

Operation Manual

Waterproof LCD TV



ASV1743 B



ASV1743 S

 AquaSound

Catalogue

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I. Specification

Model	ASV1743 B / ASV1743 S
Screen size	17"
Aspect ratio	16:9
Screen brightness	385cd/ m ²
Features	<ul style="list-style-type: none"> -No X ray radiation, compliant with environmental needs -Waterproof grade meet IPX6 (Dust-tight and protected from moisture challenges up to powerful water jet) -Wall-mounted or on bathtub or kitchen fixed -Induction type touch control on main set with alluminous key -Full function remote control, receiving all additional channels, automatic voltage-test -Multi-language OSD menu (Chinese, English, French language, Italian language, Spanish, etc.) -Up to 256 channels, multi audio and video TV system -AV/TV function, soft and clear image with high-resolution -Front panel Lock function(free from reacting to water jet and children touch)
Contrast ratio:	400:1
Pixel H x V:	1440*900
Response time:	16ms
Speaker (built-in)	5W*2
AV input	AV*1 TV*1
TV system:	<ul style="list-style-type: none"> <li style="width: 50%;">* PAL-BG, DK, I <li style="width: 50%;">* NTSC-M <li style="width: 50%;">* SECAM-BG, DK <li style="width: 50%;">* SECAM-L, LL
Waterproof grade:	IPX6
Power consumption	DC12V/35W
Dimension: (mm)	472*315*65

*Specifications are subject to change without notice.

II. Safety Guide

General Cautions:

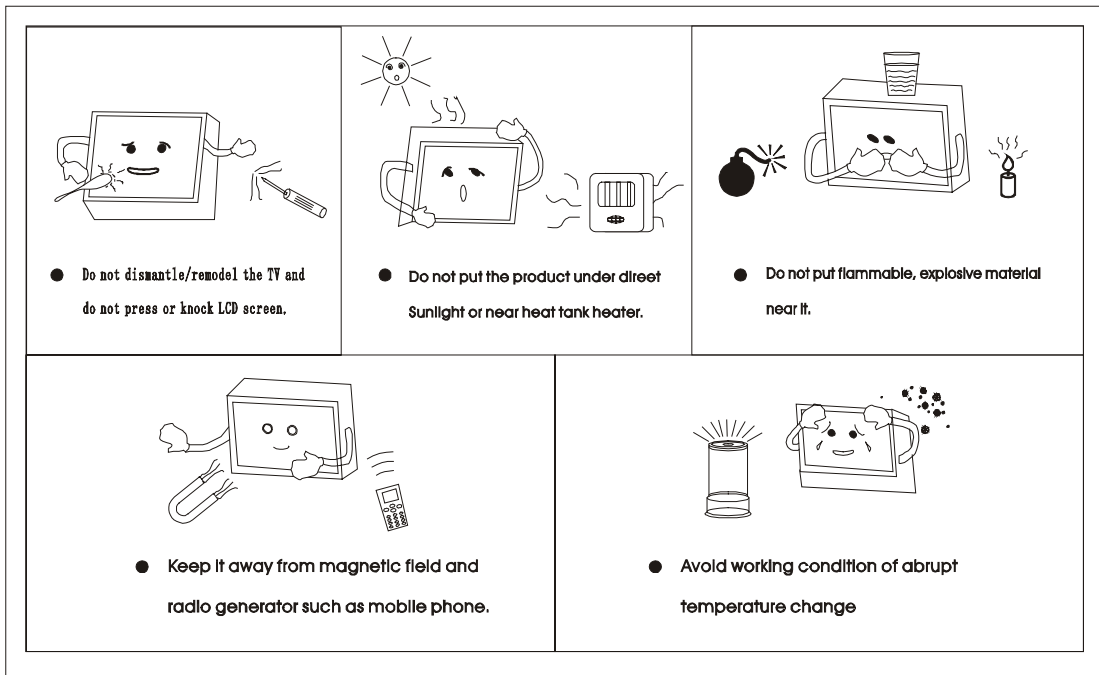
- Designation and production of this LCD TV series meet international safety standard. User should read manual carefully before using the product, and follow instructions of the manual to ensure correct usage.
- Any of the following cases happen; user should stop using the product:
Smoking, burning smell, no image, no sound, big sound, damage of outer housing, liquor or objects entering into product, or other irregular condition that might cause fire or electronic shock. Once any above case happens, please cut power immediately, then pull out plug from socket. After confirmation of no smoking or no peculiar smell, please contact seller. Do not try to fix it by yourself, otherwise, it is dangerous.
- Please use power source supplied by us. Wrong power source might cause fire or get electrocuted. Check TV power source to make sure it is in compliant with local power supply.
- Alternative current socket and wire can not be over-loaded; otherwise, it will cause fire or get electrocuted. Avoid objects pressing and tangling power wire.
- Do not put this TV upside-down or side-up, which may cause dis-function of the TV.
- Unplug power socket before clearing the product. Using soft cloth dipped with neutral detergent. Do not use coarse or abrasive detergent to clear the product.
- Unplug power source instead of switching off product only with remote control, when under thunder or when you may not use the product for a long time.
- Keep good ventilation around the product and do not jam or cover ventilation hole. Do not place the product on sofa, carpet, or other similar objects. Bad ventilation causes product over-heated and shortens service life.
- Connection all wires and sockets under the condition of power turn-off.
- Intervals between turning on / off should not less than 3 seconds.
- The product has state memory, i.e, it can keep former state at sudden power-off. (If former state is working condition, it will keep its working condition.)
- As it is heavy, so be careful with product transport. Try using original package to move the product. Do not turn over TV to move it. That might cause damage screen panel, or fluorescent light.

Cautions On Installation:

For safety, please use devices and follow instructions provided by manufacturer for installation.

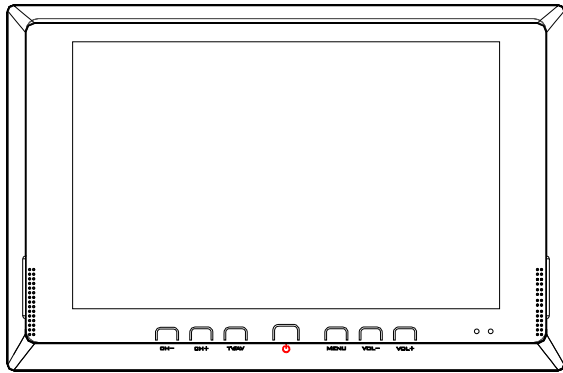
Don't apply excessive force on forward part or top to avoid turn-over of the product.

Cautions On Operations

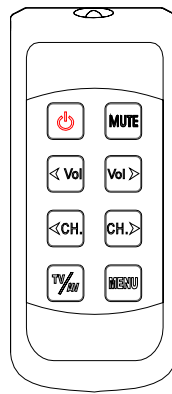


1. Do not dismantle/remodel the TV and do not press or knock LCD screen.
2. Do not put the product under direct sunlight or near heat tank, heater.
3. Do not put flammable, explosive material near it.
4. Keep it away from magnetic field and radio generator such as mobile phone.
5. Avoid working condition of abrupt temperature change.

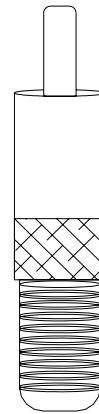
III List of Package: please find following parts in the package.



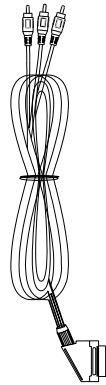
TV set



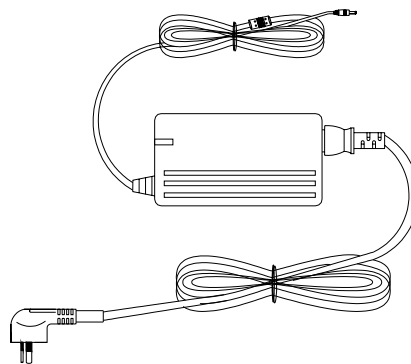
Remote controller PALmale to F female



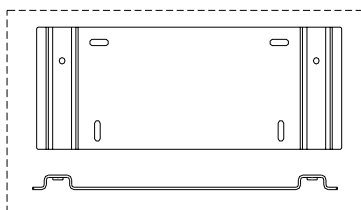
AV wire



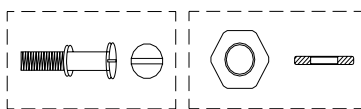
SCART plug to 3RCA plug



Power adaptor



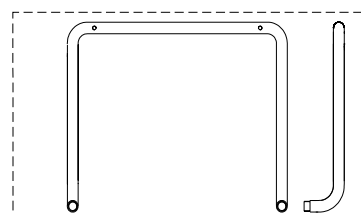
Wall Mount Plate



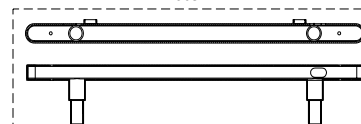
Bolt

Nut

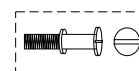
Plate for bath room (wall-mounting)



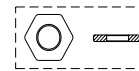
Tube



Main Frame



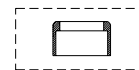
Bolt



Nut



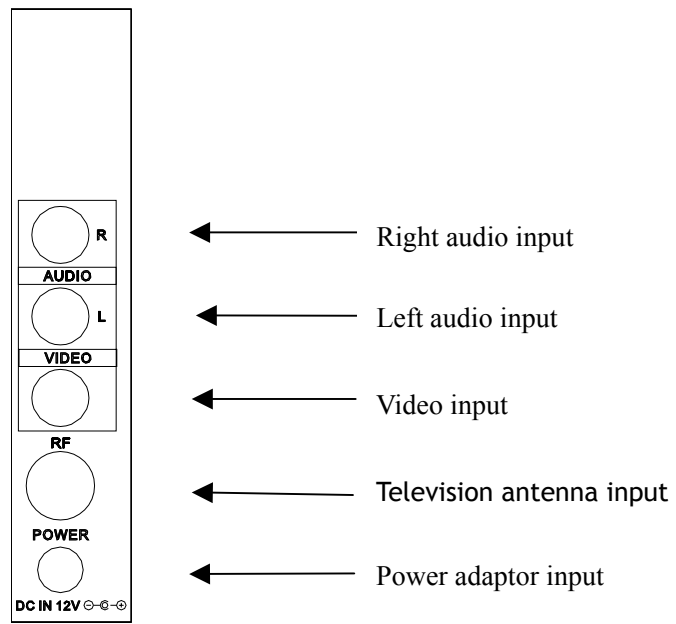
Base



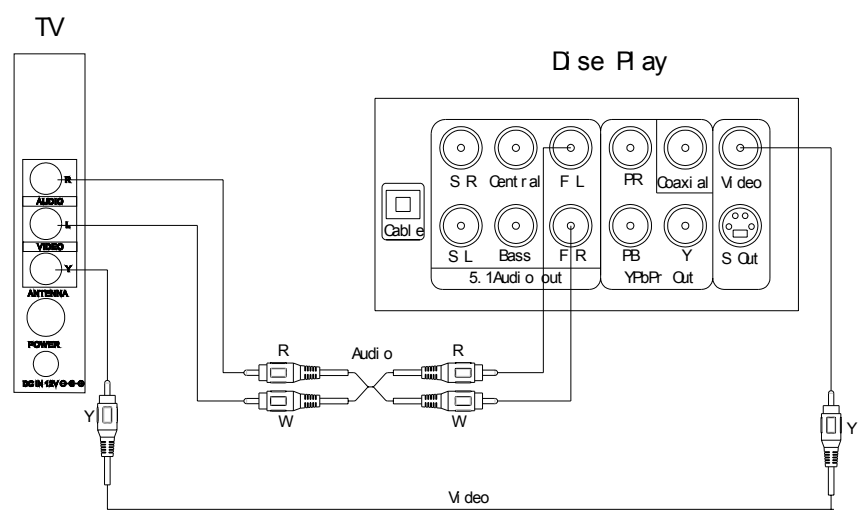
Main Frame Nut

Stainless tube for bath tub (tub fixed)

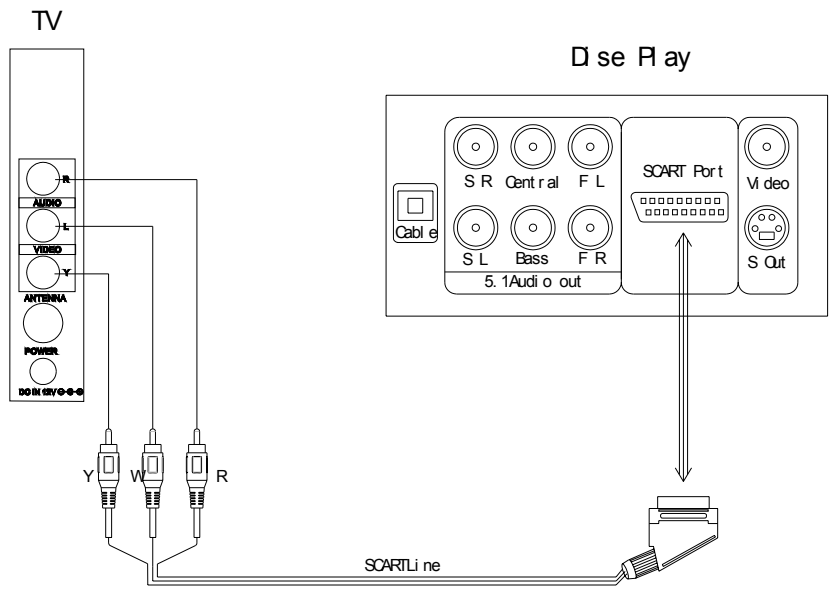
IV. Connections



Side function interfaces



AV Connection Chart



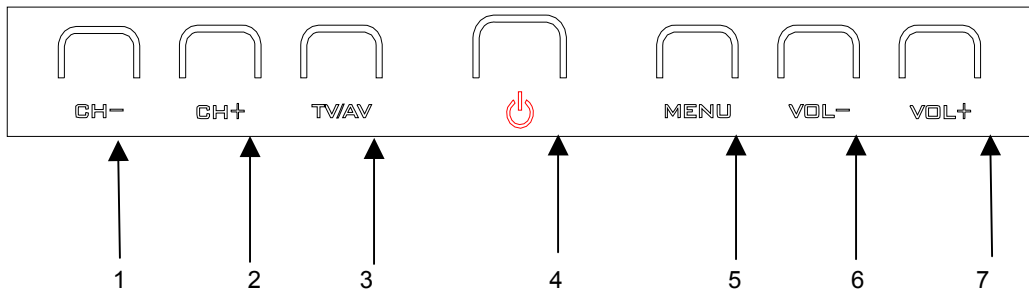
SCART Connection Chart

Connection of TV signal:

Input impedance of the product is 75Ω , a 75Ω coaxial cable connected with VHF/UHF antenna can connect to antenna input socket directly. If for a 300Ω flat feed wire, it should be connected through a $300\Omega/75\Omega$ converter and then to antenna socket

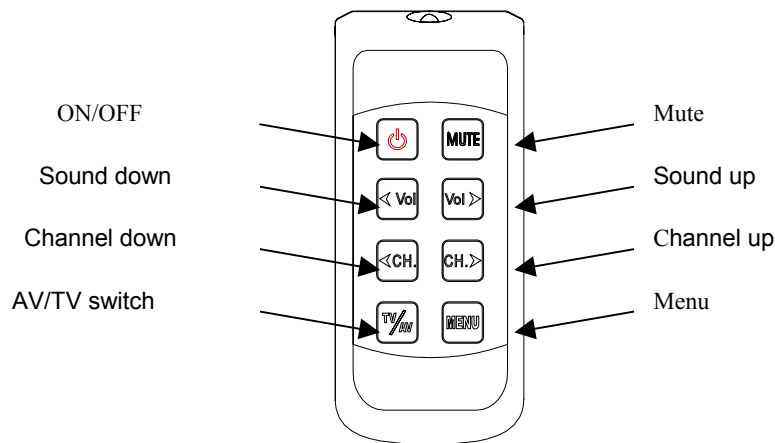
V. Panel Key Functions

5. 1 Panel Keys



- 1 Channel down 2 Channel up 3 AV/TV Switch
4 DC power ON/OFF 5 Main Menu 6 Sound down 7 Sound up

5. 2 Remote Controller Keys



Effective range of remote controller:

- Angle about 30 degree from center
- About 8 meters from front TV

Cautions using remote controller:

1. Keep remote controller transmitter head from direct sunlight to avoid fault.
2. To ensure good waterproof function, battery is pre-installed before shipment.
3. When battery is low, please change it in time, otherwise it will affect sensitivity.
4. Use right battery and install in right polarity. After installed battery, inject the battery cover with glue water.
5. Dispose battery properly under local law and regulation.
6. Do not throw remote controller or put heavy object on it, do not dip remote controller in water for long time.


VI. Operation Instruction

Note: In this paragraph, operation for TV panel is “Touch”, and operation for remote controller is “Press”



Confirm right connection and power light is on. Set on TV power source, to light up the backlight of keys, which are clearly shown on the screen panel, so further operations are possible.

You may achieve all control through touching on TV front panel or by pressing remote controller. Remote Controller has one, i.e., “mute” key, more than TV panel.

6.1 ON/OFF Key

When power source connection is right, press this button “” to turn on or off TV.

6.2 “MUTE” Key

Press the key to eliminate sound output, while icon  keeps flashing on upper right corner of screen. Press the button again, sound resumes to original condition with the icon “” on upper right screen, which disappears within 3 seconds. In mute condition, press “VOL-”, volume resumes original and decreases; press “VOL+”, volume resumes original and increases.

6.3 “VOL-” Volume down key

Press the button to decrease sound volume to minimum.

The screen displays volume icon and percentage change under operation.



6.4 “VOL+” Volume up key

The screen displays volume icon and percentage change under operation.



6.5 “CH-” Channel down key

Press the button to chase down TV channel.

6.6 “CH+” Channel up key

Press the button to chase up TV channel.

6.7 “TV/AV” Switch.

Press the button to convert between TV, AV signal.

6.8 “MENU” Menu key

There are six language for screen menu, in TV mode, through combined operation to “MENU”, “VOL-” and “VOL+”, you may do basic setting to the product.

Press “MENU” once to enter into main menu, in the condition, select any function key to adjust it, you may set the function with “VOL-” and “VOL+” key. Highlighted strip means it

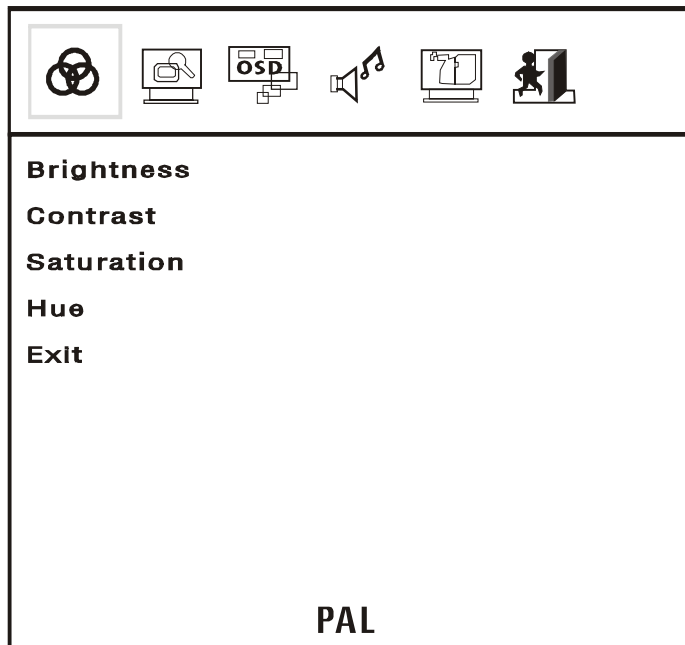
is selected. Press “MENU” to select the function for adjustment. As same as above stated, you can enter into every sub-menu to adjust the function. “MENU” means confirmation, through “VOL-” and “VOL+” to adjust it.

“MENU” has another function: press this button for 5 seconds to lock all keys on panel. Once locked, indication light twinkles every 2 seconds. Press “MENU” button for another 5 seconds, indication light twinkles every 0.5 seconds indicating that the lock has been lifted and now you may operate through touching TV front panel.

In the state of sub-menu, select “Exit” to quit to upper menu, or you may exit to Non-menu state through “CH-” and “CH+” button.

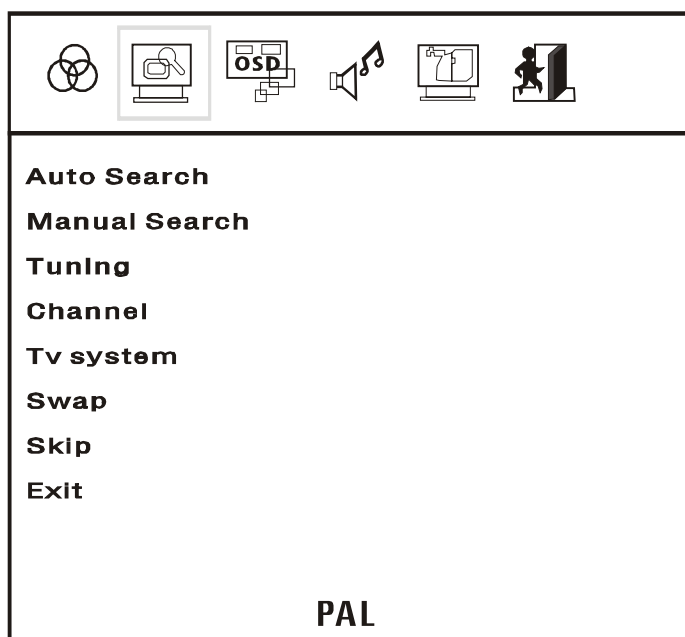
Detailed instructions are as follows:

6.8.1 Picture Menu



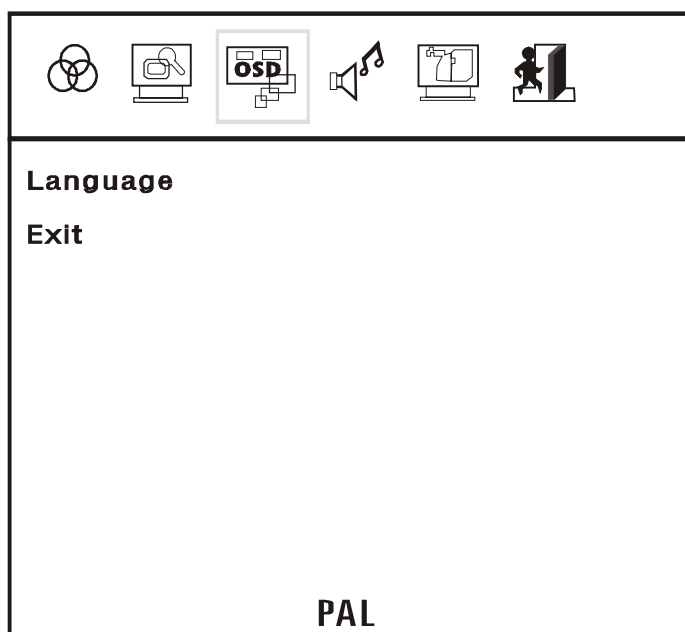
Enter into sub-menu, through “VOL-” and “VOL+” to select a function for adjustment or exit, press “MENU” to confirm. Through above combined operation, you can adjust brightness, contrast, saturation, Hue. Press “MENU” to confirm the setting, and then set other function or exit.

6.8.2 Pre-set Menu



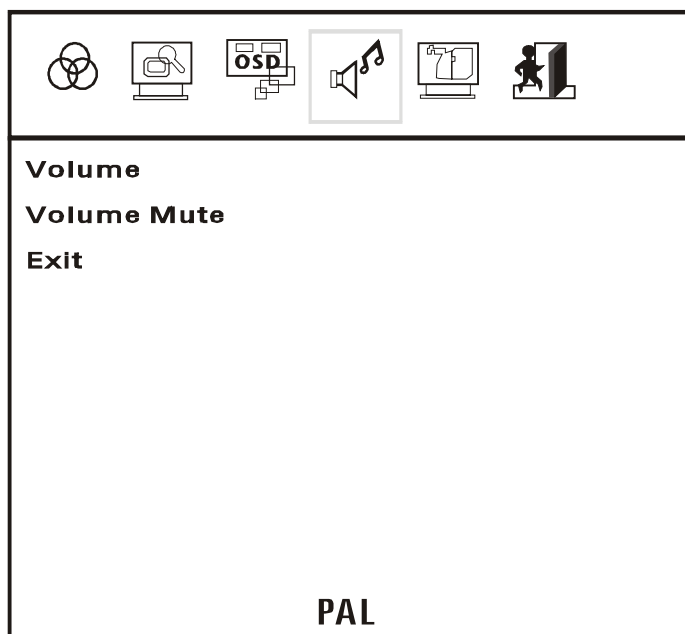
After entered into pre-set menu, through “VOL-” and “VOL+” to select a function for adjustment or exit, press “MENU” to confirm. Through above combined operation, can set “auto search” “Manual search” “Tuning”, “Channel”, “TV system”, “channel switch” and “Skip”. Press “MENU” to confirm the setting, and then set other function or exit.

6.8.3 Language Selection



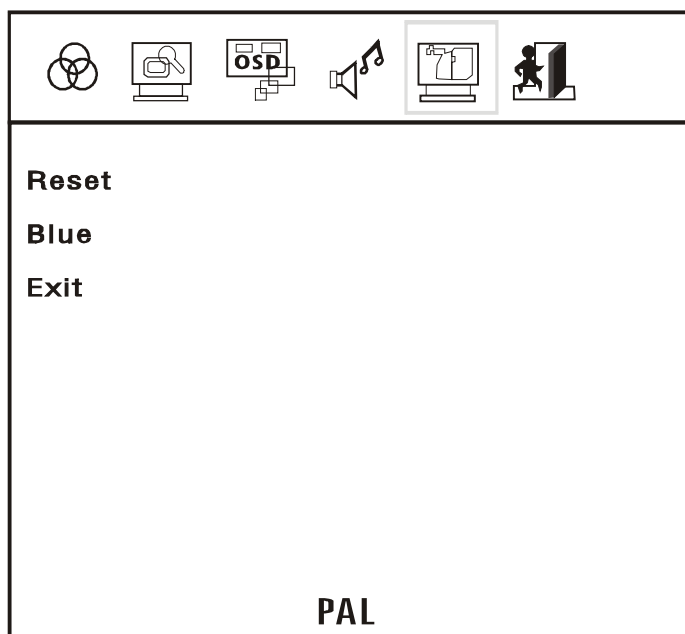
After enter into language sub-menu, through “VOL-” and “VOL+” to select a function for adjustment or exit, press “MENU” to confirm. Through above combined operation, can select your mother tongue. Press “MENU” to confirm the setting, and then set other function or exit.

6. 8. 4 Sound Menu



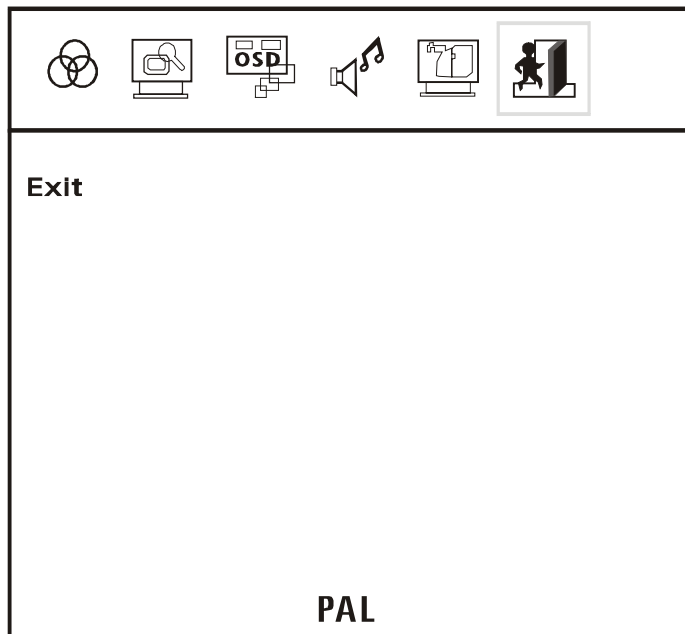
The menu can realize canceling sound output or resume to original sound volume. Operation is same as above, its function is same with “mute” button.

6. 8. 5 Reset Menu



When in reset menu, through “VOL-” and “VOL+” to select “reset”, “blue screen” or “exit” ,press “MENU” to confirm/adjust setting, then can choose exit.

6. 8. 6 Exit from menu



This menu is selected to back out main menu, by pressing “menu” and confirm exit.

VII. Trouble-shooting

Before applying for repair, please read below sheet to see if it can be worked out by yourself. If you need help, contact distributors or after-sales service center.

Troubles	Trouble-shooting
No power source, indicator light off	Check if power source plug is in socket, or loose out of socket. After plug off, wait for 15 seconds before plug again.
" No signal" appear on screen	Check connection between AV and the signal.
Too bright or too dim	Refer to "Picture menu" to adjust "brightness"□"contrast"
Image with mosaic or noise	Check TV signal cord connection and signal .
Image with interference or noise	It might be caused by home appliance, car, motorcycle, fluorescent light and cell phone, etc.
Normal image but no sound	Check if mute function is on. Check connection between Audio input port on TV side and Audio output pot in peripheral equipment.
Image is normal but with noise	Check sound system selection.
monochrome picture with normal sound	Check color system selection referring to "image adjust".
monochrome picture with noise	Bad input signal, try fine-tuning.

Notice:

About screen flaw

Production of TFT screen adopts high technology, even so, screen may have dead point. It does not mean trouble.

About remnant image

It happens that remnant image exists after a short display of a still picture. The remaining image will be disappeared within several minutes and resume to normal condition. If it works in high temperature, the remaining image might disappear after dozens of minutes. The above condition is not fault.

About screen

LCD screen display image through internal light up of fluorescent material. Therefore, temperature of LCD surface might rise. Although the product adopts additional anti-pressure glass screen, please still not to press screen with finger or palm. Otherwise, it might damage liquid crystal or break glass.

About Usage under low temperature

When use under low temperature, reaction of LCD screen might slow down. In some cases, the feature might cause image remaining, it is not fault. Once back to normal temperature, it will resume.



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