



Interactive Intelligent Panel Display

Owner's Operating Manual



Before operating the unit, please read this manual thoroughly, and retain it for future reference.

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Safety Warning

Before operating the unit, please read this manual thoroughly, and retain it for future reference.

Placement

- Do not place the unit on an unstable cart, stand, tripod, bracket, table, or shelf.
- Do not expose the unit to direct sunlight and other sources of heat.
- Do not put the unit near appliances that create magnetic fields.
- Do not handle liquids near or on the unit.
- Never spill liquid of any kind into the unit
- Do not put heavy objects on top of the unit.

Power Supply

- Check that the unit's operating voltage is identical with your local power supply.
- Please unplug power supply and aerial plug when the weather is thunder-storm or lightning.
- please unplug power supply, when there is nobody at home or didn't use over a long period of time .
- Please keep power cord from physical or mechanical damage.
- Please use exclusive power cord, don't modify or lengthen it.
- Please check and ensure AC source is connected with the ground.
- For 42/55/65 inch Display equipment: Fuse in inlet, 4A, 250 VAC.
- For 70/82 inch Display equipment: Fuse in inlet, 10A, 250 VAC.

LCD Screen

- Never use any other tough or sharp object to replace the written pen.
- Unplug the power supply plug before cleaning.
- Clean the screen with a soft dustless and dry cloth.
- Never use water or the spray type detergent to clean the unit.
- For deep clean, contact an authorized service center.
- Please don't display the high brightness image on the screen for a long time.

Sight Distance

- The best distance between audience and screen is 5-7 times that of screen diagonal.
- The best watching angle between audience and screen as top and bottom, or so inside 176 degrees.

Temperature

- Do not place the unit near or over a radiator or a heater register.
- If your unit is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely.
- Normal operating temperature is 0 ~ 40°C, storage temperature is -20~ 60°C

Humidity

- Do not expose machine in rain, damp or place near water.
- Ensure the indoor drying, cool. Normal operating humidity is 0~80%, storage humidity is 0~85%.

Ventilation

- Keep the ventilation openings clear.
- Ensure that the unit has enough space for ventilation around: left, right and back >10cm, top > 20cm.

Earphone

- It will effect the hearing while using the earphone listen noisy sound for a long time.
- Before using earphone, please turn down the volume in advance.

Standby

- It will enter standby mode but not turn off the unit while press the standby key on the side panel.
- It will enter to standby mode by double-click the standby key under the internal PC mode .

Battery

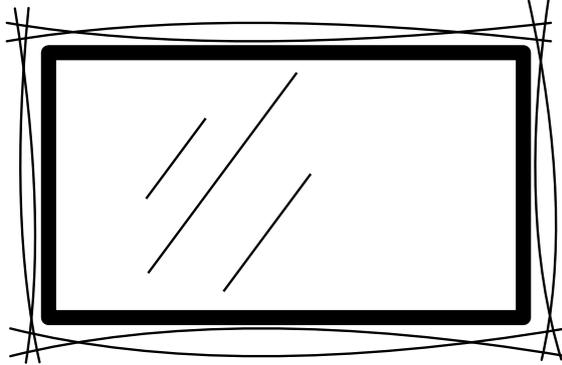
- Accurate transaction and recall scrap battery after using.
- Please don't let kid touch battery, in case of dangerous don't throw battery into fire.

CAUTION

- This is a Class A product, in the living environment, this product may cause radio interference. In this case, you may need to take practical measures to users of its interference.

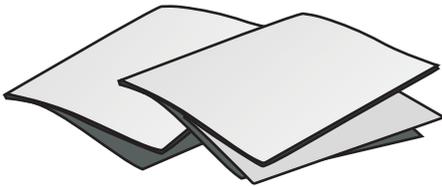
Installing

1 Open your package

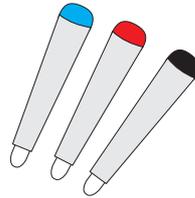


1) Checking parts:

Fix Card, Quick Use Guide, Remote Control, Batteries, Power Cord, VGA Cable, USB Cable, Audio Cable, handwritten pen and CD



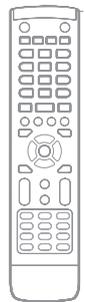
Fix Card, Quick Use Guide, Qualified Certification



Handwritten pen



Batteries



Remote control



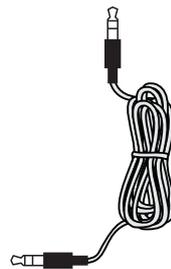
Power Cord



VGA Cable



USB Cable



Audio Cable



CD

2).The mobile bracket(matched)takes material object as the standard

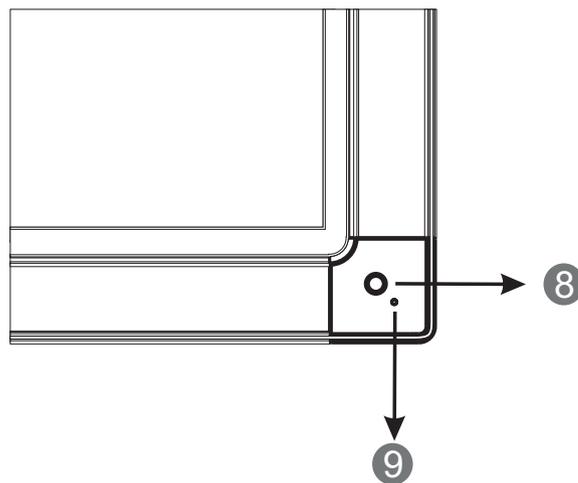
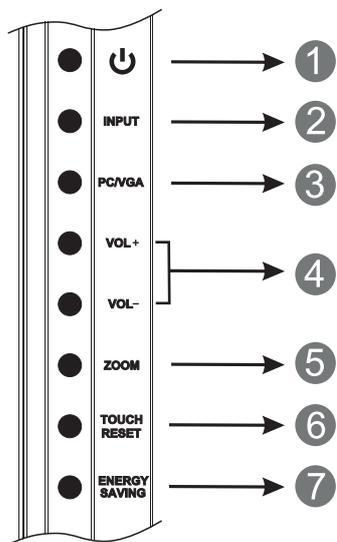
3).The wall bracket(matched)takes material object as the standard

2) Installation

1).Please read “Mobile Bracket Installing Instruction” while installing.

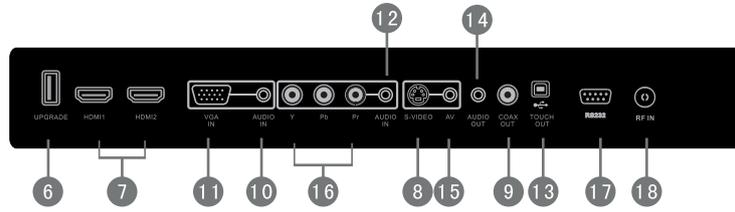
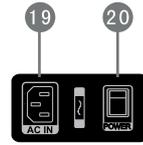
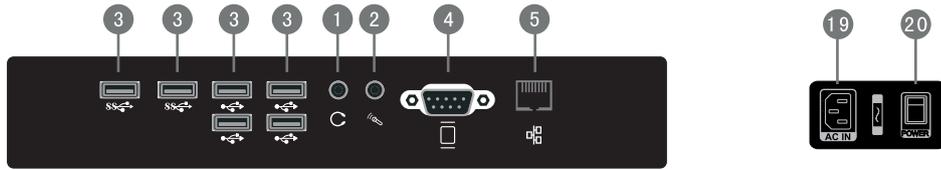
2).Please read “Wall Bracket Installing Instruction” while installing.

2 Control Panel



Item	Function Description
①	Power on/off
② INPUT	Switch to different source
③ PC/VGA	Fast switching to PC or VGA source
④ VOL+/-	Volume adjust
⑤ ZOOM	Switch screen ratio
⑥ TOUCH RESET	Reset the Touch Frame
⑦ ENERGY SAVING	The Equipment Into the energy-saving mode
⑧ Remote control signal receiver	Receive the remote control signal
⑨ Power indicator	Indicator color shows the status of power on/off

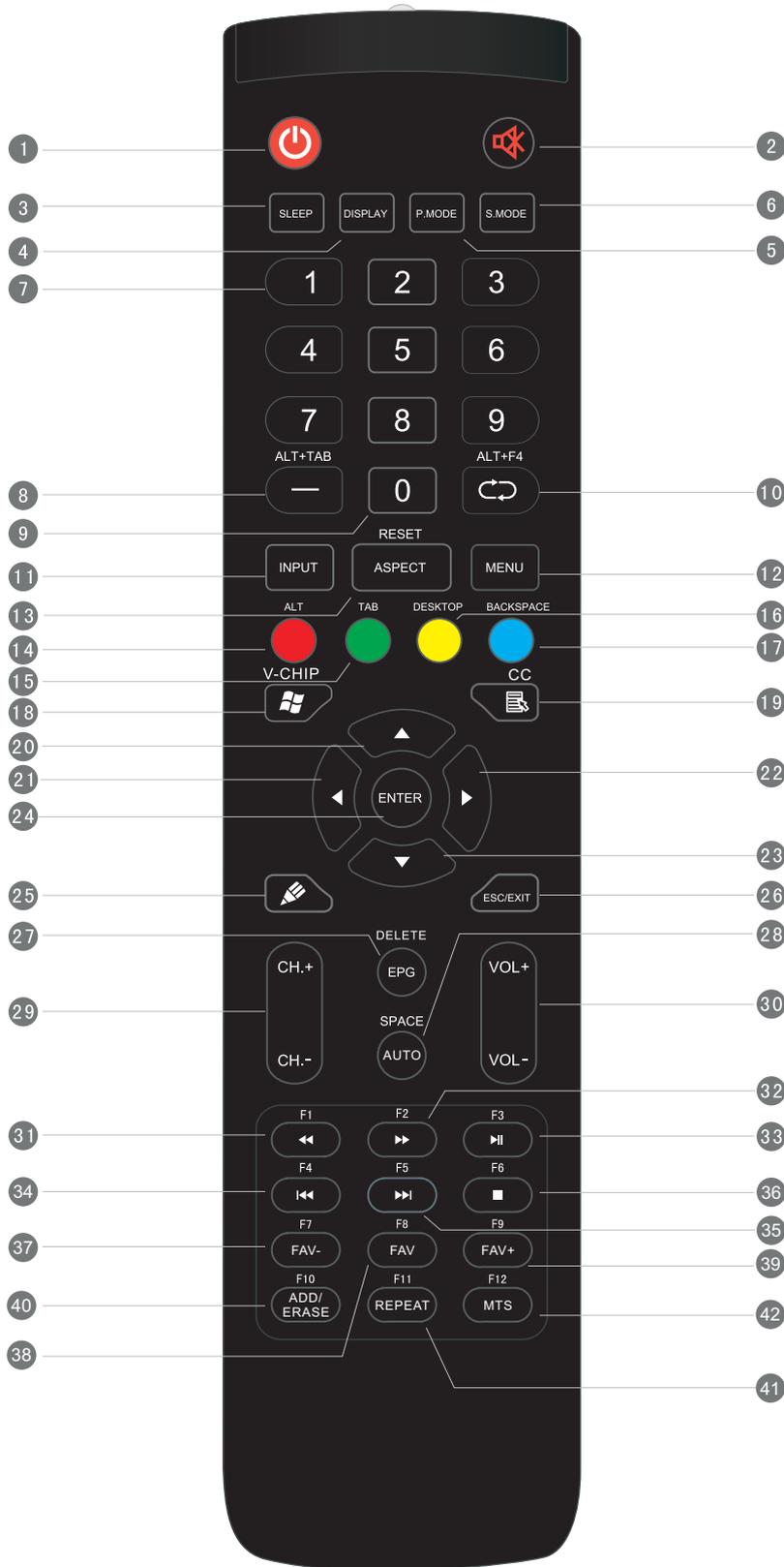
3 Terminal Interface



Item	Function Description
①	Connect the device with Earphone-IN
②	Connect a collect device with microphone
③	Connect USB device, such as Hard Disk, USB keyboard mouse etc.
④	Connect the display with VGA-IN
⑤	Standard net orifice, Connect RJ45 net interface
⑥	TV Motherboard Upgrade Interface
⑦	High Definition Multimedia Interface
⑧	S-VIDEO input (The Audio-IN share with AV)
⑨	Coaxial output
⑩	Connect PC Audio from external sources
⑪	Connect PC Image from external sources
⑫	Y Pb Pr Audio IN
⑬	External PC touch signal input. The default function can be use under the internal PC. You can control the external compute through this unit under the situation that the driving has installed. (the touch function can be available at the PC, VGA and HDMI source)
⑭	Analog audio output
⑮	Component video, Audio-IN
⑯	YPbPr signal input, connect DVD, set -top -box with YPbPr
⑰	Serial interface, Used for data transport
⑱	CATV interface
⑲	AC source input
⑳	Power supply switch, Turn the AC source on and off

NOTE: Do not include interface 1,2,3,4,5 when it without internal PC.

4 Remote control



Remote Control Buttons` Function Description

- 1  : Press to POWER ON/OFF; Extended press 5s to force shutdown.
- 2  : Mute ON/OFF.
- 3 SLEEP : Set the sleep time.
- 4 DISPLAY : Display the information of the current source.
- 5 P.MODE : Picture mode selection.
- 6 S.MODE : Sound Mode selection.
- 7 Numeric button: TV channel numeric input button.
- 8 -, ALT+TAB: TV channel switch button; Internal PC programs window switch button.
- 9 0 : TV numeric input button.
- 10 、ALT+F4: Return to previous channel; Internal PC programs window close button.
- 11 INPUT: Source selected button.
- 12 MENU: Menu display, input source selection.
- 13 RESET+ASPECT: Lengthways press 3 reset touch frames under the PC, HDMI, VGA source; Adjust the picture ratio.
- 14 RED+ALT: TV source button; Internal PC to reset function button.
- 15 GREEN+TAB: TV source button; Internal PC to reset function button.
- 16 YELLOW+DESKTOP: TV source button; Fast switch to internal PC desktop button.
- 17 BLUE+BACKSPACE: TV source button; Internal PC backspace button.
- 18 、V-CHIP: Internal PC Windows button; Quick access to V-CHIP menu.
- 19 、CC: Internal PC menu button; Closed Caption Decoder Function button.
- 20  : Direction button, press to up.
- 21  : Direction button, press to left.
- 22  : Direction button, press to right.
- 23  : Direction button, press to down.
- 24 ENTER: Enter button, press to select status.
- 25  : Startup the writing software;
- 26 ESC/EXIT: ESC/EXIT button, Press to exit current status.
- 27 EPG、DELETE: Digital program guide; Delete button.
- 28 AUTO、SPACE: VGA source auto adjust the picture button; Space button.
- 29 CH. +、CH. -: Channel add and subtract.
- 30 VOL+、VOL-: Volume increase and decrease.

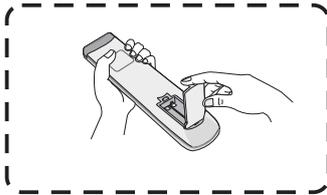
- 31 ◀◀ , F1: Fast reverse; F1 Function button.
- 32 ▶▶ , F2: Fast forward; F2 Function button.
- 33 ▶| , F3: Play/Pause; F3 Function button.
- 34 ◀◀ , F4: Previous; F4 Function button.
- 35 ▶▶ , F5: Next; F5 Function button.
- 36 ■ , F6: Stop; F6 Function button.
- 37 FAV-, F7: Favorite programs subtract; F7 Function button.
- 38 FAV, F8: Favorite programs; F8 Function button.
- 39 FAV+, F9: Favorite programs add; F9 Function button.
- 40 ADD/ERASE, F10: Add and erase favorite programs; F10 Function button.
- 41 REPEAT, F11: Set the repeat mode for media; F11 Function button.
- 42 MTS, F12: MTS button; F12 Function button.

NOTE: All the function relate to computer can not work while it is without internal PC.

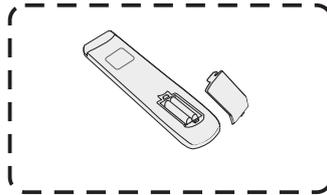
5 Remote Control Instruction

Insert the Batteries

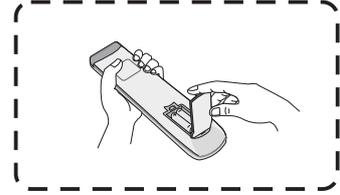
- 1 Remove the cover on the rear of the remote control .
- 2 Insert two “AAA” battery and care to respect the polarities:
+ on the battery against +, - on the battery against - .
Please do not mix the battery
- 3 Replace the cover by aligning the new and old batteries it with the base of the remote control and pressing it back into place.



(1)

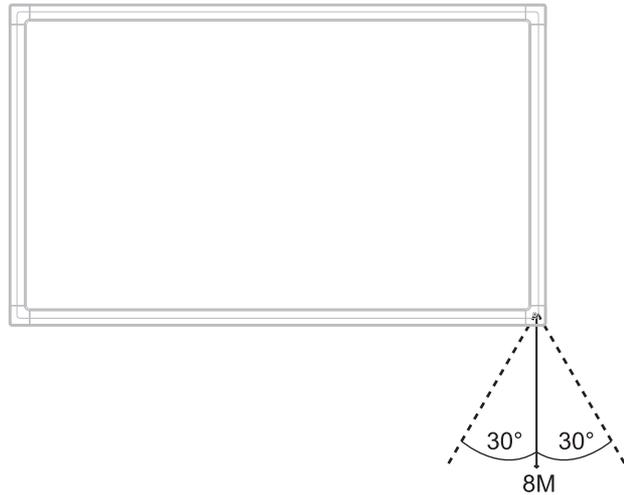


(2)



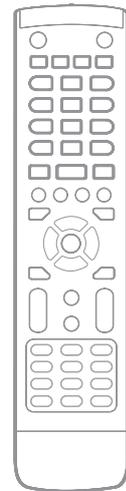
(3)

remote control area



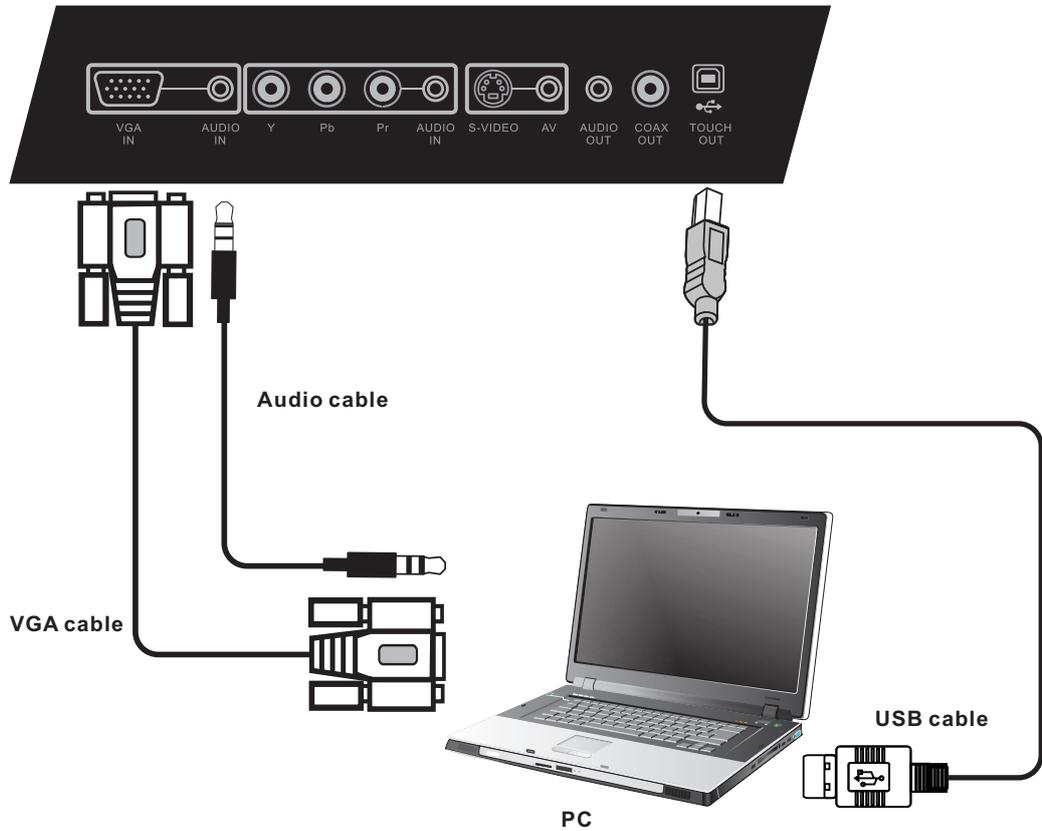
The range of remote control receiver as shown.
Please throw the scrap batteries into the recycle bin
by way of environmental protection.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS



 For the safety of you and your unit, please do not connect any power supply before the external device prepared

1 External Computer and Touch Connecting



- (1) Connect a VGA cable (15pin) between the VGA and external PC.
Connect a earphone cable between the PC and audio at the same time.
- (2) Connect a USB cable between the external PC and USB terminal
- (3) Plug the POWER cord and switch it on from the rear panel.
- (4) Startup the external computer (Setup the touch driver)
- (5) Press  to turn the power on
- (6) Press INPUT switch to PC source



NOTE:

The best resolution of external computer input is 1920*1080
The unit can connect with the external PC via HDMI.

• Suggest Configuration of computer

2.0GBHZ Processor, 1GB Memory

More than 256 color display card

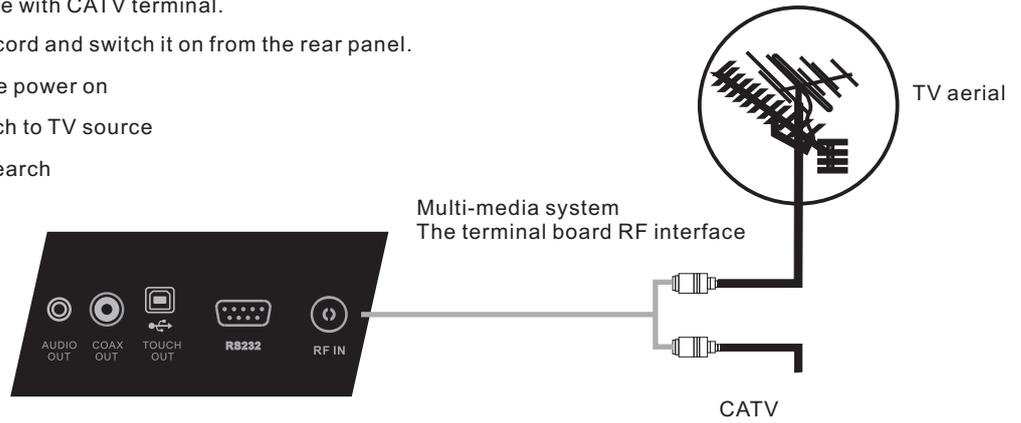
1GB Available Hard Drive

Support Resolution 800*600, 1024*768

VGA-OUT/HDMI-OUT、Audio-OUT、USB Interface

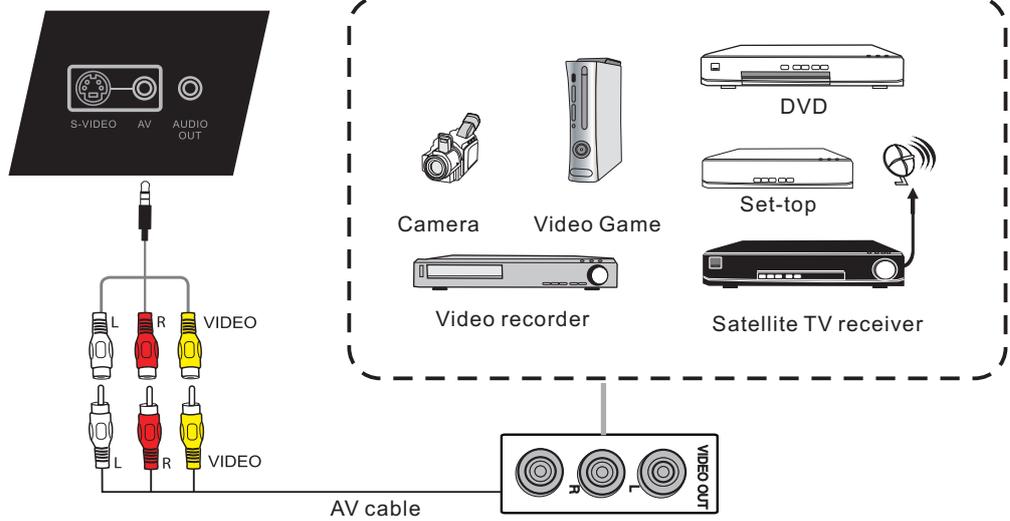
2 TV Aerial

- (1) Connect a RF cable with CATV terminal.
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press  to turn the power on
- (4) Press INPUT switch to TV source
- (5) Press MENU to search



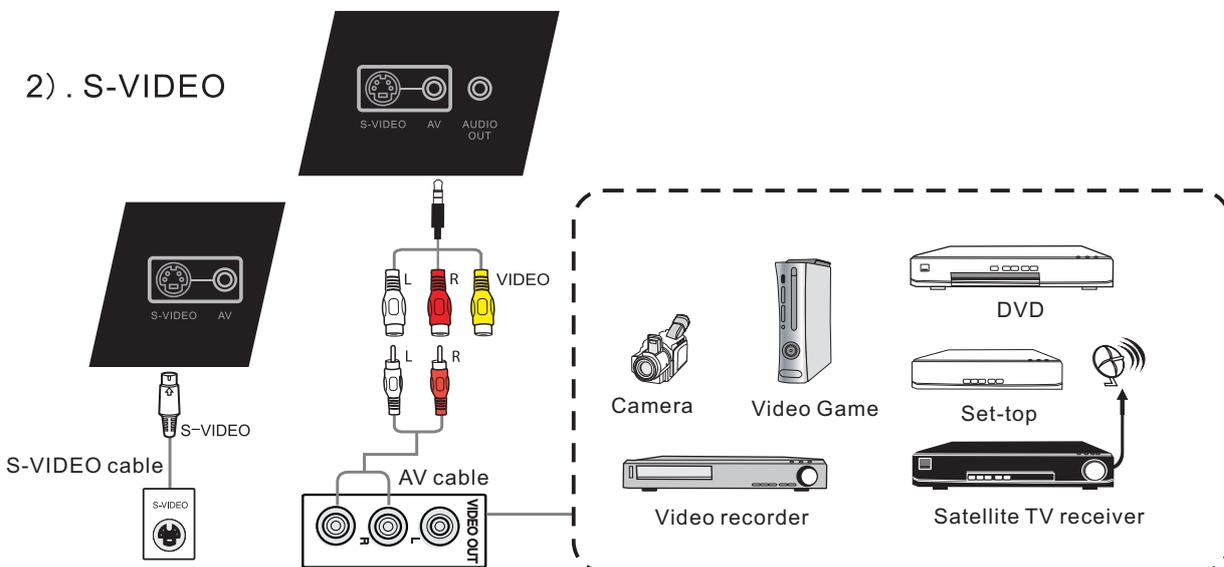
3 A/V Connecting

1) .AV IN



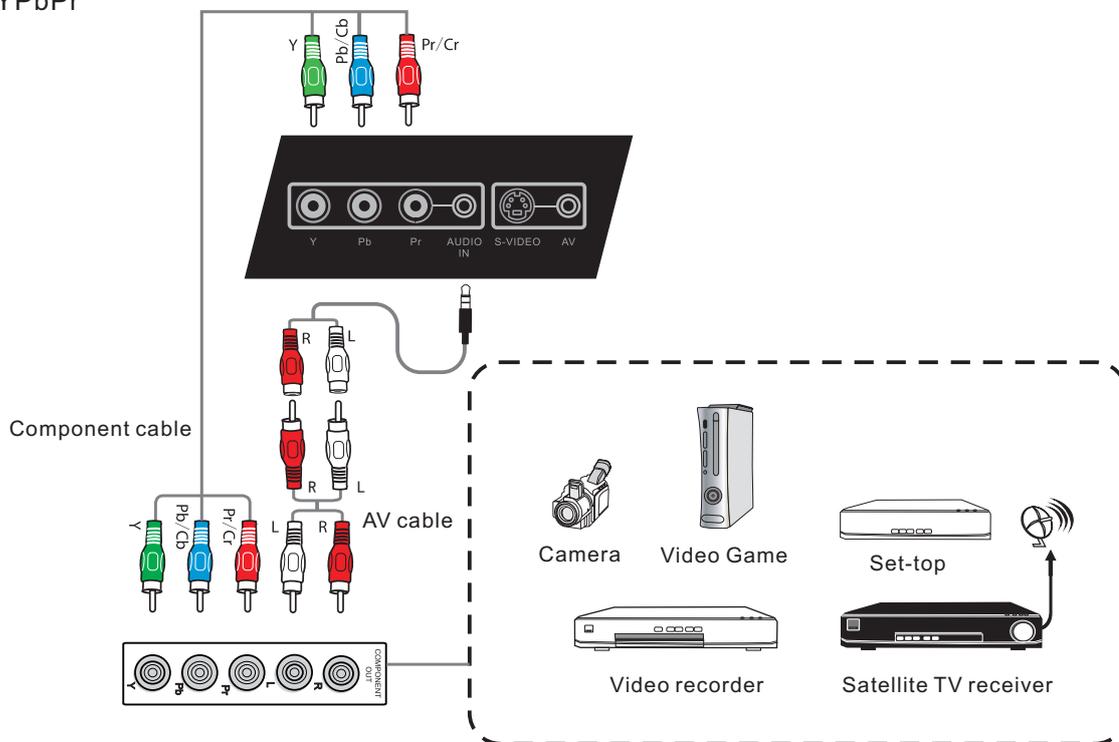
- (1) Connect a AV cable with the device with AV-OUT (Yellow is Video, Red is Audio-R, White is Audio-L).
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press  to turn the power on
- (4) Press INPUT switch to AV source

2) . S-VIDEO



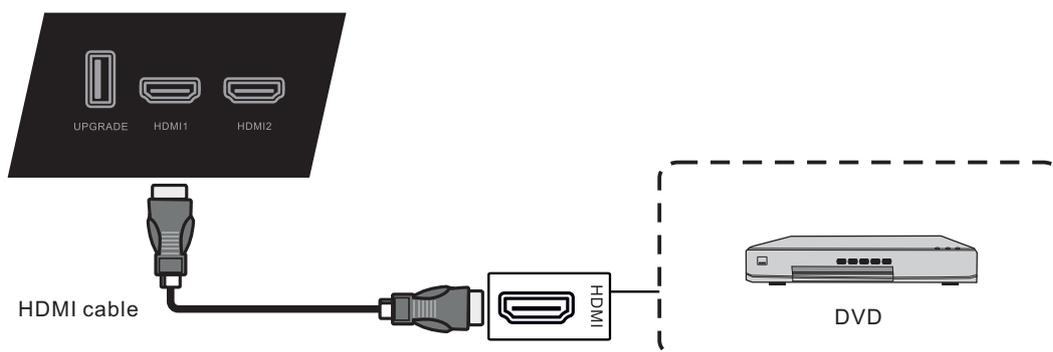
- (1) Connect a S-VIDEO cable with the device with S-VIDEO.
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press $\text{\textcircled{U}}$ to turn the power on
- (4) Press INPUT switch to S-VIDEO source

3) . YPbPr



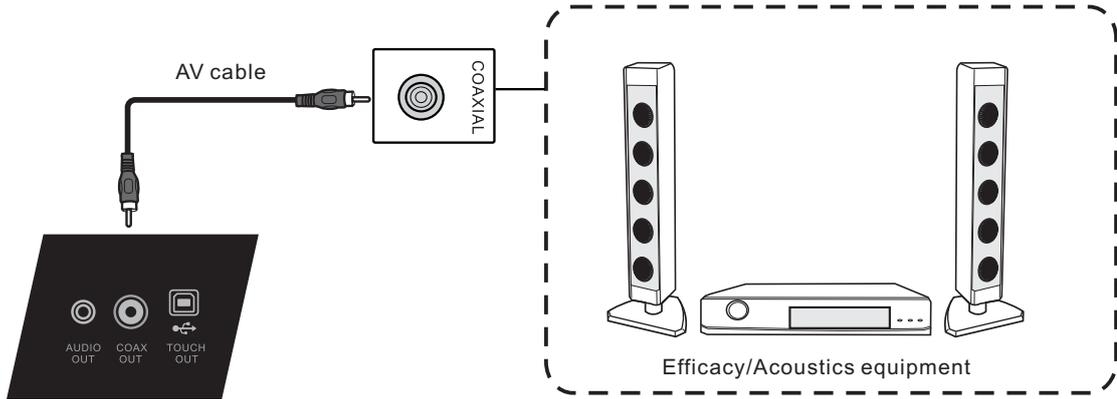
- (1) Connect a YPbPr cable with the device with YPbPr.
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press $\text{\textcircled{U}}$ to turn the power on
- (4) Press INPUT switch to YPbPr source

4) .HDMI1/HDMI2



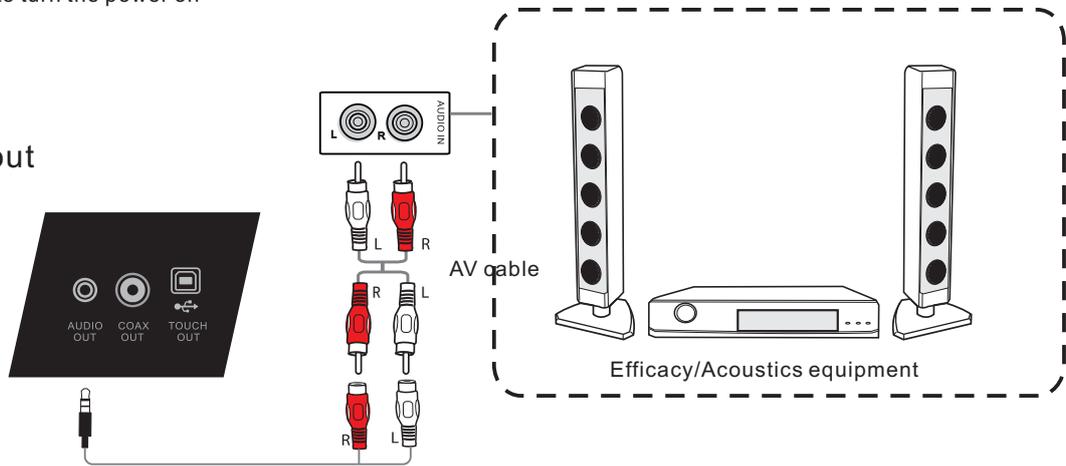
- (1) Connect a HDMI cable with the device with HDMI.
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press $\text{\textcircled{U}}$ to turn the power on
- (4) Press INPUT switch to HDMI source

4 Coaxial Connecting



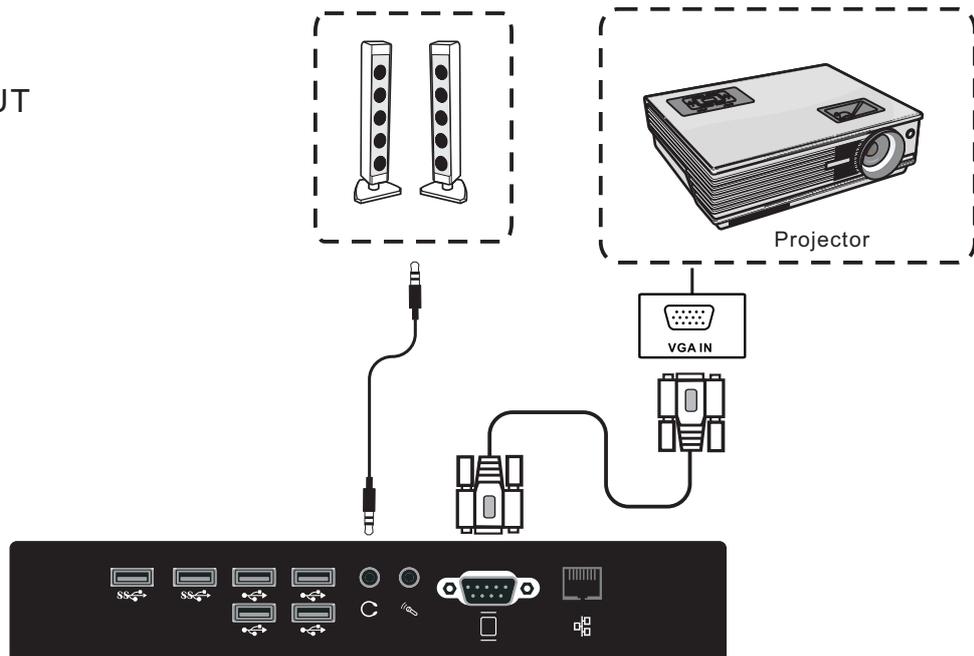
- (1) Connect a Coaxial cable with the device with Coaxial.
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press ϕ to turn the power on

5 Audio out



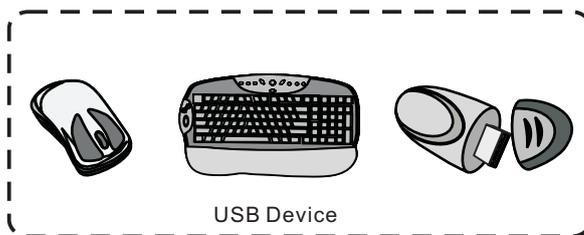
6 Video-OUT

1) VGA-OUT

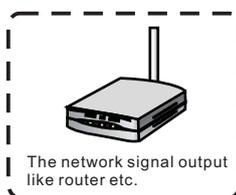


- (1) Connect a VGA cable with the device with VGA, Connect a Earphone cable with the Audio-OUT .
- (2) Plug the POWER cord and switch it on from the rear panel.
- (3) Press  to turn the power on.
- (4) Press INPUT switch to PC source.
- (5) Setup the VGA-OUT or Multi-Screen in the internal computer.

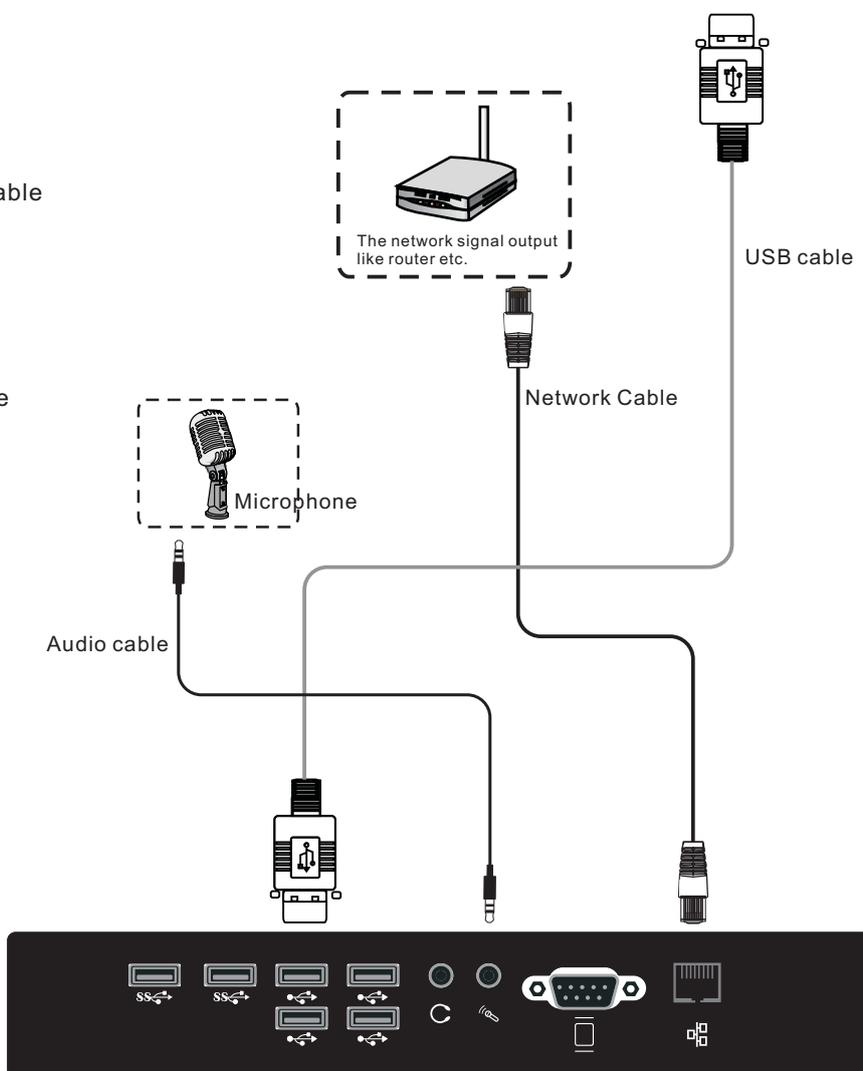
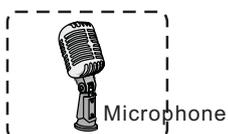
2 USB Device



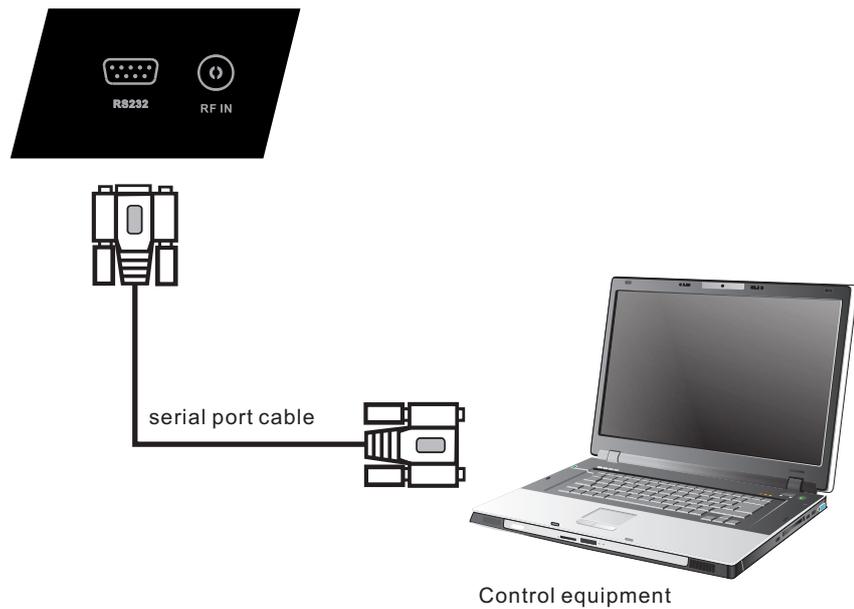
3 Network Cable



4 Microphone



7 RS232 connecting



After connecting the central control system and unit, you can use some of the function such as power on/off or adjust the volume etc.

Internal PC basic operations:

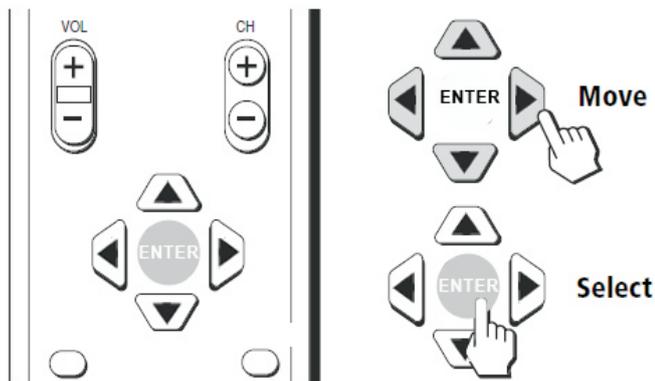
- 1 .Wait about 30 seconds after the machine contact to the electrician, press POWER to turn on the TV and PC together;
- 2 .In the boot state, press the POWER button, wait for 2 to 3 seconds and then press the power button again to turn off the TV and PC together;
- 3 .Turn on the PC source, with a touch to select "WINDOWS" on the lower left corner of the desktop or press the "WINDOWS" button on the remote control, and then select the "off", you can turn off the PC and keep the TV on;
- 4 .Turn on TV, the state of the PC is off, you can open the PC by pressing the INPUT button to switch from other sources beyond the PC to the PC source;

INPUT SOURCE



Press **INPUT** to display the input source list, and press **▼/▲** to select and **ENTER** to confirm.

Using the Remote Control to Display and Navigate the On-Screen Main Menu



- 1 Press **MENU** to display the on-screen menu.
- 2 Use the **◀** or **▶** buttons to highlight the desired menu icon. Press **ENTER** to select it.
- 3 Use the **▲** or **▼** buttons to scroll up and down through the features.
- 4 Follow the instructions on the screen.
- 5 Press **MENU** to exit the menu.

 Press **MENU** once to display the on-screen menu, and press again to return to normal view. If no buttons are pressed, the menu closes automatically after about 15seconds.

To exit the menus

- Press **EXIT** (or **MENU**).

Video



Option	Description
Picture Mode	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust.
	Standard Select for standard picture settings. Recommended for home entertainment.
	Vivid Select for enhanced picture contrast and sharpness.
	Hi-Bright Select for enhanced picture brightness.
	Cinema Optimal picture and sound for watching movies.
	Sport Optimal picture and sound for watching sports.
User Allow you to store your preferred settings.	
Note: Those settings can be adjusted only when the Picture Mode is set to User.	
Brightness	Adjust to brighten or darken the picture. Press ◀ to darken the picture. Press ▶ to brighten the picture.
Contrast	Adjust the white level of the picture. Press ◀ to decrease the contrast. Press ▶ to increase the contrast.
Saturation	Adjust the color purity of the picture. Press ◀ to increase the red tones. Press ▶ to increase the green tones.
Tint	Adjust the hue(Red,Green,Blue) of the picture. Only TV/AV(NTSC) is available. Press ◀ or ▶ button to adjust.
Sharpness	Adjust to sharpen or soften the picture. Press ◀ to soften the picture. Press ▶ to sharpen the picture.

Option	Description
Color Temperature	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust.
	Standard Select to give the white color a neutral tint.
	Warm Select to give the white color a reddish tint.
	Cool Select to give the white color a bluish tint.



Option	Description
Advanced Video	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust.
	DNR You can clear up analog TV signal by reducing the dot noise. This feature is not available in PC or Media source.
	MPEG NR Similar with the Noise Reduction, you can set to reduce the block noise.
	Adaptive Luma Control Automatically adjust picture detail and brightness.
	Film Mode Set the film mode. Press ◀ or ▶ to select (Auto / Off) .
HDMI Mode Set the HDMI mode. Press ◀ or ▶ to select (Auto / Off) . This feature is only available in PC source.	

Audio



Option	Description	
Sound Mode	Standard	Select for standard sound settings.
	Dynamic	Select for enhanced sound bass and treble.
	Soft	Optimal sound for listening soft music.
	User	Allow you to store your preferred settings.
Note: Those settings can be adjusted only when the Sound Mode is set to User.		
Balance	Adjust the level of sound coming from the left and right speakers. Press ◀ to decrease balance. Press ▶ to increase the balance.	
Bass	Adjust the low frequency sounds. Press ◀ to decrease bass. Press ▶ to increase the bass.	
Treble	Adjust the high frequency sounds. Press ◀ to decrease treble. Press ▶ to increase the treble.	
Sound Surround	Off	Set the system of stereophonic sound off.
	On	Set the system of stereophonic sound on.
Digital Audio Output	Send digital audio to external audio system. Only available in DTV/HDMI source. Press ◀ or ▶ to select (RAW / PCM / Off) .	
Auto Volume Control	Automatically adjusts volume to be consistent across programs and channels. Press ◀ or ▶ button to select (On/Off) .	

TV

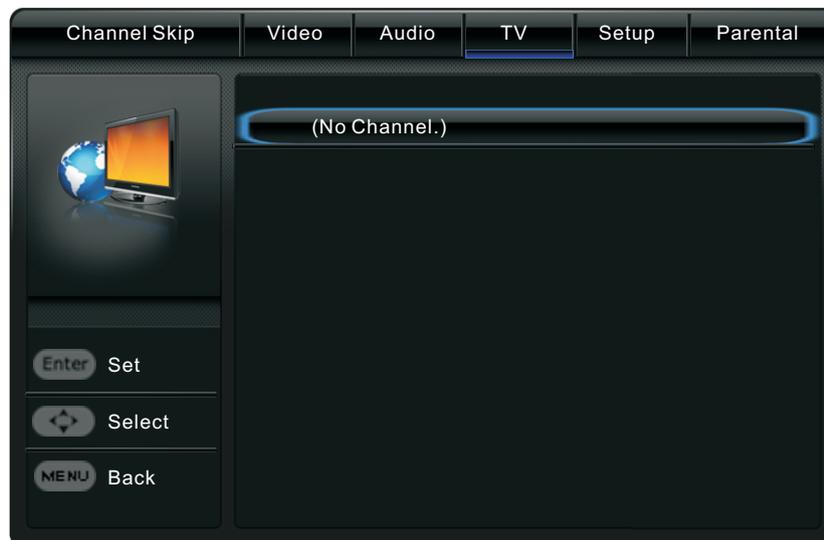


Option	Description
Signal Type	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust.
	<p>Cable Set the signal type to cable. When set to Cable, TV can catch analog and ATSC broadcasting signal.</p> <hr/> <p>Antenna Set the signal type to antenna. When set to Air, TV can catch analog and ATSC broadcasting signal.</p>
Auto Channel Search	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to select it and then you will enter the password interface. Automatically search for channels. Press ENTER to start.
<p>Note: Before execute auto channel search, please confirm your signal type . Wrong setting of Signal Type maybe cause finding no channel. Found numbers do no include encryption programs.</p>	
Channel Skip	Manually add and skip channels in your program list.
Channel Labels	Create labels for channels, up to 11 characters. Press ◀ or ▶ button to select (On/Off).

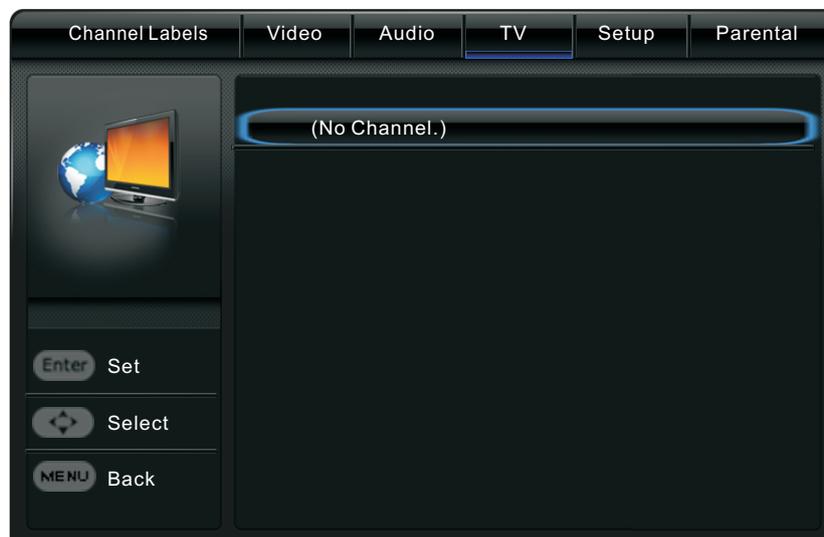
Auto Channel Search



Channel Skip



Channel Labels



Setup



Option	Description
Menu Language	Set the On-Screen-Display language.
MTS	Configures the multi-track sound. It is available only in ATV.
No Signal Power Off	Set the screen to power off when having no signal.
Blue Screen	Set the screen to blue or not when having no signal.
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.
Time Setup	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust. Set Time Zone/Time/Sleep Time/Auto Sleep. For detail please refer to page 22.
Caption	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust. For detail please refer to page 22.
All Reset	Reset all the parameter to factory setting.

Time Setup



Option	Description
Time Zone	Set the time zone. Press ◀ or ▶ to select the time zone.
Time	Set the current date / time . Press ◀ / ▶ / [ENTER] to adjust.
Sleep Timer	Set the sleep time. Press ◀ or ▶ to select the sleep time.
Auto Sleep	Off Set the Auto Sleep off. On Set the Auto Sleep on.

Caption

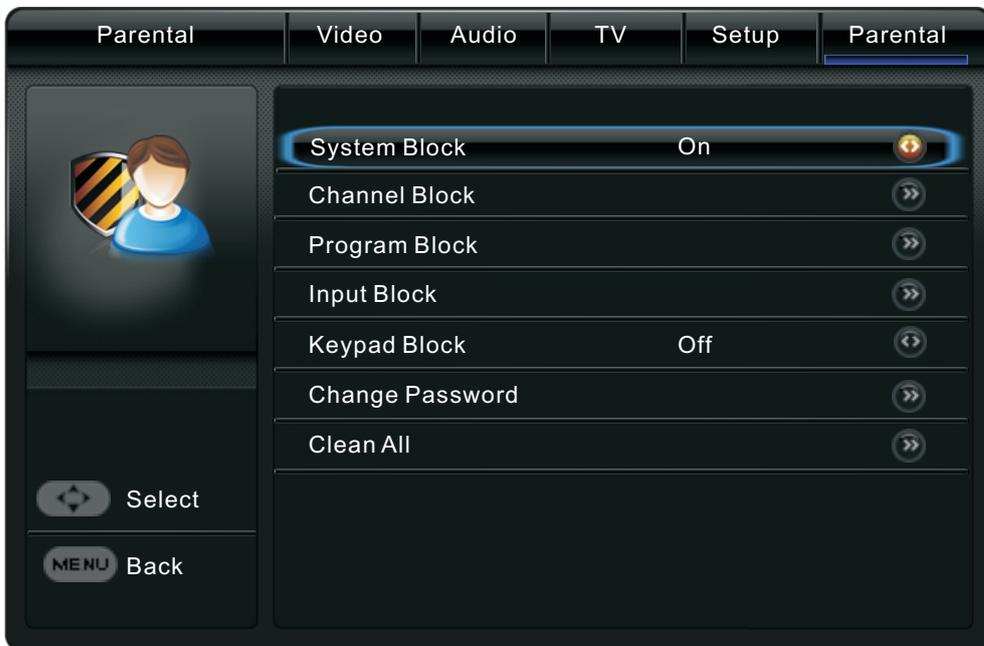


Parental



Option	Description
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Password	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to select it and then you will enter the password interface. After entering the correct password, you will see the submenu as the picture below. The default password is "0000". If you forget what you set, please call the service center.
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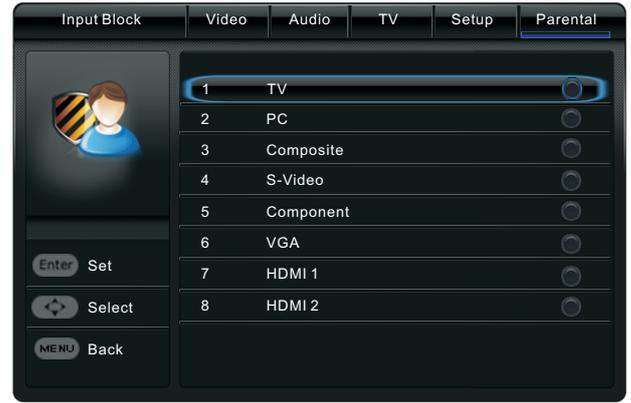


System Lock Set the channel / program block on or off.

Channel Block Set the channel source be locked.

Program Block Set the program source be locked.
For detail please refer to page 25-26.

Input Block Set the input source be locked.



Keypad Block Set the keypad be locked.

Change Password Enter the 4-digital new password and confirm it.

Clear All Set the items in the lock menu to default values.

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

TV Rating

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

Moive Rating

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.

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.

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

English Rating

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

Rating	Defined as
E	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

French Rating

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

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

VGA



Option	Description
Auto Adjust	Use the ▼ or ▲ buttons to highlight one of the following options, then press [ENTER] to enter the sub-menu and press ◀ or ▶ to adjust. Select to automatically adjust the display position and phase of the picture when the TV receives an input signal from the connected PC. Note that Auto Adjust may not work well with certain input signals. In such cases, manually adjust the options below.
H.Position	Allows you to move the position of the picture left and right.
V.Position	Allows you to move the position of the picture up and down.
Phase	Adjust to fine tune overall sharpness.
Clock	Adjust the low frequency sounds.

Troubleshooting

Installation

Remote control out of order	<ol style="list-style-type: none"> 1. Check whether there is object between remote control and TV receiver. 2. Check whether the batteries polarities in remote control is right. 3. Check whether the batteries are drained.
The unit shuts down automatically	<ol style="list-style-type: none"> 1. Sleeping mode setting. 2. Check whether there is a sudden power failure. 3. Check for signal to system and control.

Connecting and Setting

PC mode

Out of signal	<ol style="list-style-type: none"> 1. Check display setting. 2. Check the resolution. 3. Adjust the Hs & Vs (synchronization) in the menu.
Background streaking	<ol style="list-style-type: none"> 1. Choose auto adjust. 2. Adjust clock and phase.
False color	<ol style="list-style-type: none"> 1. Check the VGA. 2. Adjust chroma, brightness and contrast.
Unsupport format	<ol style="list-style-type: none"> 1. Choose auto adjust. 2. Adjust clock and phase.

Menu Operation

Touch Function

Touch function void	<ol style="list-style-type: none"> 1. Check driver are installed correctly. 2. Reinstall driver.
Not allow to touch	<ol style="list-style-type: none"> 1. Check setup and align it. 2. Reinstall driver. 3. Check whether the touch pen is working properly.

Troubleshooting

Video not working properly

No picture/No sound	<ol style="list-style-type: none"> 1. Check POWER status. 2. Check the signal cable. 3. Check the internal PC.
Picture trembles	<ol style="list-style-type: none"> 1. Check the signal cable. 2. Check for other electronics interrupting signal .
Poor picture	<ol style="list-style-type: none"> 1. Adjust chroma, brightness and contrast in the menu. 2. Check the signal cable.

Care and Maintenance

Audio not working properly

No sound	<ol style="list-style-type: none"> 1. Check the mute key. 2. Adjust volume. 3. Check the audio cable.
One speaker	<ol style="list-style-type: none"> 1. Adjust sound balance in the menu. 2. Check the setting in sound control panel of computer. 3. Check the audio cable.
VGA-OUT silence	<ol style="list-style-type: none"> 1. Check for proper earphone connection.

Display Mode

Care and Maintenance

With proper care, your unit will give you many years of service. Please follow these guidelines to get the maximum performance from your unit.

Cleaning

Unplug the unit from the wall outlet before cleaning or polishing it.

Do not use liquid cleaners or aerosol cleaners.

Use a cloth lightly dampened with water for cleaning the exterior of the unit.

Repeat several times, Do not handle liquids near or on the unit.



Don't use machine for a long time

Don't use system for long periods of time, please unplug unit when not in use, To prevent system failures and power supply surges use power surge protector.

Display mode

1.YPbPr Mode

Resolution / Display mode	Vertical frequency (Hz)
480P	60
480i	
576P	50
576i	
720P	50
	60
1080i	50
	60
1080P	50
	60

2.VGA Mode

Resolution / Display mode	Vertical frequency (Hz)
640*480	60
800*600	
1024*768	60
1280*800	
1920*1080	50
	60

HDMI / PC Mode

Resolution / Display mode	Vertical frequency (Hz)
480P	60
480i	
576P	50
576i	
720P	50
	60
1080i	50
	60
1080P	50
	60