Manuals+ — User Manuals Simplified.

AOC V22T 24 Inch Class LCD TV User Manual

Contents

AOC V22T 24 Inch Class LCD TV

Thank you very much for choosing the LCD TV. We suggest that you spend several minutes reading carefully this manual before you install and turn on the TV.

Note:
Since this product is being continuously improved, changes may be made to this manual without notice.

- In case of a discrepancy between the graphics attached herein and the ones shown on the physical screen, the latter shall prevail.

IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

1. Read these instructions
2. Keep these instructions
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the monitor near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or in a wet basement. In case the unit accidentally becomes wet, pull out the power plug immediately and then contact the authorized dealer.
6. Clean only with a dry cloth. Cut off the power before cleaning the TV.
7. Do not touch, press, scrub, or knock the screen with any hard object, as the screen may be scratched or you could cause permanent damage.
8. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

10. Always use a P/N type grounding plug. The P/N type plug has two pins (a wider one and a narrower one), while the grounding type plug has two pins and a third grounding pin. Both the wider pin and the third pin are for safety purposes. When the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.

11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

12. Only use attachments/accessories specified by the manufacturer.

13. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

14. The TV should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.

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

16. Refer all servicing to qualified service personnel. Servicing is required when
    the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

17. This product may contain lead or mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries **Alliance:** at **www.eiae.org**.

18. Damage Requiring Service – The appliance should be serviced by qualified service personnel when:
    - The power supply cord or the plug has been damaged; or
    - Objects have fallen, liquid has been spilled into the appliance; or
    - The appliance has been exposed to rain; or
    - The appliance does not appear to operate normally or exhibit a marked change in performance; or
    - The appliance has been dropped, or the enclosure damaged.

19. **Tilt/Stability** – All televisions must comply with recommended international global safety standards for tilt and stability properties of their cabinet design.
    - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet, which could ultimately overturn the product.
    - Also, do not endanger yourself, or your children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.

20. Power Lines – An outdoor antenna should be located away from power lines.

21. Outdoor Antenna Grounding – If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Cord, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mats and supporting structure grounding of the lead-in wire to an antenna-discharge unit, size of grounding connectors, location of the antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure below.
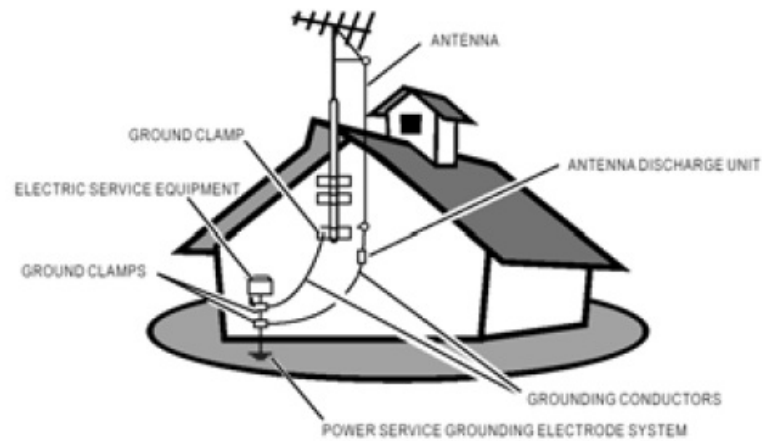
- EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE
- Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

22. Objects and Liquid Entry – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

23. This is Class I equipment, which must be connected to the power grid using a plug with protective grounding.

Connection and preparation of TV set

Packing Contents

|		
AOC V24t / V22t	Stand	Base + Screws
Adapter	Power Cord	Signal Cable
Warranty card	CD Manual	Quick Set Up Guide
Remote Control	Batteries	Duster Cloth

Attaching the Base

Take the TV set and the base out of the carton and assemble them with the screws in the accessory box as shown in the following picture:

1. Place the TV set on a piece of soft cloth or cushion on the desk with the front side facing down. Tighten the screws on the base to attach the pin base and the bracket.
2. Insert the base into the hole in the bottom of the TV set.
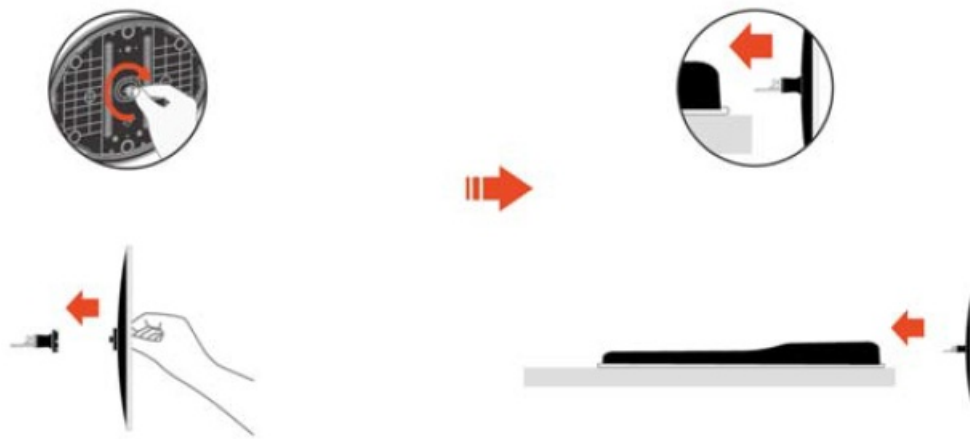
Removing the base

Insert the tip of a screwdriver into the bracket fixing hole and firmly press down and remove the base at the same time.
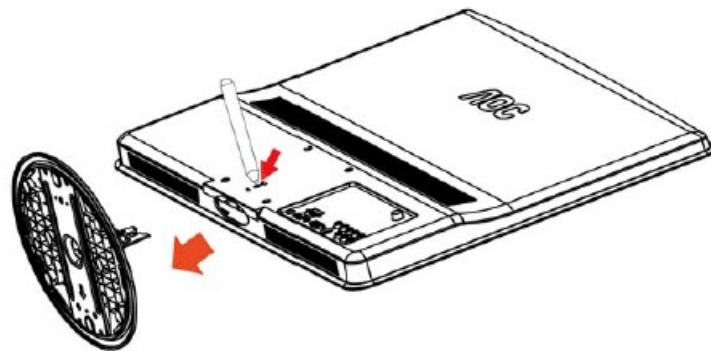
Place the TV on a solid surface

1. Ensure that the TV is placed in a position to allow free flow of air. Do not cover the ventilation openings on the back cover.
2. Leave at least 15cm around the TV set. Otherwise, air circulation may be inadequate and cause overheating, which may cause a fire or damage to the TV set.
3. Never place the TV set in hot, oily humid, or excessively dusty places.
4. To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed on or in the vicinity.
5. Avoid heat, direct sunlight, and exposure to rain or water. The equipment shall not be exposed to dripping or splashing.
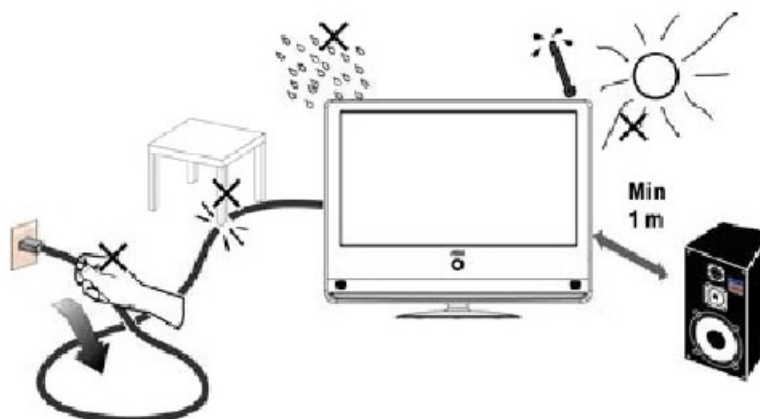
Mounting the TV set to a wall

- This unit conforms to VESA standards for wall mounting. Please refer to the specification page for the wall hanging dimensions.
- In case of wall mounting, use the OEM wall hanging bracket and have specialized personnel carry out mounting in order to ensure your safety and to prevent damage to the TV set.
- To hang the TV set on the wall, all connecting wires must be inserted into the interface of the TV set first. At least a 6 cm gap must be kept between the TV set and the wall surface to ensure sufficient space for all the interfaces to be inserted. Wherever you place or hang the TV set, ensure that air can circulate freely through the air duct.
- Do not place the TV set inside an enclosed space.

Power connection

- Insert one end of the power cord into the hole "Power In" of the adapter, and connect the other end to a 220V main supply socket, then insert the DC Power Out port of the power adaptor into the "Power In" hole in the lower rear part of the unit.
- Never place the TV set on the AC power cord. Otherwise, a fire disaster or electric shock may occur.
- The TV set will still consume some power when it is in a standby state while power is on.
- When the TV set is not used for a long period of time, it is preferable to pull the power cord out of the power socket.

Turn On/Off the LCD

1. **Turn on the LCD:**

   Switch on the AC power supply on the back of the TV set and press the Power key ⏻ on the remote controller or press the Power key on the panel. The indicator will turn blue and the LCD TV will enter normal operating mode several seconds later.

2. **Turn off the LCD:**

   Press the Power key ⏻ on the remote controller or press the Power key on the panel to turn off the LCD.
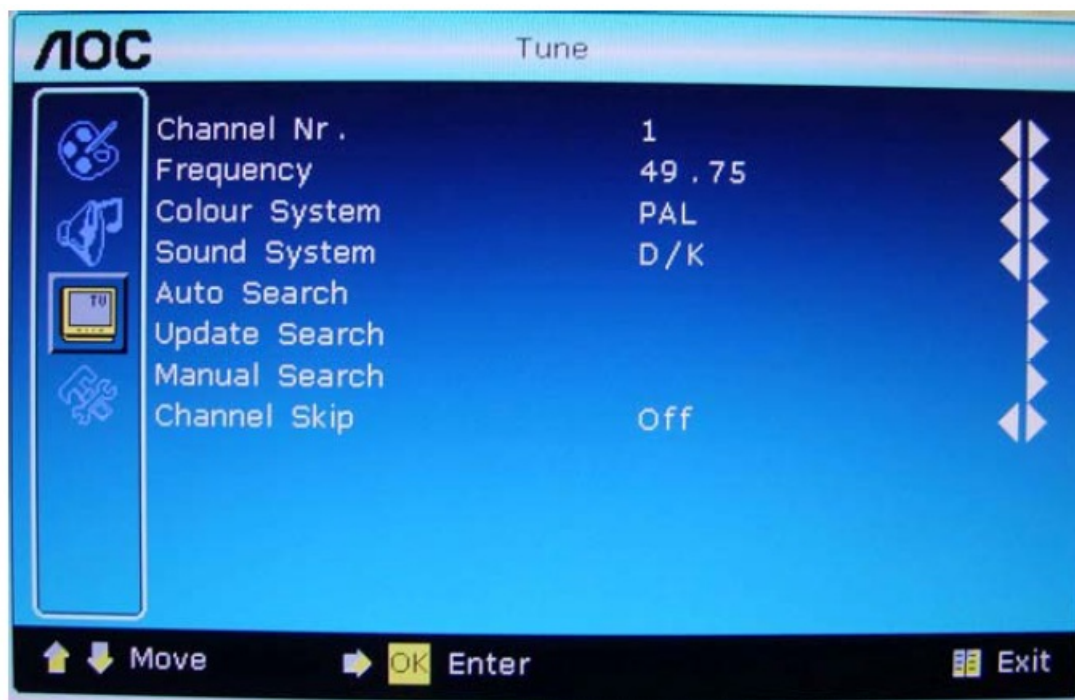
3. **Indicator status**

1. Normal, the TV indicator turns blue.

2. Standby, the TV indicator turns orange.

3. Off, the blue TV indicator goes off after flashing three times.

Searching

Press the "TV" key on the remote controller to switch to the TV signal source, then press the "Menu" key on the remote controller or the "Menu" key on the right side of the panel to enter the main menu page.

- Press the Searching key or enter the searching page to search channels automatically. Suggestion: select Auto for the color system and DK for the sound system.

- **To select automatic searching:** It will search for all TV programs and save them to the memory.

- Normally TV programs can be watched after the above steps are completed. In case of any abnormality or to further understand the unit, read the following contents.

About the control panel and interface

PANEL CONTROL KNOBS
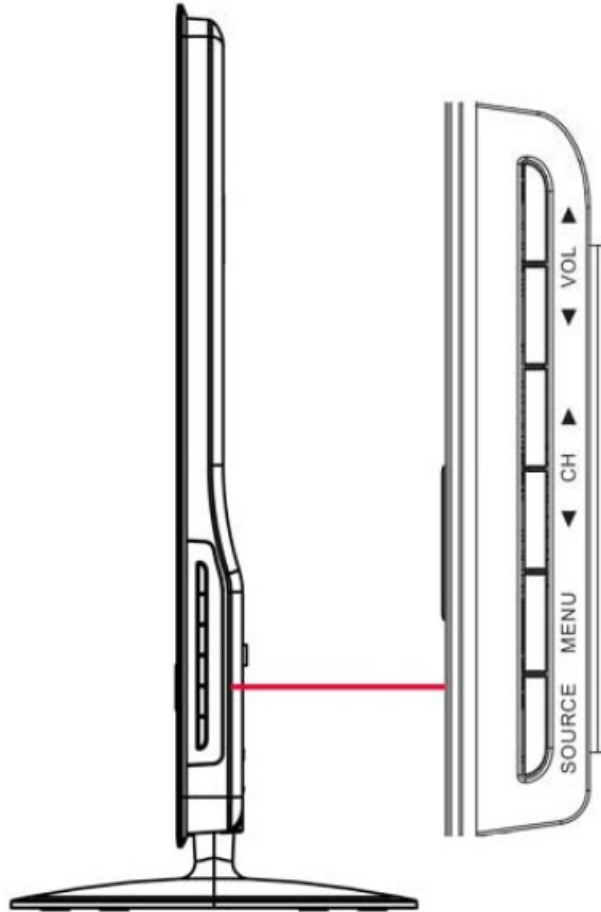
- **Input:** Press this button to change the input source.
- **Menu:** Press this button to display or exit the OSD menu.
- **CH▲/ ▼** : When the OSD menu appears, press these two buttons to select the item you want to execute; when no OSD menu appears, use it to change channels in TV mode.
- Vol ▲/ ▼ : When the OSD menu appears, press these two buttons to select or adjust the selected item; when no OSD menu appears, use them to adjust the volume.

SOURCE INTERFACE

- Several signal source devices can be connected to your TV set. The following diagram shows how to connect them.
- **Tips:** If you want to hang the TV set on the wall, all connecting wires must be inserted into the interfaces of the TV set first.
- Whenever a peripheral device is connected to the TV set, ensure that the TV set is turned off.
- When connecting a peripheral device, connect the cable to the connecting terminal that is the same color as the cable color.
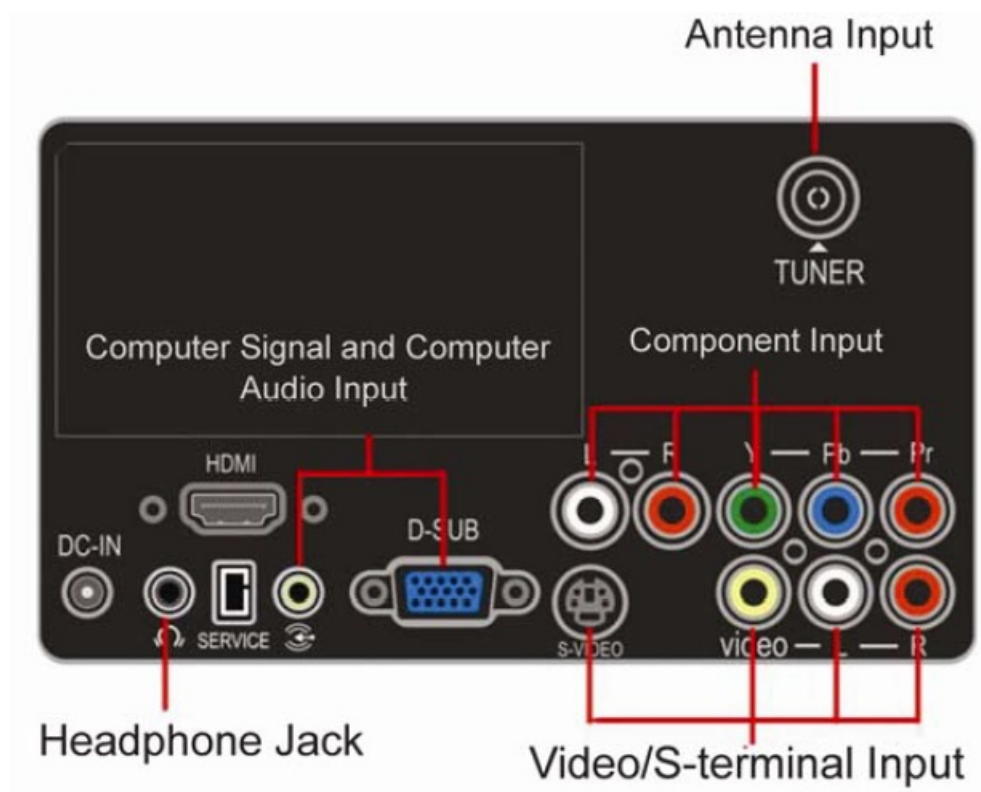
Antenna Input:
Insert the antenna connector into the antenna jack of the TV. The interface is a 75 Ω coaxial cable input.
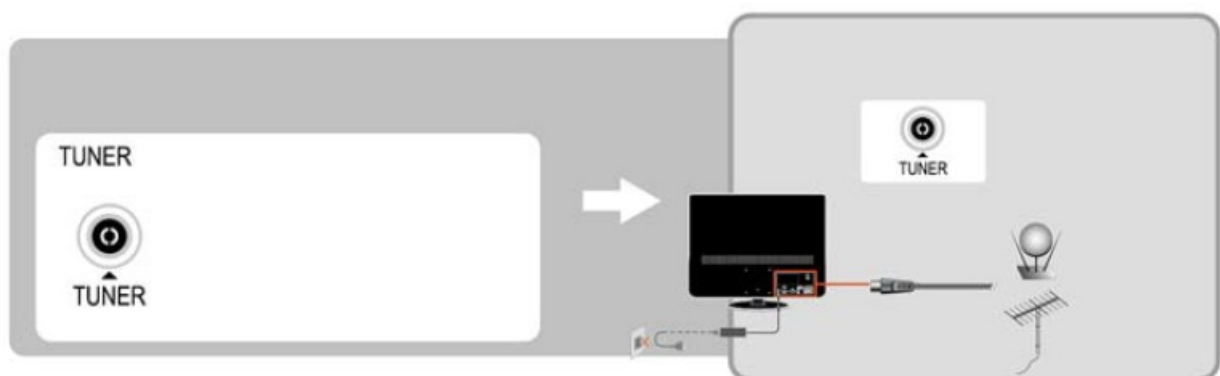
Video/S-terminal input

- Connect the video signal source or S-terminal cable to a device such as a DVD, laser disc player, video recorder or camera.
- **Audio input:** Connect the audio signal source (computer, DVD, laser disc player, video recorder or camera, etc.) to the audio input port.
- **Tips:** The S-terminal audio is shared with the video and audio terminals
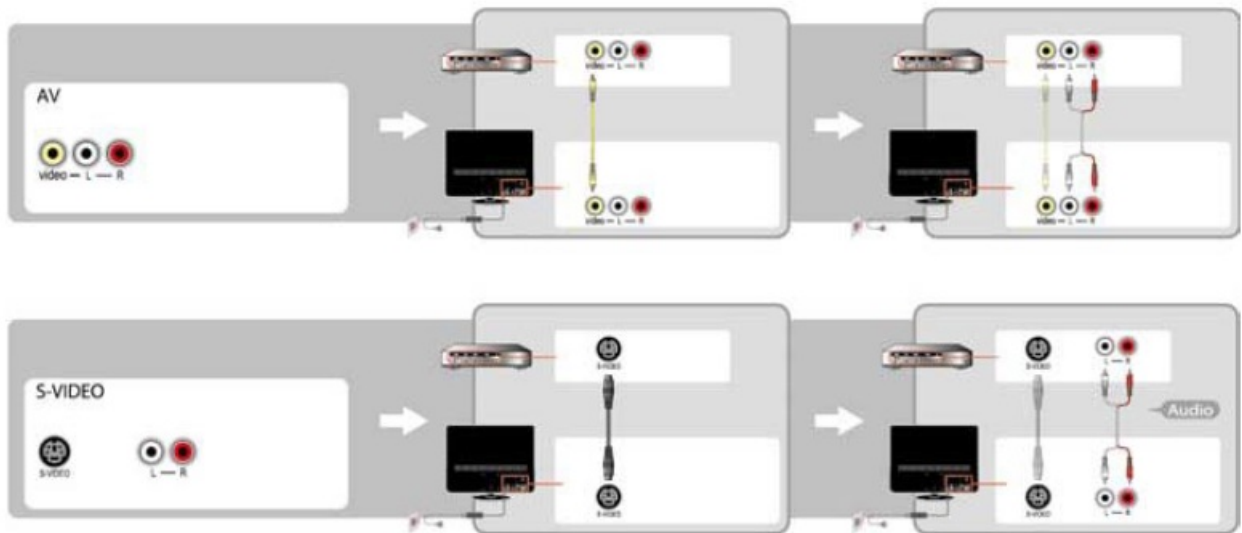
Component Input

Connect the sound and picture of the component signal source (DVD, laser disc player, video recorder or camera, etc.) to the component signal input port.
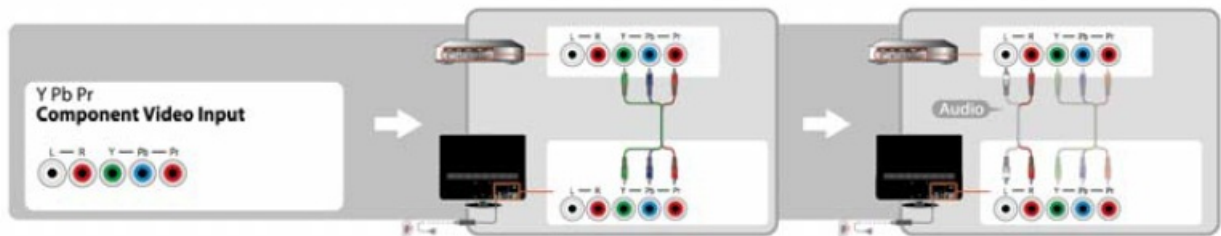
HDMI

HDMI (High-Definition Multimedia Interface) can be used to connect the HDMI signal cable to the DVD player and other devices.
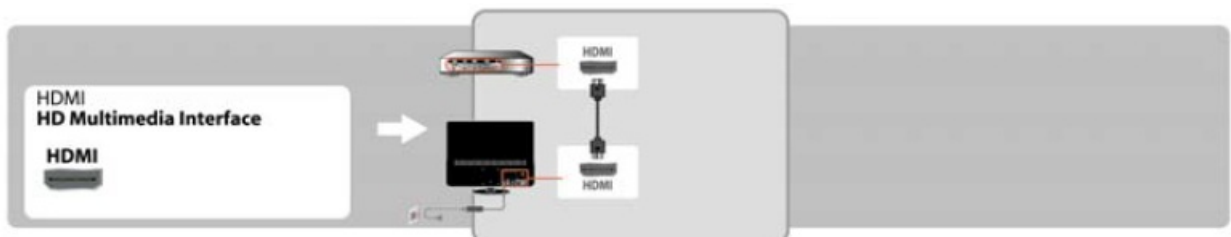
Computer signal and computer audio input:

- Connect the host signal to the computer input port at the back of the TV via the VGA signal cable.
- Connect one end of the PC audio cable to the PC audio input port of the TV, and connect the other end to the audio cable port of the PC host.

Headphone jack:

The user can use headphones by inserting the plug into the headphone jack.

OPERATING INSTRUCTIONS

TO USE THE REMOTE CONTROL

- **POWER**

  Press to power ON/OFF (standby) TV. **(Note:** TV is never completely powered off unless physically unplugged.)

- **TV**

  Press to choose TV source mode directly.

- **VIDEO**

  Press repeatedly to toggle between AV and S-VIDEO source modes

- **HDMI/PC**

  Press to toggle between HDMI and PC source modes.

- **Component Signal**

  Press to choose Component source mode directly.

- **0~9 1–**

  Press to enter channel numbers.

- **PRE CH**

  Press to display the previous channel

- **VOL**

  Press ∧ or ∨ adjust the volume.
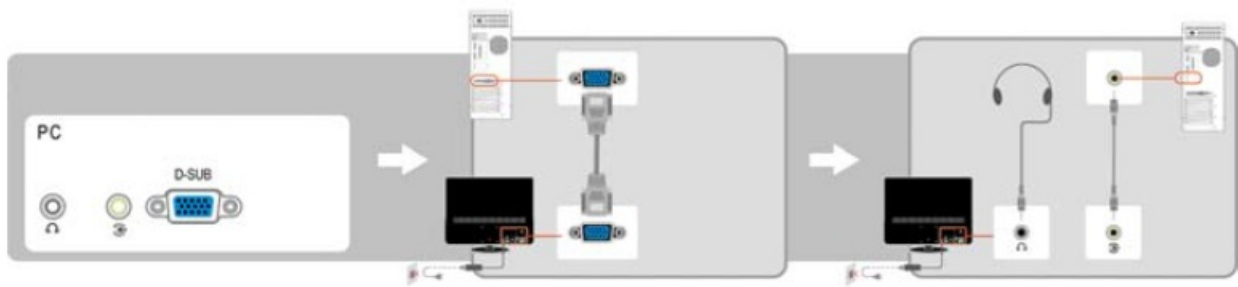
- **SOURCE:**

  Press to choose the input source: PC Signal input, HDMI input, Video input, S-video input, Component input, and TV input.

- **NICAM**

  Press to activate the TV sounds,

- **CH**

  - Press to change the TV channel up or down " ∧ "," ∨ "," "," ",
  - Press to adjust the various function items on the menu.

- **OK**

  Press to display the submenu

- **MENU:**

  Press to open or exit MENU.

- **WIDE**

  Press to choose the display aspect.

- **DISPLAY**

  Press to show the information about the input source or TV channel.

- **PICTURE**

  Press to switch the preset of video preset mode:

- **SOUND**

  Press to switch the preset of audio preset mode.

- **Sleep**

  Press to set a sleep timer, setting 0~120 minutes before your TV turns off automatically.

OPERATING INSTRUCTIONS

To install the remote control batteries

1. Remove the battery cover. Insert two AAA batteries into the battery compartment. Make sure that you match the + and – symbols on the batteries with the + and –symbols in the battery compartment.
2. Point the remote controller directly to the remote receiving window on the front casing of the main unit. In case of any barriers between the main unit and the remote controller, the remote controller may not work.
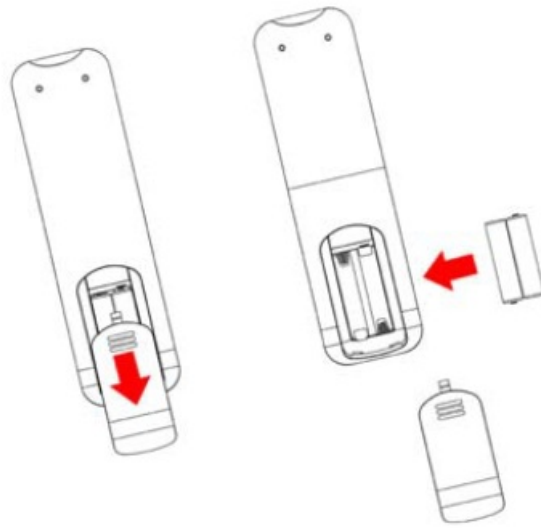
Note: To ensure safe operation, please do the following:

1. Use two AAA (#7) alkaline batteries.
2. Replace both batteries simultaneously.
3. Do not use a new battery together with an old one.
4. Avoid letting the remote come into contact with water or other liquids.
5. Do not place the remote controller in a humid or hot environment.
6. Do not drop the remote controller.
7. If the battery liquid leaks inside the remote controller, carefully clean the battery compartment and insert new batteries.
8. Improperly replacing batteries may also lead to an explosion hazard.
9. Dispose of used batteries according to the instructions on the battery.

TO USE THE MENU

1. Press the Menu button to display the Main Menu.
2. Use the V- or V+ to select the function to be adjusted.
3. Use the P- or P+ to enter into the submenu, or to enable or adjust the selected function.
4. Press the Menu button to exit the Main Menu.

SOURCE MENU
Press the Source button to enter the Source Menu: PC, HDMI, AV, S-Video, Component, TV.

Picture Setting

- Brightness Adjustable between 0-100, set the backlight brightness of the picture.
- Contrast Adjustable between 0-100, set the contrast of the picture.
- Saturation is Adjustable between 0-100, adjust the color concentration of the picture. (unavailable for PC and Component Signal modes)
- Sharpness Adjustable between 0-100, set the sharpness of the picture.
- Color Temp. Provides three options – Cold, Normal, and Warm.
- DNR (unavailable for PC mode)
- Picture Mode Provides four options – Mild, Standard, Vivid, and User.
- DCR Turn on/off dynamic contrast mode
- Reset Restore the picture settings to the default mode.

Sound Setting (the same for all modes)

- Sound Mode Switch between the five preset sound modes
- Bass Adjust the intensity of the bass
- Treble Adjust the intensity of the treble
- Balance Adjustable between 0-60. While adjusting in the range of 30-0, the sound of the right channel fades out to zero. While adjusting in the range of 30-60, the sound of the left channel fades out to zero.
- Reset Restore the sound settings to the default setting.

Function Setting
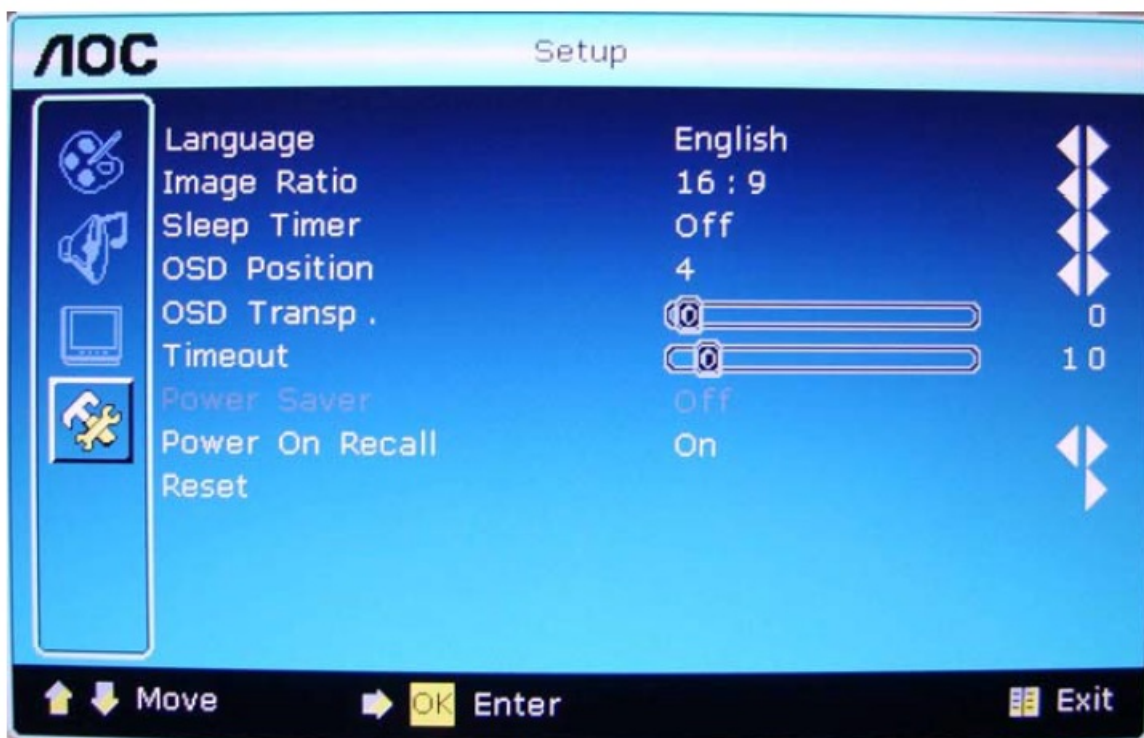
- MENU Language Select the OSD language between English/Simplified

Chinese/Russian/Portuguese/French/Spanish.

- Image Ratio
    - 4:3
    - 16:9
    - Movie (unavailable for PC mode)
    - Panorama (unavailable for PC mode)
- Sleep Timer Set the time for the TV set to enter the standby state (unavailable for PC mode)
- OSD Position Change the display position of the OSD menu. There are a total of 9 positions.
- OSD Transp. Adjustable between 0-10, set the transparency of the OSD menu.
- Timeout Adjustable between 5-60, set the display time (in seconds) of the OSD menu.
- Power Saver Turn on/off the power saving mode
- Power On Recall Turn on/off the power on recall function
- Reset Restore the function settings to the default mode.

Tuning (the following menus appear only in TV mode)
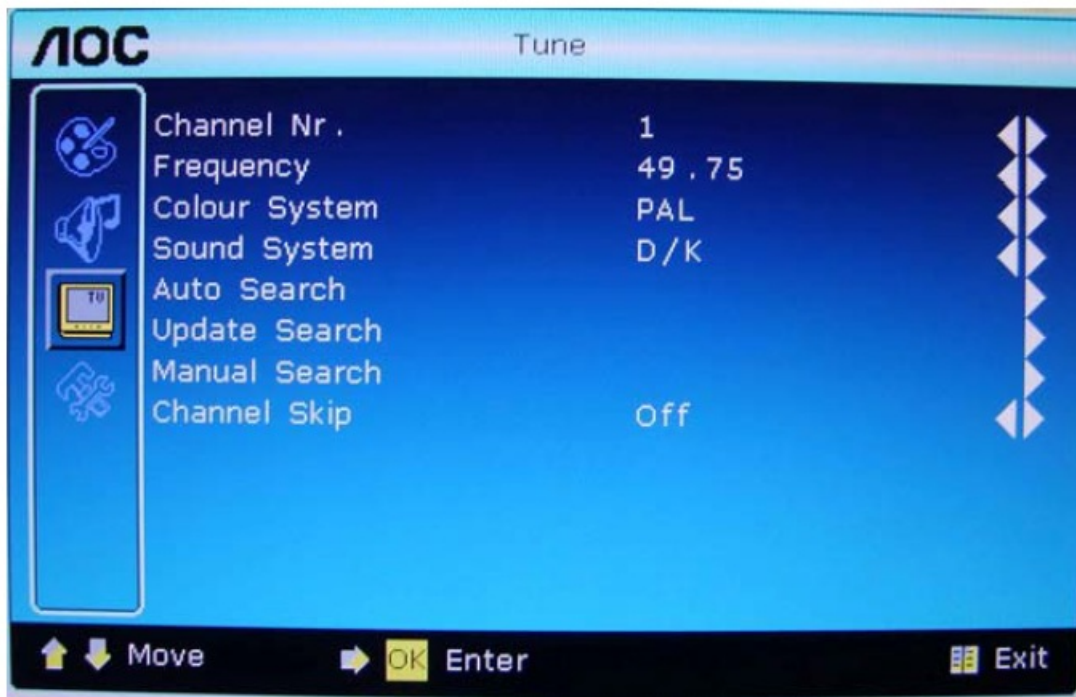
- Channel № Display the number of the current TV channel.
- Frequency Display the frequency of the current TV channel.
- **Color System**

  Display the color system of the current TV signal. (displayed as Auto after automatic saving)
- **Sound System**

  Display the sound system of the current TV signal. (displayed as Auto after automatic saving)
- Auto-Search It is used for the user to search the channel automatically and save the TV program. Pressing the "Menu' key will exit the Auto Search mode.
- **Manual Fine Tune**

  Press and hold the Left or Right key for more than 3 seconds to enter the Manual Search mode; in case of the program with a signal, exit the Semi-Auto Search and save the current program in the current program number.
- **Channel Skip**

It can be set as On and Off. When it is set as On, press the Channel Skip on the remote controller or on the panel

PC Setting (the following menus appear only in the PC mode)

- Auto Config Automatically configured the optimal position of the picture to the optimal time sequence position.
- H. Position Adjust the horizontal position of the picture
- V. Position Adjust the vertical position of the picture
- Clock Eliminate the vertical interfering lines
- Phase Eliminate the horizontal interfering lines
- Reset Restore the function settings to the default mode

Tips

Care of the screen

- Do not rub or strike the screen with anything hard as this may scratch, mar, or damage the screen permanently.
- Unplug the screen before cleaning the screen. Dust the TV by wiping the screen and the cabinet with a soft, clean cloth. If the screen requires additional cleaning, use a clean, damp cloth. Do not use liquid cleaners or aerosol cleaners.

Mobile telephone warning
To avoid disturbances in pictures and sound, and malfunctioning of your TV, keep away your mobile telephone from the TV.

End-of-life directives

- We are paying a lot of attention to producing environmentally friendly in green focal areas. Your new receiver

- contains materials that can be recycled and reused.
- At the end of its life, specialized companies can dismantle the discarded receiver to concentrate the reusable materials and minimize the amount of materials to be disposed of.
- Please ensure you dispose of your old receiver according to local regulations.

Product Specification

Model	V22t	V24t	
Display area	546mm (21.5")	598mm (23.6")	
Recommend frequency	1920 x1080	1920 x1080	
Visual angle	Horizontal:170° Vertical:160°(Typ.)	Horizontal:170° Vertical:160°(Typ.)	
Brightness	250cd/m²	300cd/m²	
Contrast	60000:1	60000:1	
Sound output	2Wx2	2Wx2	
Color systems	PAL/NTSC	PAL/NTSC	
Sound Systems	(D/K,B/G,I)/(D/K,B/G,I	(D/K,B/G,I)/(D/K,B/G,I,	
	,M)	M)	
Antenna input impedance	75Ω	75Ω	
Power Voltage	AC100-240V 50/60Hz	AC100-240V	50/60Hz
Power Consumption	≤35W	≤60W	
Power Consumption (Stand by)	≤1W	≤1W	
Dimensions (W)x(H)x(D) (mm) (with stand)	551.6x456x220.2	599.4×485.55×220.2	
Table stand	Not include.	Not include.	
Wall Mounting	100 x100mm M4x4 pcs (Screws)	100 x100mm M4x4 pcs (Screws)	
Environmental			
Considerations:			
Operating Temperature	0℃~40℃	0℃~40℃	
Operating Humanity	15% to 90%	15% to 90%	
Storage Temperature	-20℃~60℃	-20℃~60℃	
Storage Humanity	15% to 90%	15% to 90%	

SUPPORTED RESOLUTION

PRRESET PC MODE			
STANDARD	RESOLUTION	HORIZONTAL FREQUENCY (kHz)	VERTICAL FREQUENCY (kHz)
VGA	640×480 @60Hz DMT	31.469	59.940
VGA	640×480 @67Hz MAC	35.000	66.667
VGA	640×480 @72Hz DMT	37.861	72.809
VGA	640×480 @75Hz DMT	37.500	75.000
Dos-mode	720×400 @70Hz DOS	31.469	70.087
SVGA	800×600 @56Hz DMT	35.156	56.250
SVGA	800×600 @60Hz DMT	37.879	60.317
SVGA	800×600 @72Hz DMT	48.077	72.188
SVGA	800×600 @75Hz DMT	46.875	75.000
SVGA	832×624 @75Hz	49.725	74.500
XGA	1024×768 @60Hz DMT	48.363	60.004
XGA	1024×768 @70Hz DMT	56.476	70.069
XGA	1024×768 @75Hz DMT	60.023	75.029
XGA	1024×768 @75Hz MAC	60.241	74.927
***	1152×864 @75Hz DMT	67.500	75.000
***	1280×960 @60Hz DMT	60.000	60.000
SXGA	1280×1024 @60Hz DMT	63.981	60.02
SXGA	1280×1024 @75Hz DMT	79.976	75.025
WXGA+	1440×900 @60Hz CVT16:10	55.935	59.887
WXGA+	1440×900 @60Hz RB CVT16:10	55.469	59.901

WSXGA	1680X1050 @60Hz CVT16:10	65.290	59.954
WSXGA	1680X1050 @60Hz RB CVT16:10	64.674	59.883
HD	1920×1080@60Hz	67.500	60.000
SD	480P@60Hz for SDTV Digital only	31.469	59.94
SD	576P@50Hz for SDTV Digital only	31.250	50.000
HD	720P@60Hz for HDTV Digital only	45.000	60.000
HD	720P@50Hz for HDTV Digital only	37.500	50.000
HD	1080i@60Hz for HDTV Digital only	33.750	60.000
HD	1080i@50Hz for HDTV Digital only	28.125	50.000
HD	1080P@60Hz for HDTV Digital only	67.500	60.000
HD	1080P@50Hz for HDTV Digital only	56.250	50.000

Before Calling Service

Please make these simple checks before calling the service. These tips may save you time and money since charges for receiver installation and adjustments of customer controls are not covered under your warranty.

Symptoms	Items to Check and Actions to follow
"Ghost" or double image	*This may be caused by obstruction to the antenna due to high-rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	*Check that the TV's AC power cord is plugged into the main socket. *Unplug the TV, wait for 60 seconds. Then re-insert plug into the mains socket and turn on the TV again.
Dots of constant color appear on the TV screen	No measures are required because the liquid crystal panel manufactured with high technology is able to show fine picture details. Sometimes, some inactive pixels may appear on the screen in the form of red, blue, green, or black fixed dots. This does not affect the TV's performance.
No sound or picture, and the red lamp on the front panel doesn't go on	Press the Power key on the remote controller or the front panel.
No image appears	Check the antenna connection on the back of the TV set for the correct connection with the TV set. It may be the Radio Station's problem. Give other channels a try. Adjust the contrast and brightness settings.
Good picture but no sound	*Increase the VOLUME. *Check that the TV is not muted; press the button on the remote control.
No sound for some channels	Check whether the correct TV system is selected.
The sound is OK but the color is poor	Adjust the contrast, saturation, and brightness settings.
Poor picture quality	When it is connected to other peripheral devices (e.g. S-VHS video recorder or camera) simultaneously, the quality of the picture will be poorer. Turn off other peripheral devices in this case.

Snowy picture and noise	*Check the antenna connection
Horizontal dotted line	*This may be caused by electrical interference (e.g. hairdryer, nearby neon lights, etc.) *Turn off the equipment.
Television not responding to remote control	*Check whether the batteries are working. Replace if necessary *Clean the remote control sensor lens on the TV. *You can still use the buttons at the front of your TV.
VGA mode doesn't work	Check whether the VGA line connections are firm. Check whether the correct signal source is selected. If not, select the correct signal source. Check whether you have set the PC to a compatible display resolution. Check the settings of the display card
Black stripes appear on the top and bottom of the screen in VGA mode	Change the refresh frequency of the PC to 60 Hz.

GLOSSARY

- **Audio/Video Inputs**

  Located on the rear and the front of the receiver these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

- **S-Video Input**

  Allows direct connection of high-resolution video sources, such as a Super VHS videocassette recorder, Laser Disc player, etc. Provides improved picture resolution, sharpness, and clarity.

- **Component signal Cr (Pr), Cb (Pb), Y Input:**

  Connect the component signal source of audio and video (DVD player, Laser Disc player, videocassette recorder, or camcorder) to the Component Input port.

- **Menu**

  An on-screen listing of feature controls is shown on the TV screen and is made available for user adjustments.

- **RF**

  Radio Frequency or modulated signal design is used as the carrier for television broadcasts.

- **Sleep Timer**

  Function with which you can set a time period after which the TV should turn itself off.

Documents / Resources

AOC V22T 24 Inch Class LCD TV [pdf] User Manual
V22T 24 Inch Class LCD TV, V22T, 24 Inch Class LCD TV, Class LCD TV, LCD TV, TV

References

- ᴹᴴ **Search - Manual-Hub.com**