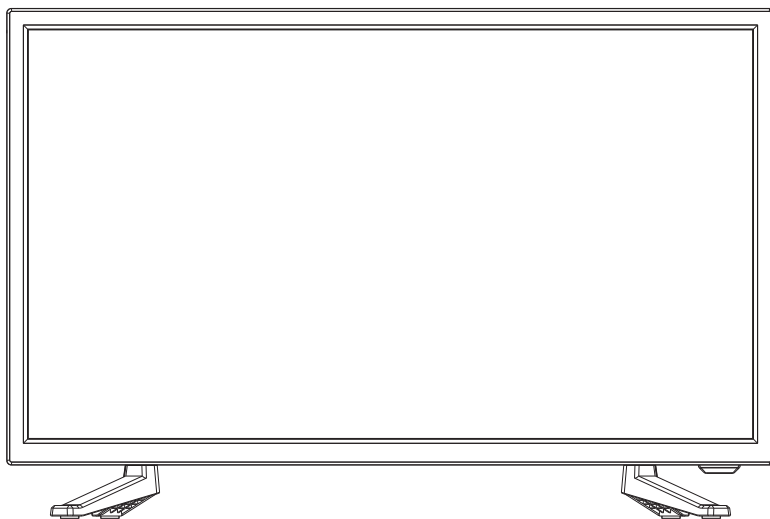# naxa®

24" WIDE SCREEN HD LED TV

MODEL NO.: NT-2410

Instruction Manual

PLEASE READ CAREFULLY BEFORE USE

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio 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 ON MODIFICATIONS

Any changes or modifications not expressly approved by the grantee of this device may void the authority granted by the FCC to operate the equipment.

Support

If you have problems with your device, please consult the instructions in this manual. Please also visit us on the web at www.naxa.com to get up to the minute news, alerts, and documentation for your device. For additional assistance, please contact Naxa Technical support.

NAXA Technical Support
2320 East 49th St.
Vernon, CA 90058
Tel: (323)-583-8883
http://www.naxa.com/supportcenter
Made in China

Table Of Contents

This user manual for reference only

Safety Information

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

High voltages are used in the operation of this product.to reduce the risk of electric shock,do not remove cover of the cabinet, refer servicing to qualified service personal

Do not disassemble the back cover, as it contains high voltages inside and will cause electric shock. Only qualified professionals should conduct internal adjustments, maintenance, and checks.

⚠	**The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operting in the literature accompanying the appliance.**
⚡	**Warning** **The lightning flash with arrowhead symbol within an equilateral triangle,is inten ded to alert the user to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.**
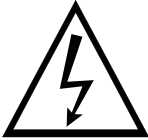
Important Safety Precautions

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings. 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. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety, 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 caution when moving the cart/apparatus combination to avoid injury tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

Caution:

14) To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

15）The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

16) The socket-out shall be installed near the equipment and shall be easily accessible.

17) This product should never be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacture's instructions have been adhered to.

18) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.

19) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

20) Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

21)   Never place the TV, remote control or batteries near naked flames or other heat sources, including direct sunlight. To prevent the spread of fire, keep candles or other flames away from the TV, remote control and batteries at all times.

22) The USB terminal should be loaded with 0.5 A under normal operation.

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.

23) The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

24) ☐ This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth

25) The maximum using environment temperature is 45 degrees. The Maximum using altitude is 2000 meters

3

TV Bracket assemble

Fix the TV on the wall

To mount your TV to a wall, you will need a wall mount kit. You can find a variety of mounts at your local electronics retailer. Make sure that your kit is specified to support the VESA mount pattern and weight of the unit. Refer to the Specifications section of this manual before purchasing your wall mount kit.

Naxa Electronics recommends that wall mounting be performed by a qualified professional installer. Naxa is not liable for any accidents or damage to property or TV due to incorrect installation.

1. Carefully place the TV face down on a cushioned surface and then follow the instructions below.
2. Use a screwdriver to remove the screws that fix the stand to the bottom of the TV (refer to photos 1 and 2). Carefully remove the screws and stand.
3. Measure the distance between the mounting holes on the TV. Use a piece of stiff paper to create a template to drill matching holes in the wall.
4. Drill the holes in the wall. Make sure to use screws that are appropriate for your installation and that can support the weight of the TV.
5. Follow the instructions provided by the mounting bracket manufacturer to complete the mounting process.
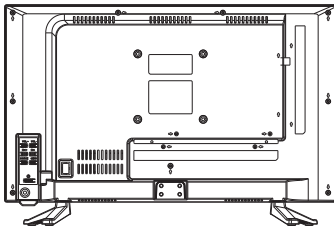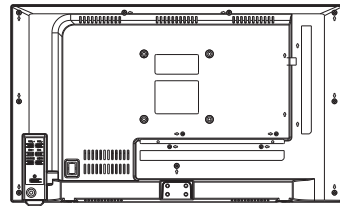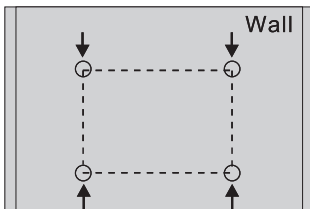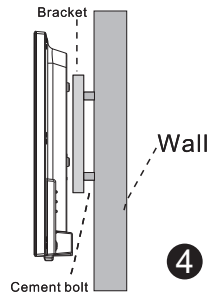
Note:

1. The bracket fixed on the wall is optional part.
2. when you assemble the TV, there should be no other articles on the around and front and please keep the distance from other articles.
3. Use a qualified professional installer to avoid danger from improper installation.
4. The fixing picture is only for reference.
5. Please follow the use manual about bracket assemble to fix the TV.
6. Attach the mounting bracket from the VESA compatible wall mounting kit.

TV Buttons And Terminal Interface

TV Buttons

Note: The following is only functional schematic. The actual position and arrangement of the buttons may differ by model.

| VOL+ | VOL - | CH+ | CH - | MENU | SOURCE | ⏻ |

⏻:Turn ON/OFF Power.

SOURCE:External Signal Input Selection.

MENU:Display Main MENU And Confirm MENU Item Selection.

CH+/-:Select Channel.

VOL+/-:Adjust Volume.

Terminal Interface

Note: The following are the various terminal interface, the actual position and arrangement, the number of different models may be different.

Interface	Description	Interface	Description
INPUT VIDEO R L	**AV input** External AV Signal Input and Relevant Right/Left Sound Channel	EARPHONE	**EARPHONE output** When earphones are plugged in, speakers are disabled
OUTPUT R L	**AV output** TV AV Signal output and Relevant Right/Left Sound Channel (Some models without this interface)	USB	**USB input**
INPUT Y Pb Pr	**Y Pb Pr input** Connect to the composite terminal of your DVD/VCR (Some models without this interface)	COAXIAL	**COAXIAL** Connect the SPDIF receiver.
HDMI	**HDMI input** Digital signal input from HDMI video connector.	OPTICAL	**OPTICAL output** Connect the SPDIF receiver.
ANT 75Ω	**ANT 75** Connect the antennal/cadle tv input (75/VHF/UHF)		
VGA	**VGA input** PC analog signal input		
PC AUDIO INPUT	**PC AUDIO INPUT** VGA input and audio input when VGA input		

External device connection diagram

DVD   Set-top boxes

HDMI   HDMI

HDMI input connection

INPUT
VIDEO   R   L

AV input connection

INPUT
Y   Pb   Pr

INPUT
VIDEO   R   L

Y Pb Pr input connection

USB

USB connection

AV input connection

ANT 75Ω

TV connection

VGA   PC AUDIO INPUT

VGA input connection

OUTPUT
R   L

AV output connection

Remote Controller

POWER
Set your TV to power on or standby mode.
MUTE
Press to mute the sound. Press again or press VOL+ to unmute.

NUMBER BUTTONS
Press 0-9 to select a TV channel directly when you are watching TV. The channel change after 2 seconds.

Press "-" to enter a program number for multiple program channel, such as 2-1 etc.
Return to the previous channel viewed.

SLEEP: Select amount of time before TV turn off automatically.

S.MODE: Press to cycle through the different sound settings

P.MODE: Press to cycle through the different picture settings

MENU
Allows you to navigate the on-screen menus.

SOURCE
Press to cycle through the input source in following:

TV ➔ AV ➔ YPBPR ➔ HDMI ➔ PC

THUMBSTICK (◢/ ◣/ ◤ / ▶ /ENTER)
Allows you to navigate the on-screen menus and adjust the system settings to your preference.

MTS: Press to select the audio mode,you can select stereo, Mono,or SAP(second audio program).
EPG: Launches the EPG (Electronic Program Guide)
CH +/- : Press to scan through or to select a channel.
V +/-: Press to increase / decrease the sound level.

INFO
Press to INFO the source and channel's information.
EXIT
Exlst from the menu or sub-menu and cancel the function in progress (if applicable)

FAV
Set or cancel current channel to be a favourite channel.
FAV+ Down move Favourite program
FAV- Up move Favourite program

CC
Press to display the closed caption.
▶ǁ
Press to ▶ǁ in the USB mode.
Start recording and PAUSE in the USB mode.

■
Press to ■ in the USB mode.

ZOOM
Select display mode
◀◀
Press to skip backward in the USB mode.

CH LIST In TV mode, press to view your channel list.
▶▶
Press to skip forward in the storage mode or USB mode.

naxa
NT-2410

Install And Connect TV

10cm

10cm   10cm
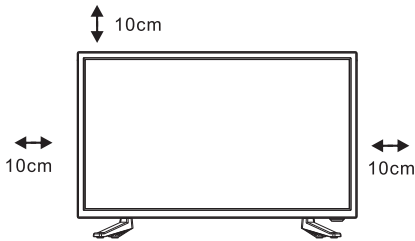
Set your TV
To put your TV in a firm place which can
bear the weight of the TV.
To avoid danger, please don't expose the
TV near water or heating place (such as
light, candle, heating machine),do not block
the ventilation at the back of TV.

❸
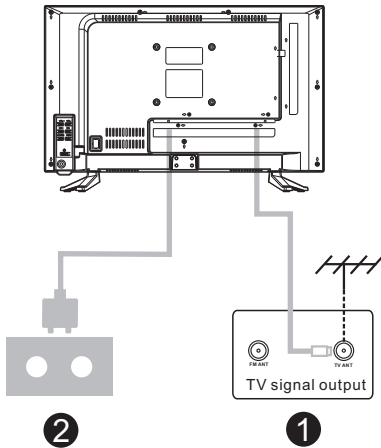
Connect antenna and power
1. Connect the antenna cable to the antenna
   socket on the back of the TV.
2. To plug the power cord of TV (AC 100-
   240V~ 50/60Hz).

Turn on TV
3. Press the power button of the TV the
   indication light will turn to green. if it is
   on standby mode (the light is red),press
   the power button on the remote control
   to turn on the TV.

FM ANT   TV ANT
TV signal output

Note:
Picture for reference purposes only.

❷   ❶

TV Stand Installation Instructions

1. Match the TV unit into the stand, then hold the TV stand,
revolve and lock the TV unit tightly as the arrowhead point.
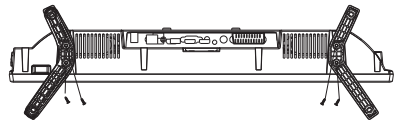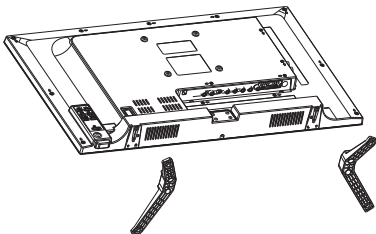
2. Fix the screws into the TV stand after installing the TV
unit and TV stand.

Setup Wizard

Connect an RF cable from the TV's input called "RF-In" and to your TV Aerial socket.

Select Language

Press ◄/ ► button to select the language to be used for menus and message.

Press ▼ / ▲ button to select go to next step and press **ENTER/**►button to go.

Select Time

Press ▼ / ▲ button to select the time zone, daylight saving time and time format you want to.

Press ◄/ ► button on the remote control to adjust.

Press ▼ / ▲ button on the remote control to select go to next step and press **ENTER/**►button to go.
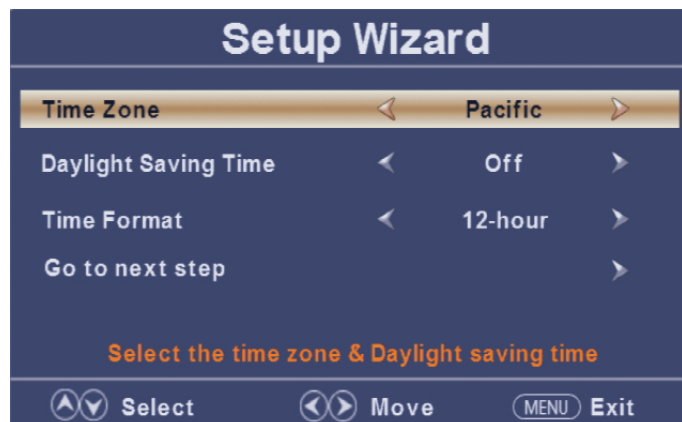
Setup Wizard

Auto Scan

Press ◄/ ► button to select the antenna type.

Press ▼ / ▲ button to select go to next step and press **ENTER/►** button to start auto scan.

Select Input Source

Source Select
TV
AV
Component
HDMI
PC
Media

Press **INPUT** button to display the input source list,

Press ▼ / ▲ or **INPUT** button to select the input

source you want to,

Press **ENTER** button to enter the input source,

Press **EXIT** button to quit.

Main Menu

Press MENU to display the main menu or return to the previous menu or close the main menu.
Press ◀/▶ to highlight the desired menu icon, and press ENTER to select.

TV

Picture Menu

Press **MENU** to enter the main menu, Press ◄/► button to select.
Press **ENTER / ▼** to enter.
Press **MENU** again to exit or back to parent menu.
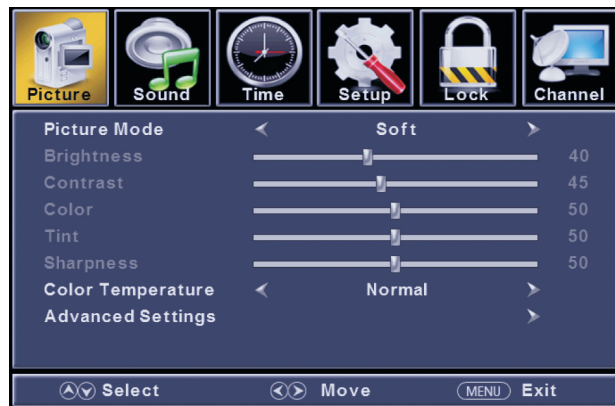
Press ▼ / ▲ button to select among Picture Mode /Brightness/ Contrast / Color / Tint / Sharpness / Color Temperature/ Advanced Settings.
Press **ENTER / ▼** to enter.
Press ◄/► button to adjust.
Press **MENU** again or back to parent menu.

【Picture Mode】
Adjust picture mode to change picture appearance.
Press ◄/► button to select(Standard / Dynamic / Soft / User).
Note: The brightness, contrast, color, tint, and sharpness options are only available and adjustable when the Picture mode is set to User.
Standard   Produces a highly defined image in a normally lit room.
Dynamic   Produces a highly defined image in a brightly lit room.
Soft   Produces a highly defined image in a soft lit room.
User   Select to customize picture settings.

【Brightness】
Adjust the visual perception output of the entire picture, it will effect the iuminousness of the picture.
Press ◄/► button to adjust.

【Contrast】
Adjust the highlight intensity of the picture, but the shadow of the picture is invariable.
Press ◄/► button to adjust.

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TV

【Color】
Adjust the saturation of the color based on your own like.
Press ◀/▶ button to adjust.

【Tint】
Adjust the hue(Red,Green,Blue) of the picture.
Press ◀/▶ button to adjust.

【Sharpness】
Adjust the peaking in the detail of the picture.
Press ◀/▶ button to adjust.

【Color Temperature】
Increase or reduce warm color of the picture personally(red),and the cool color personally(blue) according to your like.

Normal	Increase the sex-linked colors for the white.
Warm	Increase the red color for the white.
Cool	Increase the blue tone for the white.

【Advanced Settings】
Adjust advanced video features to fine tune the picture.
Press ▶ button to enter sub-menu..

【Aspect Ratio】
Adjust how the picture fills the screen.

Normal	Automatically adjust Aspect Ratio based on TV size and TV program.
Wide	Use to watch wide screen(16:9) content.
Zoom	Expands image to fill screen. Top and button maybe cut off.
Cinema	Stretches image at edges but keeps a clear image in the center.

【Noise Reduction】
Set options to reduce video noise.

Off	Select to turn off video noise detection.
Low	Detect and reduce low video noise.
Medium	Detect and reduce moderate video noise.
High	Detect and reduce enhanced video noise.
Auto	Detect and reduce video noise automatically.

TV

【Dynamic Contrast】
Automatically adjust picture detail and brightness.
Press ◄/► button to select (Off/On).

【HDMI Mode】
Only available in HDMI input.
Press ◄/► button to select (Video/Graphic).

## Sound Menu

Press **MENU** to enter the main menu, Press ◄/► button to select.
Press **ENTER / ▼** to enter.
Press **MENU** again to exit or back to parent menu.

Picture	Sound	Time	Setup	Lock	Channel

Sound Mode	◄	Standard	►	
Bass		▬▬▬▬▬|▬▬▬▬▬		50
Treble		▬▬▬▬▬|▬▬▬▬▬		50
Balance		▬▬▬▬▬|▬▬▬▬▬		0
MTS	◄	Stereo	►	
Audio Language	◄	English	►	
Digital Audio Output	◄	Raw	►	
Surround Sound	◄	Off	►	
AVL	◄	Off	►	

⊙⊙ Select	⊙⊙ Move	(MENU) Exit

Press ▼ / ▲ button to select among Equalizer / Bass / Treble / Balance /MTS/ Audio Language /Digital Audio Output/ AVL .
Press **ENTER / ▼** to enter.
Press ◄/► button to adjust.
Press **MENU** again or back to parent menu.

TV

【Sound Mode】
Select a sound mode to achieve ideal sound.
Press ◄/► button to select(Standard / Music / Movie / Sports / User).
Note: The bass and treble options are only available and adjustable when the Sound mode is set to User.

Standard	Produces a balanced sound in all environments.
Music	Preserves the original sound. Good for musical programs.
Movie	Enhances treble and bass for a rich sound experience.
Sports	Enhances vocals for TV audio.
User	Select to customize audio settings.

【Bass】
Adjust the bass effect. Increases or decreases lower-pitched sounds.
Press ◄/► button to adjust.

【Treble】
Adjust the treble effect. Increases or decreases high-pitched sounds.
Press ◄/► button to adjust.

【Balance】
Adjust the balance between left and right speakers to adapt to your listening position.
Press ◄/► button to adjust.

【MTS】
Configures the multi-track sound.　It is only available in ATV.
Press ◄/► button to select(Mono/Stereo/SAP).

Mono	Sets the sound to mono.
Stereo	Sets the sound to stereo when stereo is not available, the sound is automatically switched to mono.
SAP	Sets the sound to the second audio program.

【Audio Language】
Select the language supported by the chosen digital channel. It is only available in DTV.
Press ◄/► button to select(English / French / Spanish).

【Digital Audio Output】
Send digital audio to external audio system.
Press ◄/► button to select.

PCM	Select to output audio in 2-channel stereo.
Raw	Original image coded date.
Off	Set digital audio output off.

【AVL】
Set the auto volume control.
Press ◄/► button to select(On / Off).

NOTE:
Balance: This item can adjust the speaker's output, it enables you to listen to best at your position.
AVL: This item uses for reducing the difference between channel and program's volume automatically.
it made the overall water to be even. This function will also reduce the fluctuation of the sound.

TV

Time Menu

Press **MENU** to enter the main menu, Press ◀/▶ button to select.
Press **ENTER / ▼** to enter.
Press **MENU** again to exit or back to parent menu.

Picture	Sound	Time	Setup	Lock	Channel

Sleep Timer	◀	Off	▶
Time Zone	◀	Pacific	▶
Daylight Saving Time	◀	Off	▶
Time Format	◀	12-hour	▶
Auto Clock	◀	On	▶
Clock		2013/01/01 12:14AM	▶

⊕⊝ Select   ⊕⊝ Move   (MENU) Exit

Press ▼ / ▲ button to select among Sleep Timer / Time Zone / Daylight Saving Time / Time Format / Auto Clock / Clock.
Press **ENTER / ▼** to enter.
Press ◀/▶ button to adjust.
Press **MENU** again or back to parent menu.

【Sleep Timer】
Set a timer for the TV to turn off automatically.
Press ◀/▶ button to select(Off / 5min/10min /15min/ 30min / 60min / 90min / 120min/180min/240min).

【Time Zone】
Select your time zone.
Press ◀/▶ button to select(Eastern / Central / Mountain / Pacific / Alaska / Hawaii /Samoa/ Newfoundland / Atlantic).

【Daylight Saving Time】
Set the daylight saving time for your area.
Press ◀/▶ button to select(On / Off).

【Time Format】
Select your time format.
Press ◀/▶ button to select(12-hour / 24-hour).

【Auto Clock】
Use to synchronize the display automatically.It is only available in DTV.
Press ◀/▶ button to select(On / Off).

TV

Setup Menu

Press **MENU** to enter the main menu, Press ◀/▶ button to select.
Press **ENTER / ▼** to enter.
Press **MENU** again to exit or back to parent menu.

Menu Language	◀ English ▶
Transparent	◀ 25% ▶
OSD Timeout	◀ 30 Sec. ▶
Closed Caption	▶
Over Scan	◀ On ▶
Input Label	▶
Other Settings	▶
Restore Default	▶
Setup Wizard	▶

Picture Sound Time Setup Lock Channel

Ⓐ◉ Select   ◉◉ Move   (MENU) Exit

Press ▼ / ▲ button to select among Menu Language / Transparent / OSD Timeout / Closed Caption /Over Scan/ Input Label / Other settings / Restore Default / Setup Wizard.
Press **ENTER / ▼** to enter.
Press ◀/▶ button to adjust.
Press **MENU** again or back to parent menu.

【Menu language】
Select an OSD menu language can be displayed.Default English is selected as menu language.
Press ◀/▶ button to select language(English / Français / Español).

【Transparent】
Adjust the transparency of the OSD (on screen display) menu.
Press ◀/▶ button to select.(0%,25%,50%,75%,100%)

【OSD Time out】
Adjust the duration of the OSD (on screen display) menu.
Press ◀/▶ button to select.(5 Sec.,15Sec.,30Sec.,45Sec.,60Sec.

【Closed Caption】
Adjust Closed Captioning settings. Only available under TV and AV source.
Press **ENTER /▶** button to enter.
For detail please refer to page 18.

TV

Close Caption

【CC Mode】
Turn Closed Captioning on/off.
Press ◀/▶ button to select(CC Off / CC On / CC OnMute).

【Analog CC】
Set Closed Captioning for standard(analog) program.
Press ◀/▶ button to select(CC1 / CC2 / CC3 / CC4 / TEXT1 / TEXT2 / TEXT3 / TEXT4).

【Digital CC】
Set Closed Captioning for digital program.
Press ◀/▶ button to select(Off / Service1 / Service2 / Service3 / Service4 / Service5 / Service6).

【Option】
Adjust the digital Closed Captioning setting.
Press ▶ button to enter.

【Mode】
Set the look of digital Closed Captioning. Automatic uses broadcaster's style.
Press ◀/▶ button to select(Default / Custom).

【Font Style】
Select from 8 font styles.
Press ◀/▶ button to select(Default / Font 0 / Font 1 / Font 2 / Font 3 / Font 4 / Font 5 / Font 6 / Font 7).

【Font Size】
Adjust the size of the digital Closed Captioning font.
Pressvbutton to select(Default /Normal / Large / Small).

【Font Edge Style】
Adjust the edge of the digital Closed Captioning box.
Press ◀/▶ button to select(Default / None / Raised / Depressed / Uniform / Left Shadow / Right Shadow).

【Font Edge Color】
Adjust the color of the digital Closed Captioning box.
Press ◀/▶ button to select(Default/ Black / White / Red / Green / Blue / Yellow / Magenta / Cyan).

【FG Color】
Adjust the color of the digital Closed Captioning font.
Press ◀/▶ button to select(Default/ Black / White / Red / Green / Blue / Yellow / Magenta / Cyan).

【BG Color】
Adjust the digital Closed Captioning background color.
Press ◀/▶ button to select(Default/ Black / White / Red / Green / Blue / Yellow / Magenta / Cyan).

【FG Opacity】
Adjust the transparency of the digital Closed Captioning font.
Press ◀/▶ button to select(Default / Solid / Flashing / Translucent).

【BG Opacity】
Adjust the digital Closed Captioning background transparency.
Press ◀/▶ button to select(Default / Solid / Flashing / Translucent).

TV

【Over Scan】
Press ◀/▶ button to select(On / Off).
It is only available to enter 1080i/720p/1080p in DTV/Component/HDMI. Default is On.
It fixed set to be On in ATV/AV. It fixed set to be Off in PC/USB.

【Input Labels】
Create labels for the devices connected to your TV.
Press **ENTER /▶** button to enter.

Picture	Sound	Time	Setup	Lock	Channel

TV	Default	▷
AV	Default	▷
Component	Default	▷
HDMI	Default	▷
PC	Default	▷
Media	Default	▷

Ⓐ▽ Select	◁▷ Move	(MENU) Exit

【Other Settings】
Set the parameter of audio only, no signal power off and no operation power off.
Press **ENTER /▶** button to enter.

Picture	Sound	Time	Setup	Lock	Channel

Blue Screen	◁	On	▷
Audio Only	◀	Off	▷

Ⓐ▽ Select	◁▷ Move	(MENU) Exit

【Blue Screen】
To select the transition type required while changing from one channel to another
Press ◀/▶ button to select(On / Off).

【Audio Only】
Play the audio with the picture turned off. When you turn the Audio Only on and exit the OSD menu,
the panel will be dark; and then press any key to exit the Audio Only status.
Press ◀/▶ button to select(On / Off).

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TV

【**Restore Default**】
Change power on options or reset TV to factory default.
Press **ENTER / ▶** button to enter.

【**Setup Wizard**】
Set the first time installation.
Press **ENTER / ▶** button to enter.
For detail please refer to page 9-10.

TV

Lock Menu

Press **MENU** to enter the main menu, Press ◀/▶ button to select.
Press **ENTER** / ▼ to enter.
Press **MENU** again to exit or back to parent menu.

Press ▼ / ▲ button to select among Change Password / System Lock / Input Block / US Rating / Canada Rating /RRT Setting / Reset RRT/Hotel menu
Press **ENTER** / ▼ to enter.
Press ◀/▶ button to adjust.
Press **MENU** again or back to parent menu.

Enter your 4-digital password. Default password is 0000,and if forget what you set, please call the service center.

【**Change Password**】
Enter a new 4-digital password then re-enter it to confirm.
Press ▶ button to enter.

【**System Lock**】
Lock or unlock the buttons on the TV.
Press ◀/▶ button to select(Off / On).

【**Input Block**】
Block or unblock the input sources.
Press ▶ button to enter.
Press ◀/▶ button to select(Unblock / Block).

Picture	Sound	Time	Setup	Lock	Channel

TV	Default	▷
AV	Default	➤
Component	Default	➤
HDMI	Default	➤
PC	Default	➤
Media	Default	➤

| Ⓐ⊙ Select | ⊙⊙ Move | (MENU) Exit |

【**US Rating**】
Restrict movie and TV programs by US Ratings.
Only available when "System Lock" is "on".
Press ▶ button to enter.
For detail please refer to page 23~24.

【**Canada Rating**】
Restrict movie and TV programs by Canadian Ratings..
Only available when "System Lock" is "on".
Press ▶ button to enter.
For detail please refer to page 24.

【**RRT Setting**】
Display an advance V-Chip rating table for digital channels.
The item is available only When current stream has downloadable rating data.

【**Reset RRT**】
Reset the RRT to default.
The item is available only When current stream has downloadable rating data.

【**Hotel Menu**】
Press ▶ button to enter.
For detail please refer to page 25.

TV

US Rating

For the United States, the rating setting basically include the following options: TV, MPAA.

TV

The TV rating compose of two aspects: age-based and content-based.
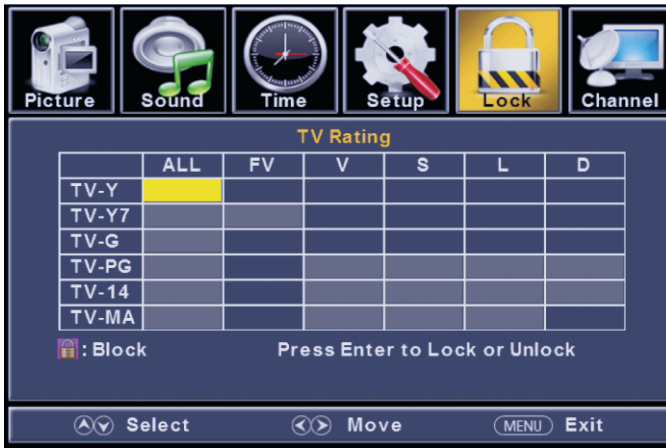
Age	Define
TV-Y	General audience
TV-Y7	Parental guidance suggested
TV-G	Parents strongly cautioned
TV-PG	Retricted
TV-14	No one 17 and under admitted
TV-MA	Adult audience only

*Note:
     The content ratings will increase depending on the level of the age-based rating.
For example, a program with a TV-PG V(violence) rating may contain moderate violence, while a TV-14 V(violence) rating may contain intense violence. So locking a higher level option will automatically cause locking the options that has more sensitive level.

TV

MPAA

This system defines the rating control which come from MPAA rules.

Rating	Define
G	General audience. All ages admitted.
PG	Parental guidance suggested. Some material may not be suitable for children.
PG-13	Parents strongly cautioned. Some material may be inappropriate for children under 13.
R	Restricted. Children under 17 require accompanying parent or adult guardian.
NC-17	No one 17 and under admitted.
X	Adult audience only.
Off	

Canada Rating

For Canada, the rating setting include the following options: Canada English, Canada French.

Canada English

These ratings are for programs which are using English rating system.

Rating	Defined as
Off	News and sports
C	Children
C8+	Children 8 years and older
G	General programming
PG	Parental guidance
14+	Viewers 14 and older
18+	Adult programming

Canada French

The ratings are for programs which are using French rating system.

Rating	Defined as
Off	News and sports
G	General
8 ans+	Not recommended for children under age 8
13 ans+	Not recommended for children under age 13
16 ans+	Not recommended for children under age 16
18 ans+	This program is restricted to adults

TV

Hotel Menu

【Hotel Mode】
Set hotel mode On or Off.
Note: The following settings work only when Hotel Mode is set to be On.

【Boot Setting】

【Picture Mode】
Adjust picture mode to change picture appearance.
Press ◄/► button to select(Standard / Dynamic / Soft / User).

【Default Volume】
Set the default volume for every time you open the TV, the default volume is 20.

【Max Volume】
Set the max volume that you can adjust.

【Boot Source】
Set the default input source when turning on your TV.

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TV

【Boot Channel】
Set boot channel On or Off.
Note:Channel Select is available when Boot Channel is set to be On.

【Channel Select】
Set boot default on what channels.After channel searching,channels in the list can be selected.

【Hotel Lock】
To lock the Tuner/Key Pad/Menu Lock that you want.
Channel searching is invalid when Tuner Lock is set to be On

【Power Save】
Set a timer for the TV to turn off automatically.
Available Timer:60Min,120Min,180Min,240Min,Off

【TV to USB】
Backup data to USB.

【USB to TV】
Restore data from USB.

【Reset Hotel Setting 】
Recall the default settings of Hotel menu.

TV

Channel Menu

Press **MENU** to enter the main menu, Press◀/▶button to select.
Press **ENTER / ▼** to enter.
Press **MENU** again to exit or back to parent menu.

Picture	Sound	Time	Setup	Lock	**Channel**

Air/Cable	◀	Air	▶
Auto Scan			▶
Favorite			▶
Channel List			▶
Show/Hide			▶
Channel Number	◀	2-0	▶
Channel Label			▶

Ⓐ⊘ Select   ⊘⊘ Move   (MENU) Exit

Press ▼ / ▲ button to select among Air/Cable / Auto Scan / Favorite / channe list / Show/Hide / Channel Number / Channel Label .
Press **ENTER / ▼** to enter.
Press◀/▶button to adjust.
Press **MENU** again or back to parent menu.

【Air/C able 】
Select signal type.
Press◀/▶button to select(Air/Cable).

【Auto Scan】
Automatically search for channels.
Press **ENTER /▶**button to enter.

Are you sure to Auto Scan? No Yes	Analog : -- Digital : -- RF CH : 1 Total Found : 0
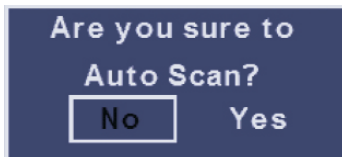
TV

【Favorite s】
Add channels to create a favorite list.
Press ▶button to enter.

【Channel List】
Display your program list.
Press ▶button to enter.

【Show/Hide】
Show or hide the channels in your program list.
Press ▶button to enter.

【Channel Number】
Show the channel number.
Press◀/▶button to adjust.

【Channel Label】
Create labels for channels ,up to 7 characters.
Press◀/▶button to adjust.

PC

PC Menu

Press **INPUT** to select PC source.
Press **MENU** to enter the main menu, Press ◀/▶ button to select Setup menu.
Press ▼ to select PC Settings.

Menu Language	◀ English ▶	
Transparent	◀ 0% ▶	
OSD Timeout	◀ 30 Sec. ▶	
Closed Caption	▶	
Over Scan	◀ On ▶	
Input Label	▶	
PC Settings	▷	
Other Settings	▶	
Restore Default	▶	

Picture Sound Time Setup Lock Channel

▲▼ Select   ◀▷ Move   (MENU) Exit

Press ▼ / ▲ button to select among H-Pos / V-Pos / Clock / Phase / Auto.
Press **ENTER** / ▼ to enter.
Press ◀/▶ button to adjust.
Press **MENU** again or back to parent menu.

Picture Sound Time Setup Lock Channel

H-Pos		50
V-Pos		34
Clock		50
Phase		48
Auto	▶	

▲▼ Select   ◀▷ Move   (MENU) Exit

PC

【H-Pos】
Adjust the horizontal position of the picture.
Press ◀/▶ button to adjust.

【V-Pos】
Adjust the vertical position of the picture.
Press ◀/▶ button to adjust.

【Clock】
Adjust the vertical position of the picture.
Press ◀/▶ button to adjust.

【Phase】
Adjust the horizontal interfering lines.
Press ◀/▶ button to adjust.

【Auto】
Adjust to the screen automatically to the optimal position of the picture.
Press ▶ button to enter.

*Notes:
1. Color,Tint,Sharpness,Noise Reduction,Dynamic Contrast and HDMI Mode in
   PICTURE are invalid.
2. MTS and Audio Language in SOUND menu are invalid.
3. Auto Clock in TIME menu is invalid.
4.Close Caption in SETUP menu is invalid.
5.US Rating, Canada Rating, RRT Setting and Reset RRT in LOCK menu are invalid.
6.PC mode has no CHANNEL menu.

Help

No Power	Check to see if the AC cord of the television is properly plugged into the outlet. If there is still no power, remove the AC cord and replug after 60 seconds. Attempt to start the television again.
Not receiving signal properly	- A double image or ghost could be caused by obstructions of the external antenna. Consult the instruction manual to change the direction of the external antenna. - Perhaps the location of the antenna is not good. Use of a taller antenna can improve the quality of the images. - If you use an indoor antenna, reception may be difficult in some situations. You can attempt to adjust the internal antenna to improve the image. If this does not improve the picture, the external antenna will need to be adjusted.
No Picture	- Check to be sure the antenna at the back of the unit is connected properly. - Try to select other channels to be sure the issue is not with the channel. - Check for possible sources of interference.
Poor sound or no sound	- Increase the volume. - Check to be sure the unit is not in MUTE mode. Press the mute button to restore sound. - Try to select other channels to be sure the issue is not with the channel. - Check for possible sources of interference. - Check to be sure the antenna at the back of the unit is connected properly.
Poor color or no color	- Adjust the contrast and/or brightness of the TV. - Try to select other channels to be sure the issue is not with the channel. - Check to be sure the antenna at the back of the unit is connected properly.
Poor reception	Check to be sure the antenna at the back of the unit is properly connected.
Horizontal or diagonal lines on screen	- Unit could be experiencing interference from other appliances such as a hair dryer or vacuum. Discontinue the use of these other appliances to improve reception. - Check to be sure the antenna at the back of the unit is connected properly.
TV does not respond to the remote	- Point the remote directly to the sensor on the TV. If this does not work, be sure that the remote is in working order (batteries correctly installed, etc.)
No Video in PC mode	- Check if the display cable is properly connected to the VGA input. - Check to be sure the display cable is not bent or damaged.
The screen is too dark or too light in PC mode	Adjust the contrast ratio or brightness in Main menu.
No response in PC mode	Check the computer setting for compatible display resolutions.
Lines in picture while using RCA connection	- Check if the cable is properly connected to the input. - Check to be sure the cable is not bent or damaged. - Use a correct RCA cable.
Problems still exist	Unplug the power cord and wait for 60 seconds, then reconnect. If problems remain with the unit, please do not attempt the repairs yourself. Contact the Customer Service center for assistance.

Machine Technical Specifications

Screen Size	TV System	Preset Channels	Speaker Output
16″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	5W+5W
19″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	5W+5W
20″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	5W+5W
22″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	5W+5W
24″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	5W+5W
28″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	8W+ 8W
32″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	10W+10W
39″/40″	PAL/NTSC	PAL:0-199 NTSC:AIR 2-69 CABLE1-125	10W+10W
42″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	10W+10W
43″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	10W+10W
46″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	10W+10W
50″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	10W+10W
65″	PAL/NTSC	PAL:0-199,NTSC:AIR 2-69 CABLE1-125	10W+10W

Screen Size	power Consumption	Main accessories
16″	24W	
19″	36W	
20″	36W	
22″	36W	
24″	31W/48W	
28″	31W/36W	User's manual x1
32″	51W/56W	Remote controller x1
39″/40″	60W/70W/76W	Power cord x1
42″	70W/95W/100W	AAA Batteries x2
43″	80W	
50″	135W/108W	
55″	135W/140W	
65″	158W/165W	

★ LIFE TIME : 60,000 Hrs

VESA	Screen Size	Screen Weight	Wall Mount Type
MIS-B	4-7.9in 10-20cm	≤4.4lbs ≤2kg	20 x50mm
MIS-C	8-11.9in 20-30cm	≤10lbs ≤4.5kg	35 x75mm
MIS-D	12-22.9in 30-58cm	≤30.8lbs ≤14kg	75 x 75mm; 100 x100mm
MIS-E	23-30.9in 58-78cm	≤50lbs ≤23.7kg	100 x 200mm
MIS-F	≥31in ＞78cm	≤250lbs ≤113.6kg	More than 200mm

The screen size is just an approximate value, please choose wall mount type according to screen weight

The specifications and design of this product are subject to change without notice for improvement thereof.

USER'S MANUAL