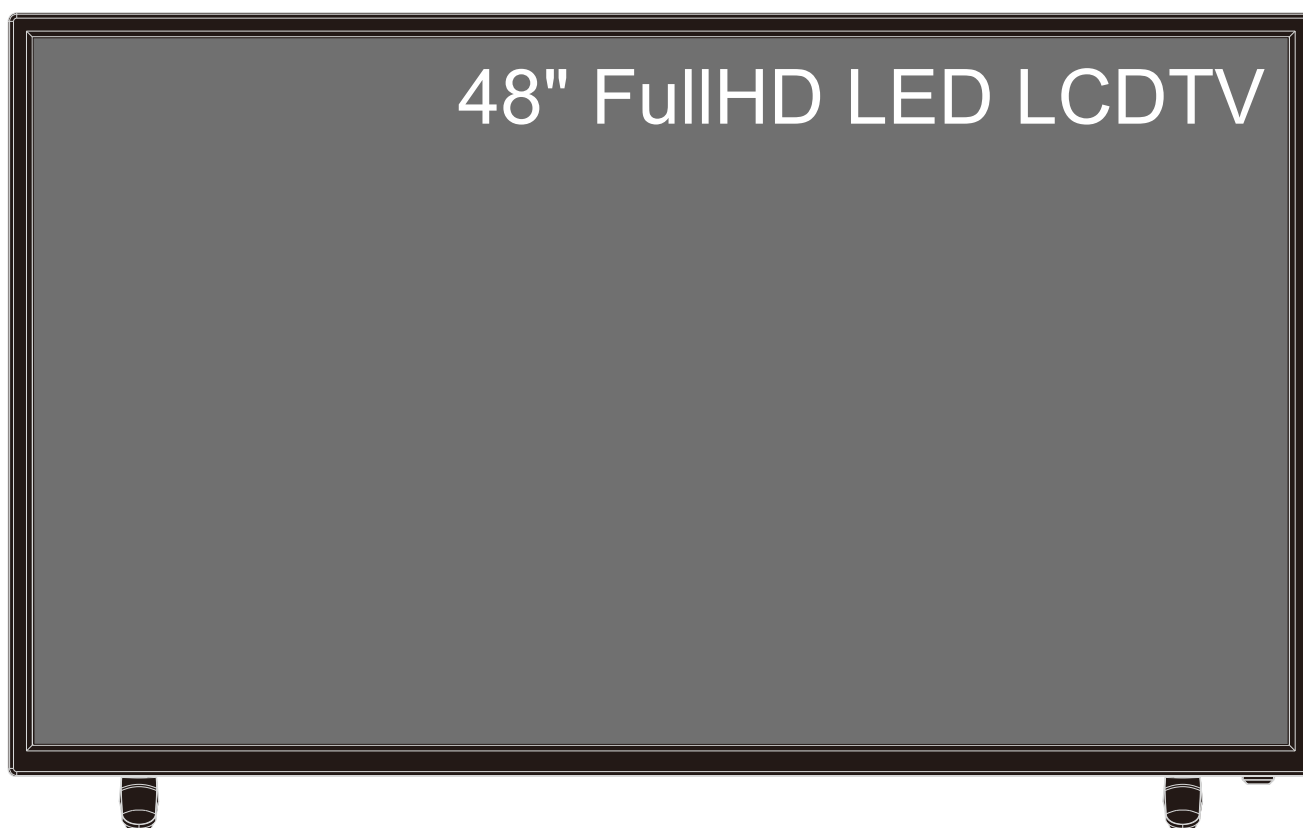
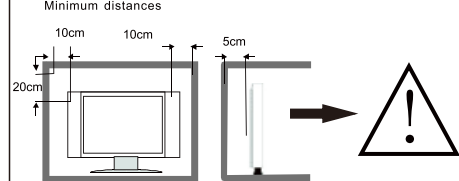
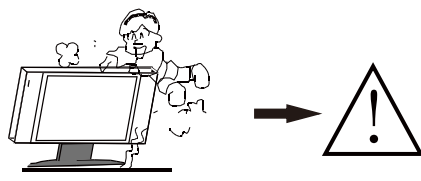
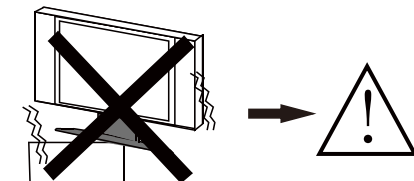
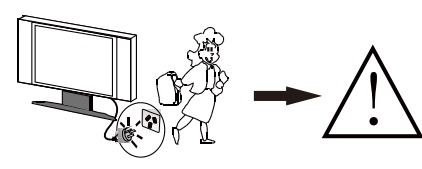
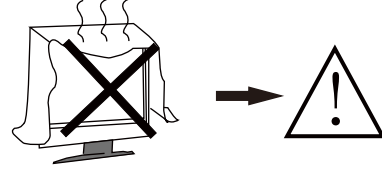
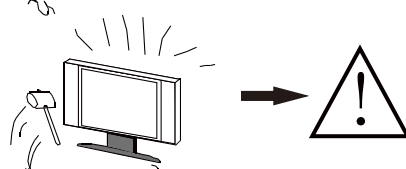




# Instruction Manual



## **E48FH16A-AU**

<p>Minimum distances</p>  <p><b>Caution</b></p> <p>If the television is placed into a confined space, ensure that the minimum distances are observed as shown. Heat build up can reduce the service life of your television, and can also be dangerous.</p>	 <p><b>Caution</b></p> <p>Never stand on, lean on, push or apply force to the product or its stand. You should pay special attention to children.</p>	 <p><b>Caution</b></p> <p>Do not place the main unit on an unstable cart stand, sheif or table. Serious injury to an individual, and damage to the television, may result should it fall.</p>
 <p><b>Caution</b></p> <p>When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.</p>	 <p><b>Caution</b></p> <p>Avoid exposing the main unit to direct sunlight and other sources of heat. Do not position television receiver directly on other products which give off heat.e.g. video cassette players, audio amplifiers. Do not block the ventilation holes in the back cover. Ventilation is essential to prevent electrical failure. Do not squash power supply cord under the main unit.</p>	 <p><b>Caution</b></p> <p>The panel used in this product is made of glass. It can break if the product is dropped or if force is applied to the panel. Individuals should execute caution when dealing with broken glass should the panel break.</p>


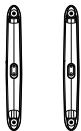

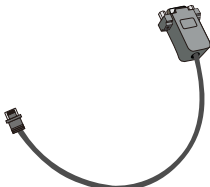

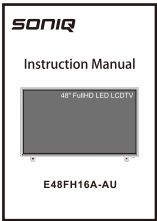
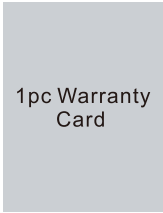
## Exemptions

- SONIQ is not liable for any damage caused by fires, natural disaster(such as thunderstorms, earthquake, etc.), acts by the third parties, accidents, owner's misuse or use in other improper conditions.
- SONIQ is not liable for incidental damages(such as profit loss or interruption in business, modification or erasure of record data, etc.) caused by use or inability to use of product.
- SONIQ is not liable for any damage caused by neglect of the instructions described in the owner's manual.
- SONIQ is not liable for any damage caused by misuse or malfunction through simultaneous use of this product and the connected equipment.

## Introduction

Thank you for purchasing the unit. Your unit will bring you years of high-quality viewing enjoyment. The television is easy to operate and provides exceptionally high quality image. The manual will explain the operation of the unit, including its functions, features and other important features. Before installing or operating your unit, please take the time to thoroughly read this manual, particularly the sections on safety.

## Package Contents

			
Main Unit	Stand	Screws: 4PCS Ø4-BM	RS232 Cable 1PC
			
Remote Control AAA Batteries(x2)	Instruction Manual	Warranty Card	

# Safety Instruction



1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating instructions should be followed.
5. **Battery** - Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
6. **Earthing Connection** - The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
7. **Water and Moisture** - The appliance should not be used near water.
8. **Cart and Stands** - The appliance should only be used with a cart or stand that is recommended by the manufacturer.
9. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
10. **Ventilation** - The appliance should be well situated so that its location or position does not interfere with its proper ventilation.
11. **Heat** - This appliance should be placed away from heat sources such as radiators, heat registers and stoves.
12. **Power Sources** - The appliance should only be connected to a power supply as described in the operating instructions or as marked on the appliance.
13. **Grounding or Polarization** - Precautions should be taken.
14. **Power Cord Protection** - Power supply cord should be located so that it is not likely to be walked on, or pinched by items placed upon it.
15. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
16. **Power Lines** - An outdoor antenna should be located away from power lines.
17. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, the antenna system must be grounded so as to provide against voltages and built-up static charges.
18. **Non-use Periods** - The mains plug is used as disconnect device, the disconnect device shall remain readily operable. The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
19. **Objects and Liquids** - Care should be taken so that objects do not fall, and liquids are not spilled into the enclosure through openings.
20. **Conditions Requiring Service** - The appliance should be serviced by qualified service personnel when:
  - The power-supply cord or the plug has been damaged.
  - Objects have fallen on or liquid has been spilled into the appliance.
  - The appliance has been exposed to rain.
  - The appliance does not appear to operate normally or exhibits a marked change in performance.
21. This appliance should not be exposed to water and no objects filled with liquids such as a vase should be placed on the unit. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

## Important Information

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous if it falls. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

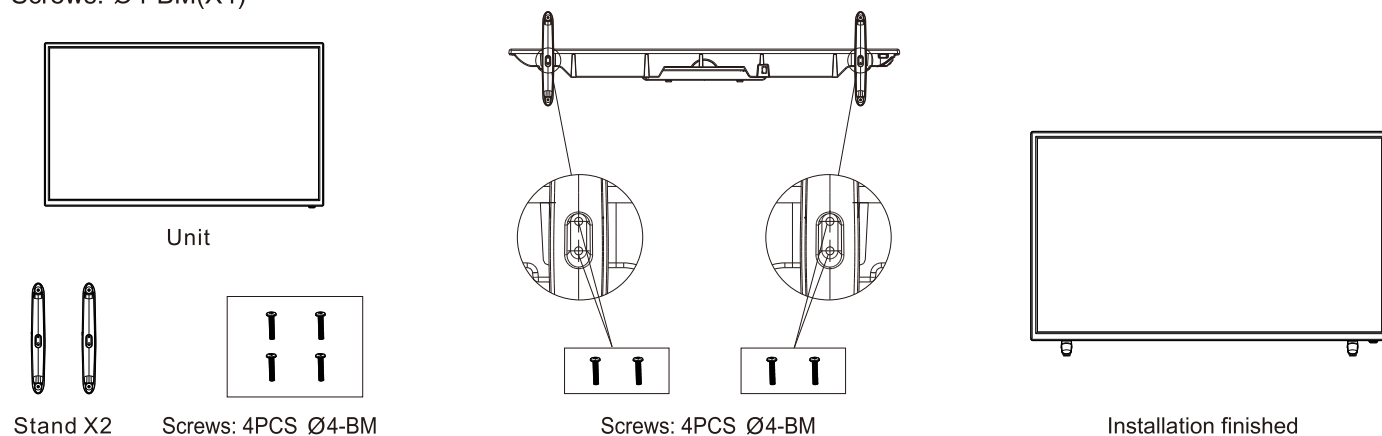
- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.
- Figures and illustrations in this user manual are provided for reference only and may differ from actual product appearance. Product design & specification may be changed without notice.

<p><b>Warning</b> High voltages are used in the operation of this product. Do not remove the back cover of the cabinet. Refer servicing to qualified service personnel.</p>	<p><b>Warning</b> To prevent fire or electrical shock hazard, do not expose the main unit to rain or moisture.</p>	<p><b>Warning</b> Do not insert foreign objects into the television's slots or openings. Never spill any kind of liquid on the television receiver.</p>
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## Stand Installation

Before performing work please lay the TV on the platform to prevent it from being damaged. Assemble the stand and unit with (4) screws. To remove the stand, reverse instruction as above.

Screws: Ø4-BM(X4)

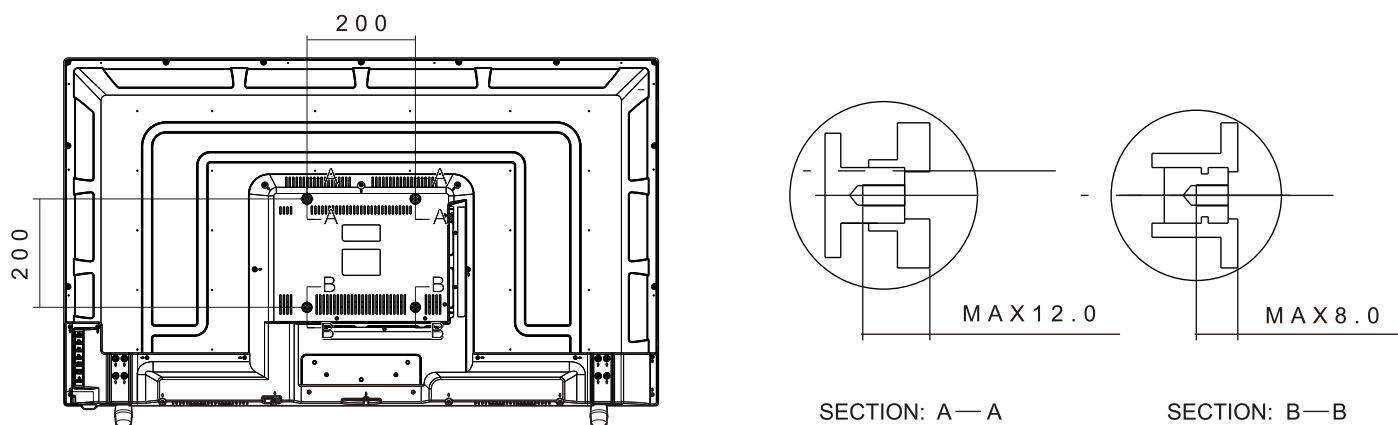


## Wall Mounting Instruction

This TV is equipped with mounting holes of 200mm.

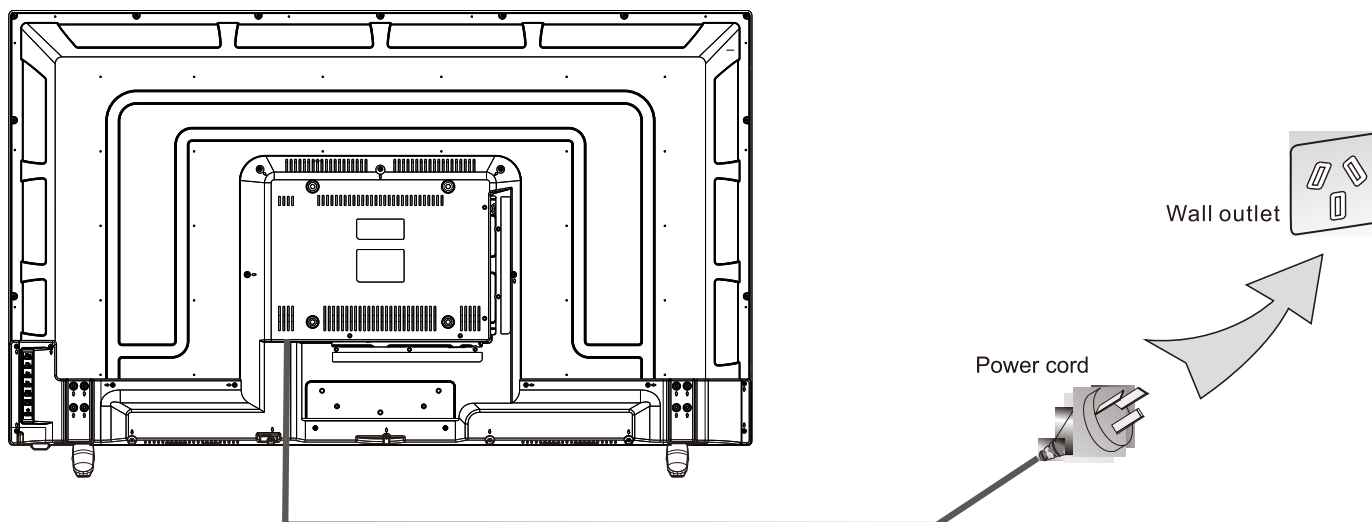
If the thickness of the wall mount is 2mm, 4PCS of type M6 x 10mm screws are required (the length of the screws fixed in the interior of the TV should not be longer than 8mm).

Recommend to use SONIQ wall mount and install by professional people (do not operate while the TV is on).

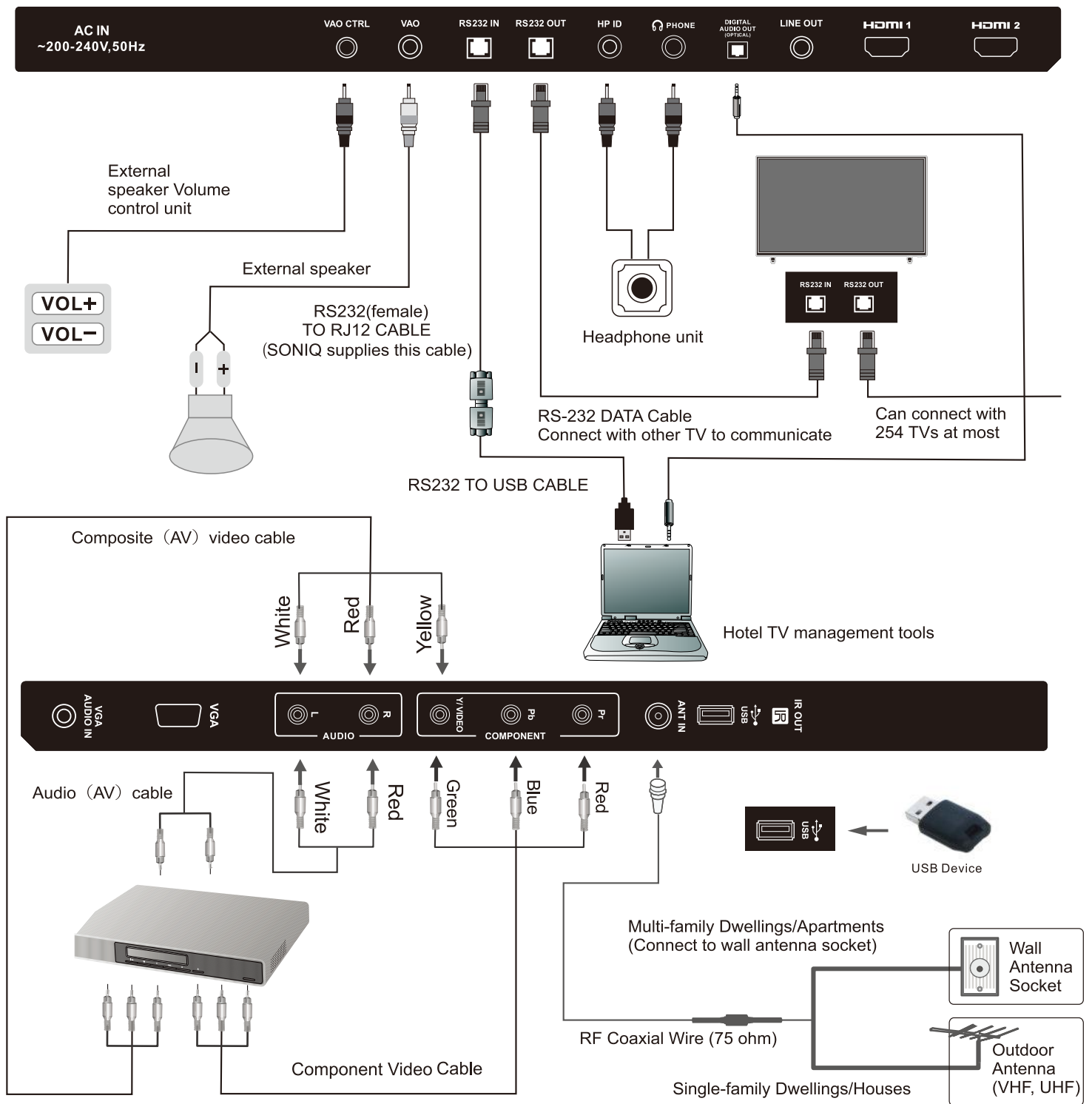


## Connecting the Power Cord

Connect the power cord directly to the wall outlet.



# Connection



## Connection and Setup

### Connecting the USB Device

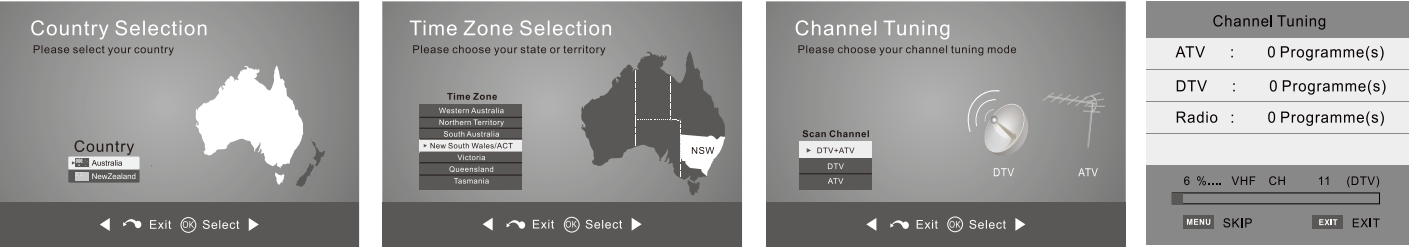
Insert USB device directly to unit.

1. Please do not turn off the TV or unplug the USB device when connected USB storage device is working. When such device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged.
2. Please use only a USB storage device which was formatted as a FAT32 file system, NTFS file system provided with the Windows operating system. In case of a storage device formatted as a different utility programmer which is not supported by Windows, it may not be recognized.
3. Please connect power to a USB storage device(over 500ma) which requires an external power supply. If not, the device may not be recognized.
4. If the USB HDD does not have an external power source, the USB device may not be detected. So be sure to connect the external power source.
5. The recommended capacity is 1TB or less for a USB external hard disk and 32GB or less for USB memory.
6. Only English is supported in USB mode. Other languages such as Chinese, Japanese, etc. Will not be displayed or display an error.

# TV Auto Scan

There are two methods for performing an automatic digital TV channel search.

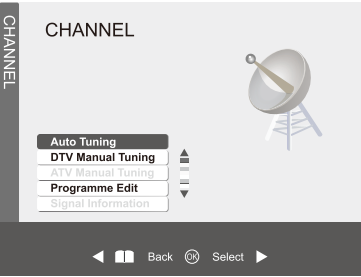
## Method 1



1. The Initial Setup window will appear when you begin. This system is available in Australia and New Zealand.
2. Press “OK” button to proceed to the next step.
3. Use ▲/▼ to choose your location and press “OK” to confirm.  
Use ▲/▼ to choose the scan type, then press “OK” button to start channel tuning.

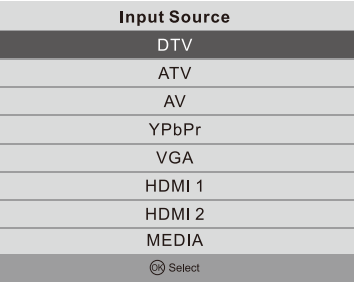
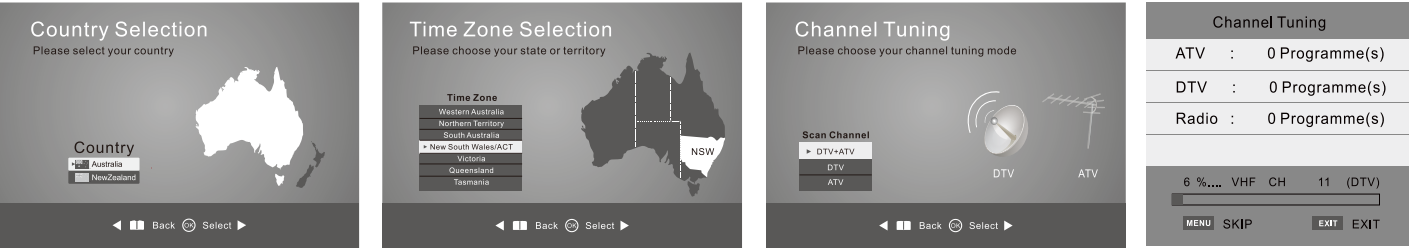
## Method 2

Press MENU button to enter the CHANNEL page as follows:



### A. Auto Tuning

1. Auto Tuning will be highlighted on entering this screen. Press “OK” button to continue.
2. Press ▲/▼ to select country, Press “OK” button to continue.
3. Press ▲/▼ to select your location and press “OK” to continue.  
Then use ▲/▼ to choose the tuning type.
4. Press “OK” to start auto search.



1. Press SOURCE button on remote control to display Input Source.
2. Use ▲/▼ button to highlight TV and press “OK” button to confirm.

## Hotel TV Management Tools



### IMPORTANT NOTE

Other devices won't be controlled by the hotel TV management tools if one television in the multi-grade-connect is powered off as the RS232 is series connection. TVs are under control in standby and power-on states.

To download **hotel TV management tools**, go to E48FH16A-AU at [www.soniq.com](http://www.soniq.com) website.

## Supported PC Input Signal

Your unit can use as PC monitor, it supports below RGB-PC, HDMI mode INPUT.

RGB-PC, HDMI mode INPUT SPEC				
VGA / HDMI1 / HDMI 2 Input				
Input Format	Resolution	Horizontal frequency(KHz)	Vertical frequency(Hz)	Standard
	640 x 480	31.5	60	VGA
	640 x 480	37.861	72.809	VESA



# Remote Control

## Remote Control Key Functions



### Power button

Toggles the unit between standby and on.

### Numerical buttons

Press 0-9 to select a TV channel directly when watching TV. The channel changes after 2 seconds or press "OK" button to change immediately.



Press to return to previous channel.



### FAV button

In TV mode, press FAV button to display your favorite programs.

### SLEEP button

Press to activate sleep timer.

### PAUSE button

Press to pause the current picture, press again to resume.

### ASPECT button

Press to change the aspect ratio of the TV display.

### MENU button

Press to display the main menu.

### SOURCE button

Press to display the Source menu.

### EXIT button

Exit most menu to default status directly. Press to quit all menu.

### EPG button

Open or close EPG menu.

### Navigation keys (▲/▼/◀/▶/OK)

Allows you to navigate the on screen menus and adjust the system settings to your preference.

Press OK in DTV mode to display channel list.

### REC button

Press to record program to memory storage.

### REPEAT

In media source, press to repeat 1 / All or off.

### TSR

Press to delay the process of program broadcasting.

Has the function of timeshift under DTV mode.

### T/R button

In DTV mode, press to switch between radio and DTV channels.

### A-B button

Enables you to repeat a selected section during Media video playback or DTV recording file playback.

### GOTO button

MEDIA mode.



### MUTE button

Press to mute the sound. Press again or press VOL+/- to resume.

### P.MODE button

Press to select preset picture mode.

### S.MODE button

Press to select preset sound mode.

### SUBTITLE button

In DTV mode, press to change subtitle on / off. Has related functions under MEDIA mode.

### I-II / AUDIO button

Press to select sound output mode.

### INFO button

Press to display the information of current system programme.

### VOL+/-

Press to increase / decrease the sound level.

### CH ▲ / ▼

Selects a programme in DTV / ATV mode.

### PVR.L

Press to display the recorded program list.

### CANCEL button

Only available in interactive application, TEXT menu and Music source.

### TEXT button

On / Off the teletext.

### ▶|| button

Press to playback or pause the program.

### D / A button

Switch directly between ATV and DTV.

### REVEAL

Display hidden Text characters.

### ◀◀ button

Press to fast reverse playback.

### SUB. PAGE

Prompt the user to enter a subcode for the Text page.

### ▶▶ button

Press to fast forward playback.

### HOLD button

Stop refurbish Text current page.

### ■ button

Press to stop media playback.

Under DTV mode, press it to stop program recording.

### INDEX button

Teletext index page.

### ◀◀ button

Press to return to previous chapter or track.

### TXT. Size

Toggles the text size display between half top page, half bottom page and normal.

### ▶▶|| button

Press to skip to next chapter or track.

## ► Note:

USB/SD/3D/DVD/TITLE/PBC/SETUP/D.DIS are invalid.

## Reminder

Your unit has integrated HD digital and analog tuner in the same unit. You can enjoy both digital and analog broadcasting under following set-up easily.

The latest news, software, utility, driver, product, manual and Q&A will be found at SONIQ website

<http://www.soniq.com>

Input Format	Resolution	Horizontal frequency(KHz)	Vertical frequency(Hz)	Standard
	640 x 480	37.5	75	VESA
	720 x 400	31.5	70	VGA-T
	800 x 600	37.9	60	VESA Guidelines
	800 x 600	48.077	72.19	VESA
	800 x 600	46.9	75	VESA
	1024 x 768	48.4	60	VESA Guidelines
	1024 x 768	60	75	VESA
	1152 x 870	68.68	75	Mac
	1280 x 960	60.0	60	VESA
	1360 x 768	47.7	60	VESA
	1280 x 1024	63.395	60	VESA
	1440 x 900	55.9	59.9	VESA
	1680 x 1050	65.3	60	———
	1920 x 1080(RGB-PC)	66.587	59.93	VESA
	1920 x 1080(HDMI-PC)	67.5	60	VESA

## SpeciLcation

Operating Voltage	~200-240V AC, 50Hz	
Power Consumption	90W, < 1W(Standby)	
Video Format Supporting	COMPONENT	480i, 480p, 576i, 576p, 720p (50Hz/60Hz), 1080i (50Hz/60Hz),1080p(50Hz/60Hz).
	HDMI	480p, 576p, 720p (50Hz/60Hz), 1080i (50Hz/60Hz),1080p (50Hz/60Hz).
Digital TV	Programme Coverage	New Zealand:UHF 474M~858M Australia:VHF 174M-230M,UHF 520M-820M
	Channel Bandwidth	7/8MHZ
	Video Decode	1080i, 720p, 576p, 576i
	Audio	MPEG -1; MPEG-2; AC-3
Analog TV	TV System	PAL B/G; D/K; I
Panel Spec	Active Area	1054.08mm X 592.92mm 48 Inch(122cm)
	Pixel Format	1920horiz.by1080vert pixels RGB Horizontal Stripe arrangement
	Luminance White	210cd/m²(Typ)
	Contrast Ratio	4000:1(Typ)
	Color Depth	1.07B(Dithered 10bit)
Input & Output	ANT IN	ANT IN x 1
	HDMI input	HDMI x 2
	USB input	USB x 1
	YPbPr input	YPbPr x 1
	Line out	Line out x 1
	IR out	IR out x 1
	VAO	VAO x 1
	VAO VOL CTRL	VAO VOL CTRL x 1
	RS232 in	RS232 in x 1
	RS232 out	RS232 out x 1
	HP-ID	HP-ID x 1
	VGA input	VGA x 1
	VGA AUDIO input	VGA AUDIO x 1
	Audio input	Audio x 1
	DIGITAL AUDIO OUT OPTICAL	DIGITAL AUDIO OUT OPTICAL x 1
	EARPHONE-OUT	EARPHONE-OUTX1
Audio Power	2 x 8W(8 Ω)+4W Mono(8 Ω )	
Unit Dimension	1097(L) x 265(W) x 689(H)mm	

► Design and specifications are subject to change without prior notice.

**HOTLINE**

• AUSTRALIA : 1300 765 663  
• NEW ZEALAND : 0800 100 236