recommended setting is 0.

b.5 MTS: Set the modes of sound processing with the ◄ / ► keys to MONO→STEREO→SAP.

7.1.3. FUNCTION MENU：



FUNCTION MENU

a. The above image is a sample of the display menu.

b. The definition of each option:

b.1 NR: Set the noise reduction mode to WEAK→MIDDLE→STRONG→OFF→WEAK by using the ◄ / ► keys.

b.2 CCD: Press ◄ / ► keys to decide whether to display the CCD between on and off.

b.3 CCD MODE: Set the CCD MODE to CC1→ CC2 → CC3 → CC4 → T1 → T2 → T3 → T4→ CC1 by using the ◄ / ► keys.

CC1，CC2，CC3，CC4 displays the text of language being spoken in the video at the bottom of the screen，while T1，T2，T3，T4 displays some information such as weather reports and news.

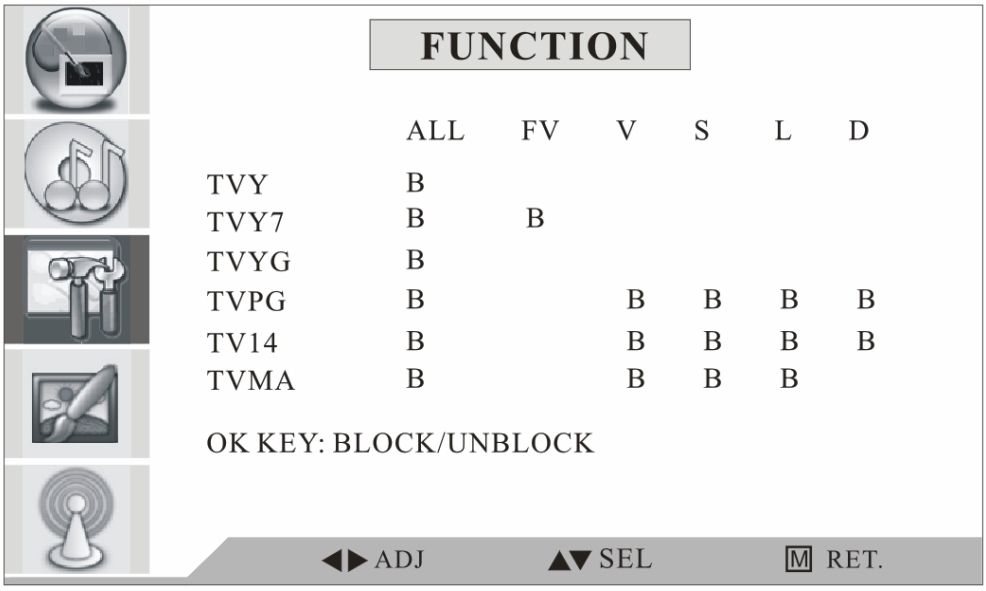
b.4 VCHIP: Press the ▶ key to enter the password input menu, now enter your password to enter V-CHIP mode.

V-CHIP has two American standards (MPAA Rating/ TV Parental Guidelines) and two Canadian standards (English Rating/ French Rating).

b.4.1 CHANGE PASSWORD: Press the ◄ / ► keys to enter the password change menu. You are now instructed to enter the new password twice as confirmation. Press enter to confirm your new password.

b.4.2 VCHIP SWITCH: Set the V-CHIP switch on or off by using the ◄ / ► keys.

b.4.3 TV RATING: Press the ▶ key to enter the submenu. (refer to image below)



	FV	V	S	L	D	Contents
TV-Y						All Children
TV-Y7	×					Directed to Older Children
TV-G						General Audience
TV-PG		×	×	×	×	Parental Guidance Suggested
TV-14		×	×	×	×	Parents Strongly Cautioned
TV-MA		×	×	×		Mature Audience Only

b.4.4 MOVIE RATING: Press the ◄ / ► keys to adjust the movie rating to NONE→ G → PG → PG13 → R → NC17 → X→NONE.

G	General Audiences
PG	Parental Guidelines Suggested
PG－13	Parents Strongly Cautioned
R	Restricted
NC－17	No 17 And Under Admitted
X	

b.4.5 ENGLISH: Press the ◄ / ► keys to adjust the English rating to E→ C → C8+ → G → PG → 14+ → 18+.

b.4.6 FRENCH: Press the ◄ / ► keys to adjust the French rating to E→ C → C8+ → 13+ → 16+ → 18+.

b.5 SCAN FORMAT: Set the scan format by changing the value form 0 to 2, using the ◄ / ► keys.

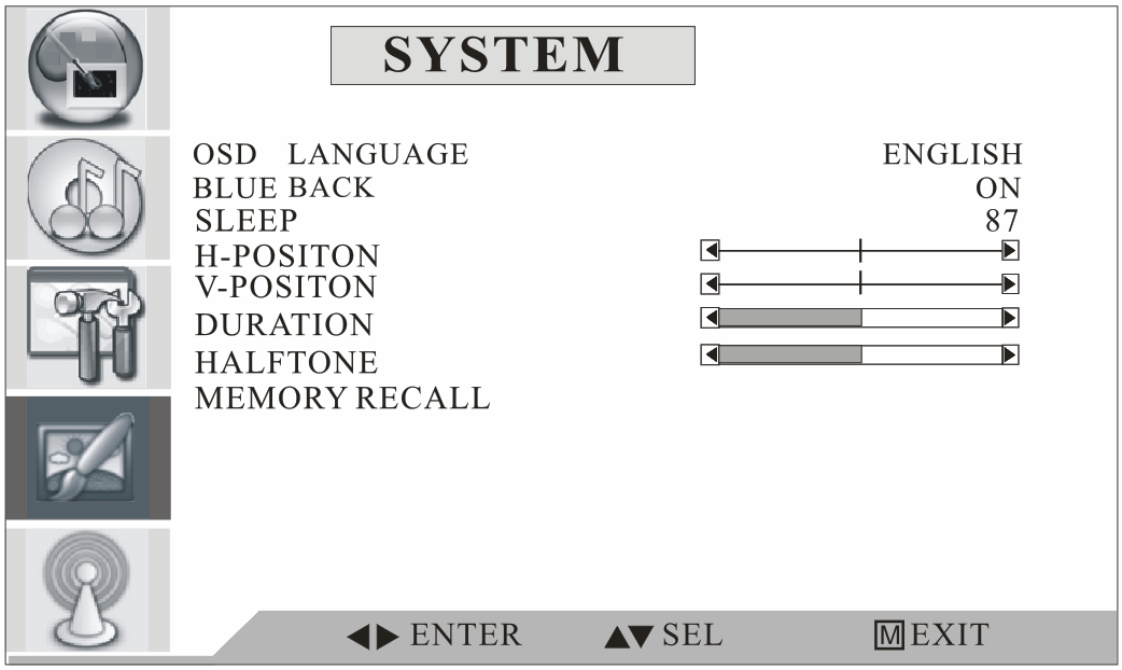
0: 2X2，screen will display 4 sub video windows.

1: 3X3，screen will display 9 sub video windows.

2: 4X3，screen will display 12 sub video windows.

b.6 TIMER: the refresh time of the picture，the adjustable value is 0—10

7.1.4. SYSTEM MENU：



SYSTEM MENU

a. The above image is a sample of the display menu.

b. The definition of each option:

b.1 OSD LANGUAGE: Change the language to ENGLISH→FRENCH→PORTUGUESE→SPANISH→ENGLISH by using the ◄ / ► keys.

b.2 BLUE SCREEN: When set to ON，the blue screen indicated there is no signal to the current input channel.

b.3 SLEEP: Set the sleep time to OFF→15→30→45→60→75→90→105→120→OFF by using the ◄ / ► keys.

b.4 OSD HPOS: Change the pictures horizontal position by using the ◄ / ► keys.

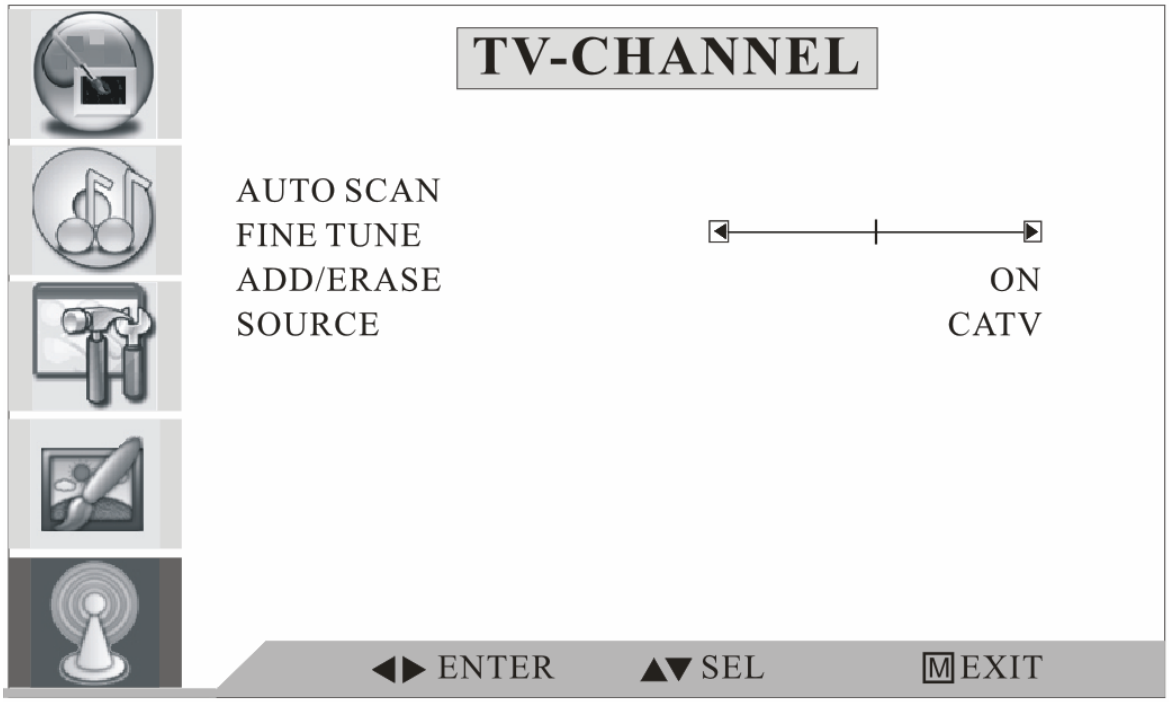
b.5 OSD VPOS: Change the pictures vertical position by using the ◄ / ► keys.

b.6 OSD DURATION: Change the OSD holding time from 5s to 55s by using the ◄ / ► keys.

b.7 OSD HALFTONE：Change the transparence of the OSD (it has 9 grades) by using the ◄ / ► keys.

7.1.5. CHANNEL MENU：

Only displayed when current source is TV.



CHANNEL MENU

a. The above image is a sample of the display menu.

b. The definition of each option:

b.1 AUTO SCAN: Press the ► key to auto scan the channels and display the auto scan sub menu. Press the MENU key to exit auto scan and return to TV.

b.2 FINE TUNING: Adjust the current channel quality.

b.3 ADD/ERASE: When set to OFF，the current program will be skipped when pressing program up or down.

b.4 SOURCE: Choose the TV source to AIR or CATV.

7.2. MENU UNDER THE SOURCE OF VGA：

1. When the system signal source switches to VGA，there will be a PC mark in the up-right corner of the screen.

2. In VGA Input Mode，if there is no signal，it will display NO SYNC in the middle of the screen. The television will automatically turn off after ten (10) minutes.

3. In VGA Input Mode，the OSD main menu operation is:

PC→SOUND→GEOMETRY→SYSTEM→PC.

SCALE: Only has two modes NORMAL→CENTER.

GEOMETRY menu is different from TV.

- **H-POSITION:** Adjust the horizontal position of the image by using the ◄ / ► keys.
- **V-POSITON:** Adjust the vertical position of the image by using the ▼/▲ keys.
- **CLOCK:** Adjust the Sampling frequency by using the ◄ / ► keys.
- **PHASE:** Adjust the Sampling phase by using the ◄ / ► keys.
- **AUTO SIZE:** Press ► key to automatically adjust the picture.

7.3. MENU UNDER THE SOURCE OF HDMI：

The operation of the HDMI OSD MENU functions are the same as those in TV input mode.

8. Trouble Shooting：

Before arranging for service, first know the status and then check simply as follows:

Problems	Check
No picture.	Check if the power supply is plugged in.
Picture is fine, but no audio.	Check if the volume control is set to the minimum or mute position.
Remote control doesn't work.	Check if the batteries are out of use or not connected properly. Make sure that there is no strong light striking the sensor window of the remote-control unit. Check that there are no obstacles between the sensor window and the remote-control unit.
No TV signal.	Check if the TV/AV button is set to TV status. Check if the antenna is well connected. Check if you installed the TV correctly.
No external video signal.	Check if you installed the TV correctly. Check if the TV/AV button is set to the AV position.
Picture lacks color or picture too dark.	Check color, brightness and contrast controls are correctly adjusted.
All channels lose color intermittently.	Check if the antenna is broken Check if the antenna is disconnected. Check if the antenna is damaged.
Poor reception, loss of color within certain channels.	Check if channels are correctly tuned.
Diagonal stripes appear on picture.	The receiver may be affected by interference (e.g. from a nearby radio broadcasting transmitter or from another TV receiver).
Picture has "snow".	Check if the antenna is broken. Check if the antenna is disconnected. Check if the antenna is damaged.
Ghost images appear.	Check if the antenna direction has been changed by a storm or strong wind, etc. (because ghost images are caused by the arrival at the antenna of both the signal which has traveled directly from the transmitter and the signal which has been reflected from a hill or a large building. The direction of the antenna should be chosen for minimized ghosting.)

MAGNASONIC® WARRANTY

Consumer Electronics, Home Appliances and Home Office Products

Thank you for choosing MAGNASONIC®!

SYNNEX Canada Limited 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 SYNNEX Canada Limited or by an Authorized MAGNASONIC Dealer:

SYNNEX Canada Limited 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, SYNNEX Canada Limited 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 SYNNEX Canada Limited 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 SYNNEX Canada Limited, 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 SYNNEX Canada Limited's discretion on any MAGNASONIC television with the screen size of 27" or larger. This warranty constitutes the entire express warranty granted by SYNNEX Canada Limited and no other dealer, service centre or their agent or employee is authorized to extend, enlarge or transfer this warranty on behalf of SYNNEX Canada Limited. To the extent the law permits, SYNNEX Canada Limited 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 SYNNEX Canada Limited 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 3 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 for more information on this warranty

- Visit www.magnasonic.ca
- Mail your inquiry to
  SYNNEX Canada Limited
  MAGNASONIC Customer Service
  200 Ronson Drive, Toronto, ON M9W 5Z9; or
- Call toll free 1-800-663-5954, Monday to Friday 9:00am – 5:00pm Eastern Time.

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08.2007