

NCE SMART DTV USER MANUAL



12V / 240V with inbuilt DVD

NCE Smart DTV warranty terms & conditions

The warranty cover period are listed below:

Items	Warranty Period	Warranty Type
Remote controls	6 months	Repair or Replacement
Television console	1 years	Parts/labour

1. NCE will provide parts and labor to you the Customer as set out here in.
2. Nothing in the warranty, limits any rights you may have under the trade practices act or any other Commonwealth or State Legislation. Such rights cannot be changed by the conditions in this warranty. Subject to the conditions below this appliance is warranted by NCE and/or its agents to be free from defects in materials and workmanship for a period of 12 months on non combination models from the date of purchase(the "Warranty period").
3. This warranty :
 - a. covers products purchased as New, manufactured for use in Mainland Australia.
 - b. commences from the date of purchase as listed on the original customers product purchasing invoice.
 - c. provides for the labor and replacement parts necessary to maintain your product in good operating condition as specified in this warranty however, if repair is needed because of product failure during normal usage, NCE has the option to repair or replace the defective product or part of the product with a product or part of the product of like kind and quality and a replacement part may be new or reconditioned of like kind and quality and may cost less than the original product purchased and no charges or refunds will be made based on the replacement product cost difference.
 - d. applies only to the original purchaser and cannot be transferred.
 - e. is only applicable when your appliance is used as per its intended use.
4. Product Identification.
 - a. NCE reserves the right to reject claims for any services or work where the Customer requesting such work or services from NCE /or its agents cannot produce for verification the serial number and the proof of purchase as per original purchase invoice.
 - b. The warranty will be voided if any original service or serial number sticker provided to be placed on the equipment is damaged, modified or removed.
 - c. In the event that a request for repair is made against a warranty where the service /Serial Number sticker is not attached to the product or the customer cannot produce for verification the original invoice, the repairer will not affect any repairs on the product and the Customer will be charged a service call-out fee.
 - d. NCE / or its agent reserves the right to reject claim of service for any item is not packed in original box or equivalent. Customer will be charged a deliver fee based on no original box or equivalent packaging.
5. What is covered by this warranty.
 - a. The equipment is covered for faulty workmanship on parts that have failed under normal use which are contained within the product.

b. NCE and/or its Agents will decide if there are any defects in the material and/or workmanship. This warranty is only applicable for repairs on declared equipment carried out within Mainland Australia.

6. What is NOT covered by this warranty.

a. Product performance or failure.

- i. of equipment due to the product being inadequately serviced to manufacturers recommendations.**
- ii. resulting from environmental conditions including and not limited to dirt, dust rodents, insects, rust, corrosion, salt built-up, of any part of the product including its parts; or**
- iii. resulting from excessive use “fair wear and tear” .**
- iv. resulting from poor installation including and not limited to positioning and externally fitted equipment such as plumbing and drainage, cabling, antennae or due to Incompatibility of connected equipment.**
- iv. to the product caused by overheating as a result of siting or positioning of the equipment, where there is not provision for adequate ventilation or a dust free environment.**
- v. caused if your appliance has been dismantled, repaired or serviced by any person other than someone authorized by NCE.**
- vi. to a product or components, caused by power surges or spikes, including and not limited to, mains power and telecommunications connections or to other unspecified sources, incorrect power current, voltage fluctuation, amperage fluctuation rust or corrosion.**
- vii. due to a dropped product; collision with another object, use of which is not designed, negligence, accident or deliberate misuse, theft, abuse, vandalism, flood, fire, earthquake, electrical storms or any other Act of God or any war related events.**
- b. costs of attendance and testing where no mechanical or electrical failure is identified.**
- c. initial setup and installation of the product.**
- d. Normal maintenance cost and costs incurred through the installation of items listed as requiring periodic replacement.**
- e. products with removed or altered serial numbers.**
- f. consumables such as but not limited to bulbs /globes, batteries, remote controls.**
- g. removal and reinstallation of an internal component not performed by a factory authorised service centre.**
- h. cosmetic or structural items.**
- i. Any failures due to the interference from or to other products and/or sources.**
- j. Inability of the product to read or output damaged or copied media.**

7. The Warranty Ceases if.

- a. The product ceases to carry the original manufacturers serial number or is sold at an auction.**
- b. The product is rented.**
- c. Damage to the product has occurred as listed in point 6b.**

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8. Neither NCE nor its representatives provide loan equipment under the terms of this warranty.
 9. Any unauthorized access to the internal hardware of the product will void this warranty.
 10. Replacement items are "Like for like" and is not "new for old" and does not indicate in any way that a faulty product will be replaced with a new part or unit.
 11. If you reside outside of the service coverage area of your nearest authorized service agent, this warranty does not cover the costs of transportation or travel expenses to and from your home.
 12. NCE accepts no liability for items that are lost, damaged, or stolen as a result of freight, transport or storage. If you are required to transport the appliance to an authorized service centre, you must ensure that it is securely packed and insured.
 13. On Public Holidays or other periods when regular business and wholesale operations are temporarily ceased, repairer availability and warranty response times may extend beyond the standard response times due to the availability of repairers and parts.
 14. Special Conditions relating to LED /LCD TVs, Panels, Television and Projections Equipment.
 - a. All LED /LCD Panels exhibit some bright, dark or partially fit pixels, a normal limitation of these technologies, and the manufacturing processes involved and are usually not noticeable when viewing normal screen images and defective pixels are not a warranty issue unless they exceed the manufacturers specifications for pixel defects Where there are no manufacturer specifications nce covers the screen provided for 11 or more pixels that are failing to display.
 - b. Image retention or burn-in can be a problem for all phosphor based displays. In extreme cases, permanent phosphor burn can occur if still/repetitive images are left on the screen for extended periods of time. Such damage to the screen is not covered by the warranty. Please ensure that the precautions in any documentation supplied with your product are followed in order to avoid permanent damage to your display.
 - c. Where a product is positioned higher than 1.2m from the lowest mount point, is wall/ceiling mounted or where aftermarket mounts and/or stands are used, or where the unit has not been installed by a professional installer, an extra service charge will apply to unfix and refix this product.
 15. Any repair performed on a product under the warranty where no fault can be found or the item is deemed by NCE, the supplier or an authorized, to be not faulty under this warranty, or the repair or fault is not covered under the warranty, a No Fault Found fee may be payable by the warranty holder.
 16. Any repairs or services required that are outside of the terms and conditions of the warranty can be carried out at the request of the customer or due to site attendance were fault is not covered under warranty as the product not been installed or setup correctly; a credit card may be required prior to the commencement of such services.

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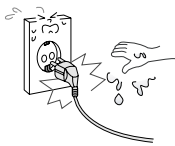
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Power Supply

Warnings

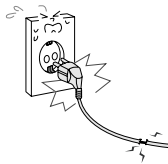
Do not touch the power plug with wet hands.

- Doing so may result in electric shock.



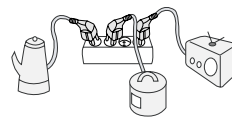
Do not use a damaged power cord or plug or a loose outlet.

- Doing so may result in fire or electric shock.



Do not plug several devices into the same outlet.

- Doing so may cause the outlet to overheat and start a fire.



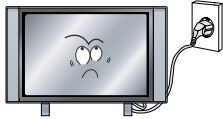
Insert the power plug fully into the outlet.

- A loose or improperly inserted power plug may result in fire.



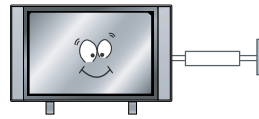
Do not bend the power cord excessively or place heavy objects on it.

- Doing so may result in fire or electric shock.



Be sure to ground the unit.

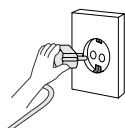
- Failing to do so may lead to electric shock when a short circuit or overload occurs. If necessary, install a ground fault circuit breaker. Never ground to a telephone line, lightning rod, or metal gas pipe. (Doing so may result in fire, electric shock, or other hazards.)



Cautions

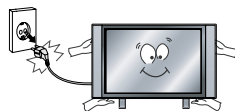
When disconnecting the power cord from an AC outlet, always grasp it by the plug.

- Pulling on the cord can damage the internal wire and may result in fire.



Always unplug the unit before cleaning.

- doing so may result in fire or electric shock.



The purpose of these precautions is to ensure user safety and prevent property damage.

Be sure to read and observe all safety precautions.

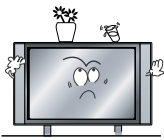


Installation

Warnings

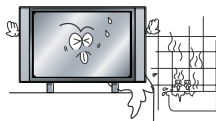
Do not place containers with liquids such as flower vases, soft drink cans, or medicine bottles or small metallic objects on top of the unit.

- If liquid enters the unit or any metal object falls into the unit, it may result in short-circuit, fire, or electric shock.



Do not place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.



Do not use or store flammable or combustible materials near the unit.

- Doing so may result in fire or explosion.



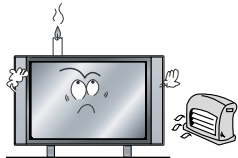
Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit.

- If a child climbs on the unit, it could topple and fall onto the child, resulting in serious injury to the child or damage to the unit. Place the unit on a flat stable surface.



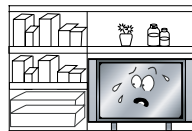
Do not place a burning candle, burning anti-mosquito incense, or lighted cigarette on top of the unit. Do not place the unit near any heat source such as a fireplace or space heater.

- Doing so poses a serious risk of fire.



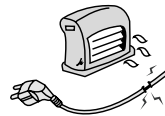
Do not place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of fire.



Do not run power cords near heat-producing appliances such as radiators, stoves, or irons.

- The excessive heat could melt the insulation and expose live wires, resulting in fire or electric shock.



Install the antenna away from high-voltage power lines and communication cables and make sure it is installed securely.

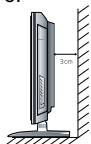
- If the antenna touches a power line, contact with the antenna could result in fire, electric shock, serious injury, or death.



Cautions

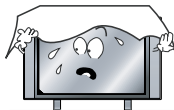
Install the unit at an adequate distance from the wall to ensure sufficient ventilation.

- If the temperature inside the unit rises, it may result in fire.



Do not cover the unit with a tablecloth, curtain, or other material.

- If the temperature inside the unit rises, it may result in fire.



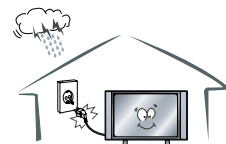
Be sure to place the unit on a level surface.



⚠ Warnings

Form a drip loop where the coaxial antenna cable enters your building to prevent rainwater from traveling along the cable and coming in contact with the antenna input terminal.

- If rainwater finds its way inside the unit, it may result in fire or electric shock.



- The following precautions are divided into "Warnings" and "Cautions".

⚠ Warning : Ignoring this precaution may result in death or serious injury.

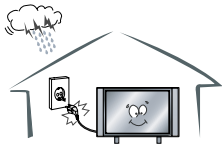
⚠ Caution : Ignoring this precaution may result in injury or property damage.

Use and Maintenance

Warnings

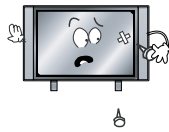
Disconnect the power cord from the wall outlet during an electrical storm.

- Not doing so may result in fire or electric shock.



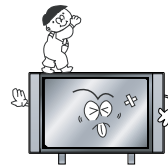
Do not insert any metal objects, such as a screwdriver, paper clip, or bent wire into the ventilation openings or AV terminals.

- Doing so poses a serious risk of fire or electric shock.



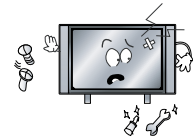
Do not allow children to climb or hang on the unit.

- The unit could topple over onto a child and result in serious injury.



Never disassemble or modify the unit in any way. Do not attempt to service the unit yourself.

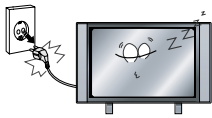
- Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

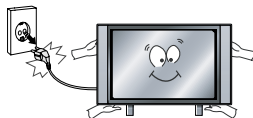
When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

- Dust could accumulate over time on the unit and cause it to generate heat and ignite, or deteriorate insulation, which in turn may result in an electrical fire.



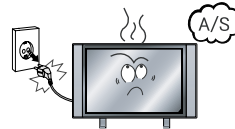
When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

- Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.



If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.

- Failure to do so may result in fire or electric shock.



⚠ Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

- If a child has swallowed a battery, seek medical attention immediately.



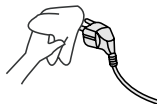
Always use two or more people to lift or move the unit.

- If the unit is dropped, it could be damaged or otherwise cause injury.



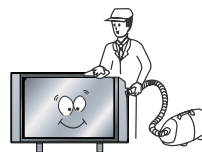
Wipe off any moisture, dirt, or dust on the power plug pins with a clean dry cloth.

- Failure to do so may result in fire or electric shock.



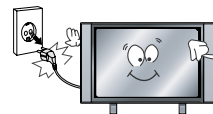
It is advisable to clean the interior of the unit at least once a year. Contact the store of purchase or service center for information.

- Continuing to use the unit without cleaning off the dust build-up inside it may result in fire or electric shock.



Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

- Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.



Important Safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.

Before operating this equipment, please read this manual completely, and keep it for future reference.

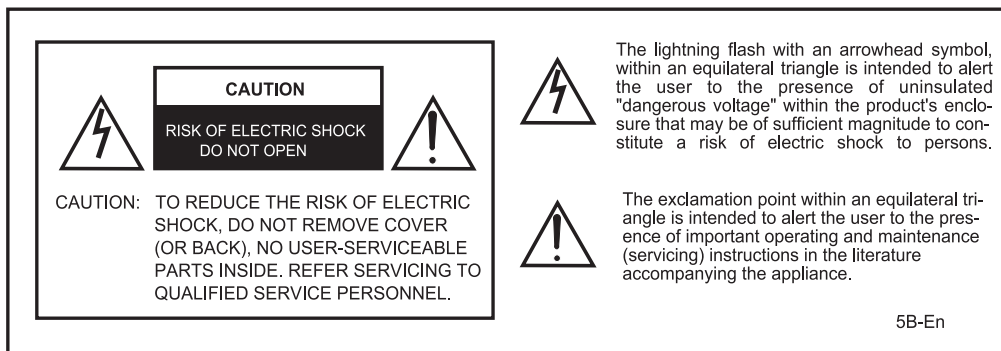
- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Do not clean with strong chemical agents
- 7) The appliance is intended for household use only, and not for commercial or industrial use.
- 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) Care required with the use of this apparatus in tropical climates. Do not use the appliance under temperatures over 40°C.
- 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 the attachments/accessories specified by the manufacturer.
- 13) Use only with a stand, or bracket, specified by the manufacturer, or sold with the apparatus.
- 14) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 15) Do not operate the unit if it is not working normally or has been damaged in anyway. Turn the unit off, unplug it from the power source and consult service personnel. Do not attempt to service this unit yourself.
- 16) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as 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.



Important Safety Instructions

- 17) Do not listen to headphones at high volumes; the excessive sound pressure from earphones can cause hearing loss.
- 18) Keep the player clean and never store it next to a heat source or in dirty, humid or wet places. Keep it out of direct sunlight.
- 19) Press the Player's button gently. Pressing them or the screen too hard can damage the player.
- 20) Do not subject the product to harsh impacts. Do not drop the appliance. This may result in damage to the product.
Do not touch, push or rub the surface of the LCD screen with any sharp or hard objects. When the surface of the LCD screen becomes dusty, wipe it gently with an absorbent cotton cloth or other soft material like chamois. Do not use acetone, toluene or alcohol to clean the surface of the screen. These chemicals will cause damage to the surface.
- 21) Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

WARNING: To reduce the risk of fire or electric shock, this apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Apparatus with Class I construction shall be connected to a Mains socket outlet with a protective earthing connection.

WARNING

TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Caution :

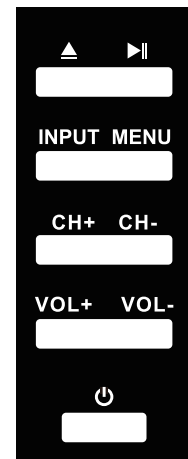
- These servicing instructions are for use by qualified service personnel only.
To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Names of each part

Front View

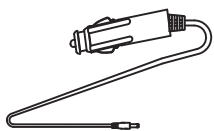


1. **▶||** After you insert a disc in the disc tray, press the **▶||** button to play, and press twice to pause.
2. Press the **▲** button when the power is on to eject the disc. Press the **▲** button again to re-load the disc.
3. **VOL(+)** - This button increases the TV's volume. If the On Screen Display (OSD) menu is active, pressing this button will move the selection to the right.
4. **VOL(-)** - This button decreases the TV's volume. If the OSD menu is active, pressing this button will move the selection to the left.
5. **CH(+)** - This button changes the TV channel upward. If the OSD menu is active, this button functions as up control for the menu.
6. **CH(-)** - This button changes the TV channel down. If the OSD menu is active, this button functions as down control for the menu.
7. **MENU** - This button activates the OSD menu. If a sub-menu is active, pressing this button will return selection to the previous menu level.
8. **INPUT** - This button switches between all the different sources of the TV. When the OSD is active, this button acts as the enter button and confirms the menu selection.
9. **POWER (⏻)** - Turn on the TV by pressing the button once. Press the button again to turn off the TV.



Accessories

The configuration of the components may look different from the following illustration



Accessory



Mini AV



Mini YPBPR



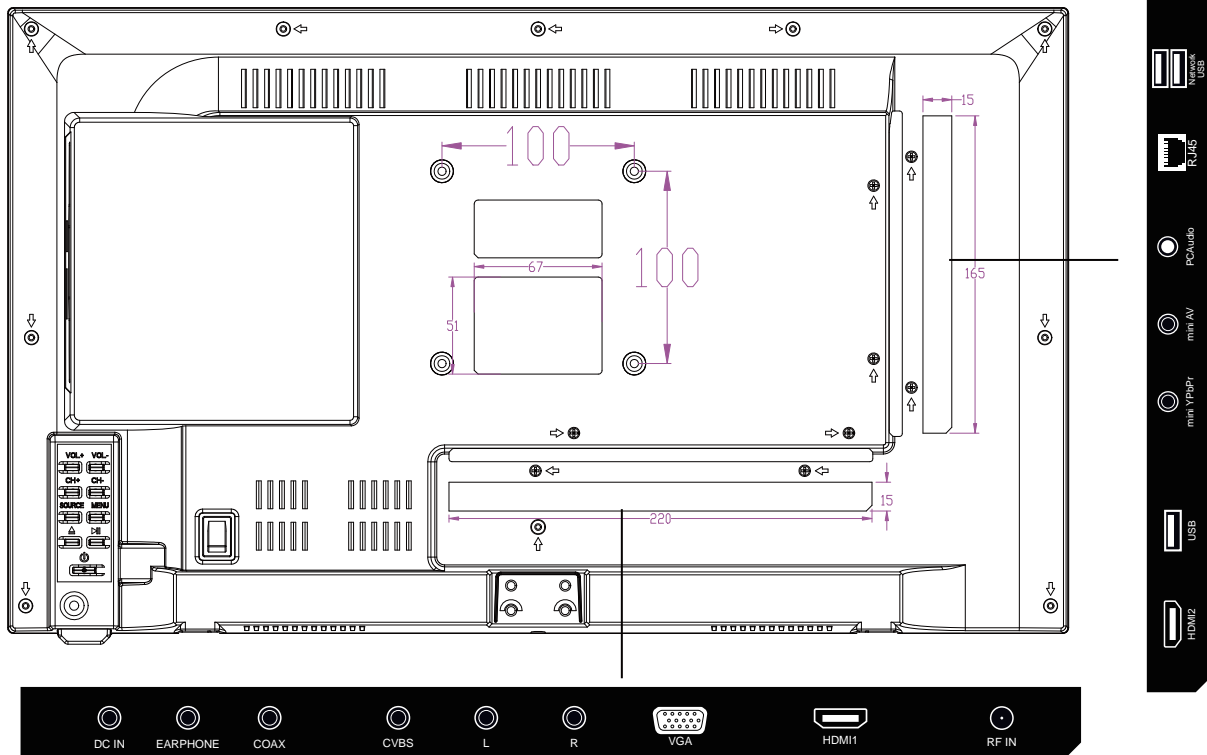
Remote Control



Power Adapter

Names of each part

Back View



Position of input / output connections for guidance only. Models may vary.

Remote Control

Functions of remote control buttons

The remote control is using Infra-Red (IR). Point it towards the front of the TV. The remote control may not work correctly if it is operated out of range or out of angle.



- 1, **POWER**: Press for turning the TV On/Off
- 2, **MUTE**: Press this button to mute or restore sound.
- 3, **NICAM/A2**: Press this button to switch sound system between mono and stereo.
- 4, **ASPECT**: Press to adjust picture ratio.
- 5, **P.MODE**: Select picture mode.
- 6, **S.MODE**: Select sound mode.
- 7, **NUMBER(0-9)**: Press 0-9 to select a TV channel directly. The channel will change after 2 seconds.
- 8, **-/--**: Switch the program digit.
* : Input * in SMART channel.
- 9, : Back to previous program
: Input # in SMART channel.
- 10, **DISPLAY**: Press to display the source and channel info.
- 11, **T.SHIFT**: Press to switch to timeshift mode.
: Eject/insert disc.
- 12, **AUTO**: Adjust the picture automatically in pc mode.
DEL: Delete function button in SMART mode
- 13, **RED** button :used for TXT , DTV and TV
Angle: adjust angle in DVD mode.
- 14, **GREEN** button :used for TXT , DTV and TV
LANG: Change language in DVD mode.
- 15, **YELLOW** button :used for TXT , DTV and TV
D.SETUP: DVD mode setup.
- 16, **BLUE** button :used for TXT , DTV and TV
D.MENU: Menu buttons in DVD mode.
- 17, **SLEEP** button :setting the TV to turn off automatically.
18. **SOURCE** button: source settings
19. **ENTER** button: to confirm the entry on display when highlighted or bold
20. **◀▶** buttons: to increase/ decrease the value in the menu

Remote Control



21. ▲▼ buttons: select previous / next option or function
22. **MENU** button: enter the menu / browser
23. **EXIT** button: exit function
24. **CH ▲▼** buttons: scrolling programs
25. **VOL ▲▼** buttons: increase / decrease volume
26. **HOME**: Return to the home page.
27. **MOUSE**: turning on/off the mouse in your browser and applications .
28. **TEXT** button: show teletext on the screen
▶|| button: start / stop
29. **REVEAL** button: show hidden signs
◀◀ button: rewind back
30. **SIZE** button: Resize the current page
▶▶ button: forward
31. **INDEX** button: shows the number of the main program
■ button: pressing this button, the screen stops
32. **HOLD** button: keep the current page and prevent loading new content. Pressing DTV time switch is entered
◀◀ button: switching to the previous page / display
33. **S.PAGE** button: display of the current sub page
▶▶ button: move to the next page / display
34. **S.TITLE** button: display subtitles on the screen / turn off the subtitles
35. **FAV** button: automatic switch to your favorite program
A-B:Repeats various sections of a playback.
36. **RADIO** button: press to enter a radio station, press again to enter DTV program
37. **EPG** button: to display the electronic program guide while the browser / menu is not running
S.MENU: turning on/off the menu in your browser and applications .
38. **R.LIST** button: open a list of recorded documents
Repeat:Repeat mode selection in DVD mode.
39. **RECORDER**: Press to record program.

SELECT INPUT SOURCE

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

Press **▼ / ▲** button to select the desired input source you want to,

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

Press **EXIT** button to quit.



Initial Installation

Connect a RF cable to the TV's input called "RF-In".

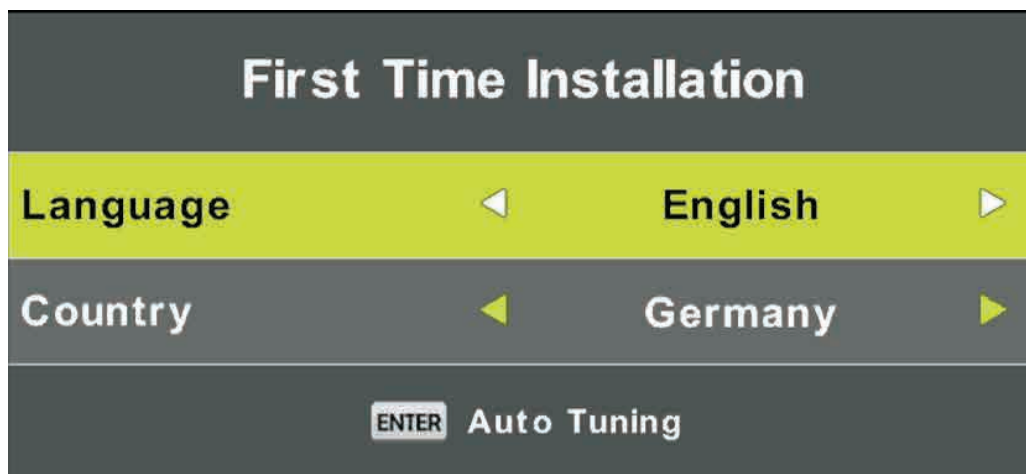
Select Language

Press ◀ / ▶ button to select the language to be used for menus and message.

Select Country

Press ▲ / ▼ button to highlight country menu.

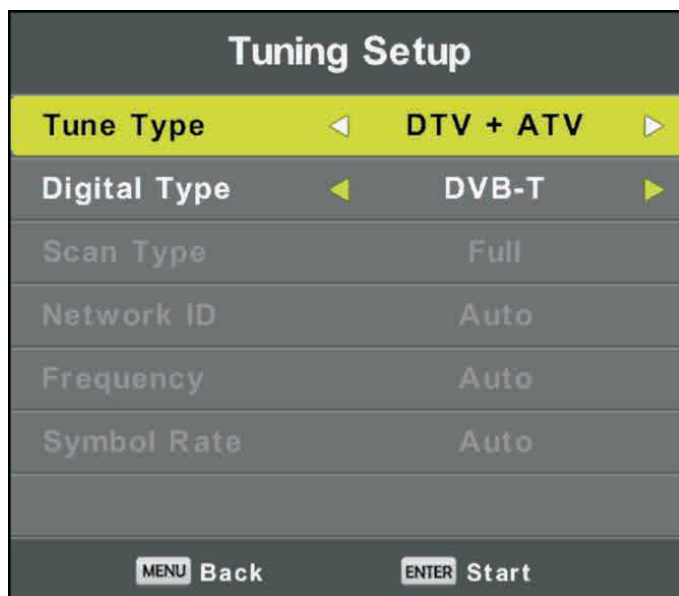
Press ◀ / ▶ button to select. Press **ENTER** to continue.



Select Tune Type

Press ◀ / ▶ button to select Digital TV Tuning, Analogue TV Tuning or Both.

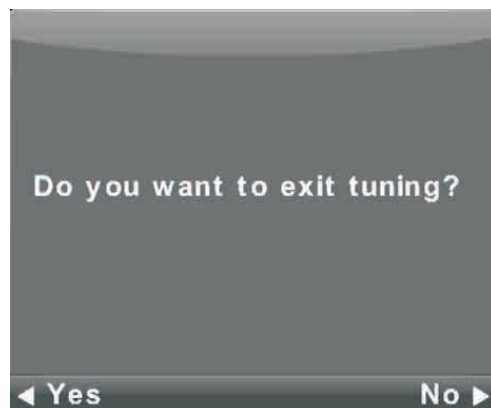
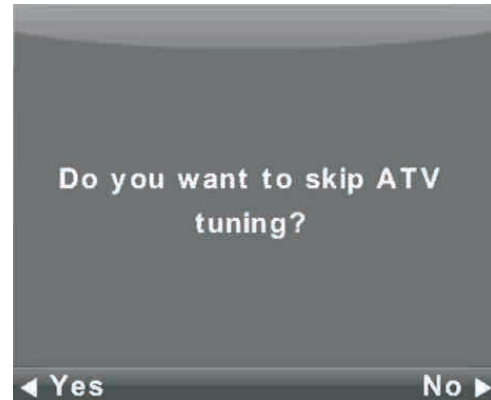
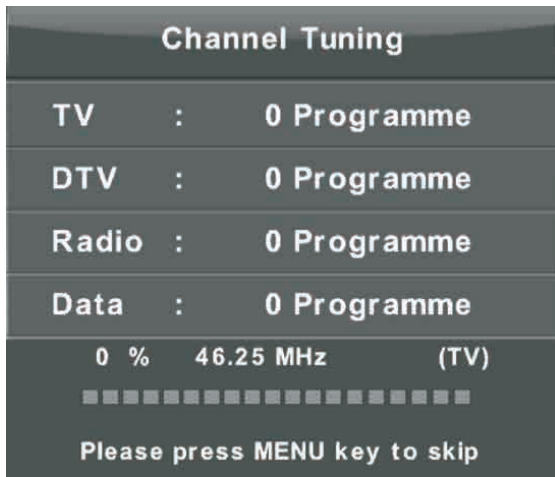
Press **ENTER** to continue.



Auto Tuning

ATV: Press **MENU** and then left arrow button to skip ATV tuning.

DTV: Press **MENU** and then left arrow button to skip DTV tuning.



Main Menu Operation

Channel Menu

Press **MENU** button to display the main menu.
Press ◀ / ▶ button to select **CHANNEL**.

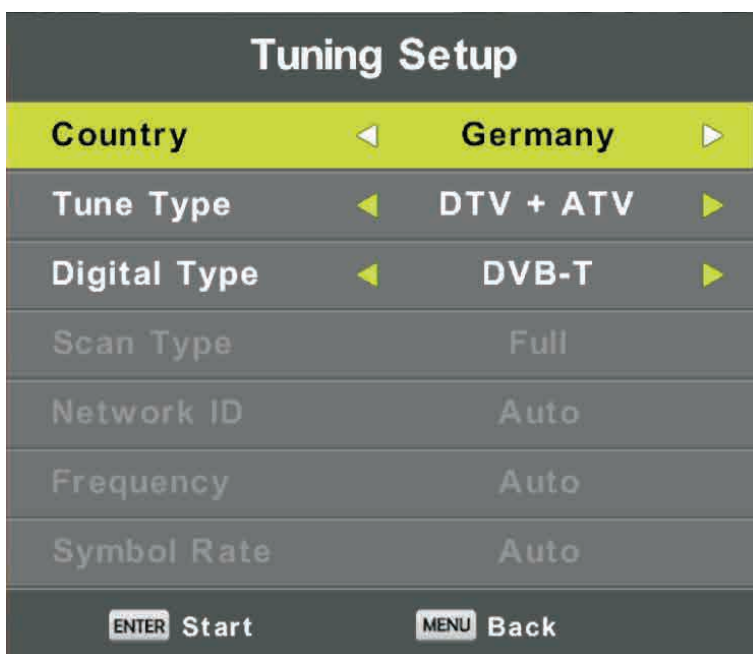
In DVT Source:

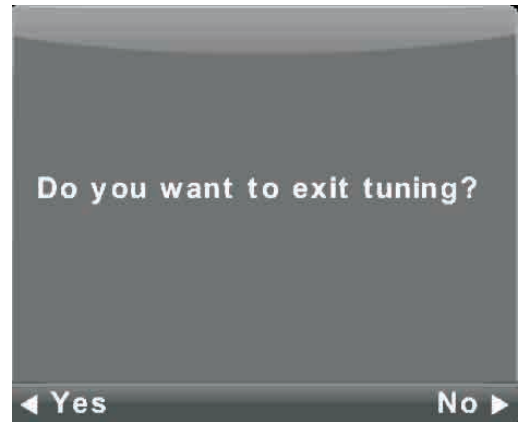
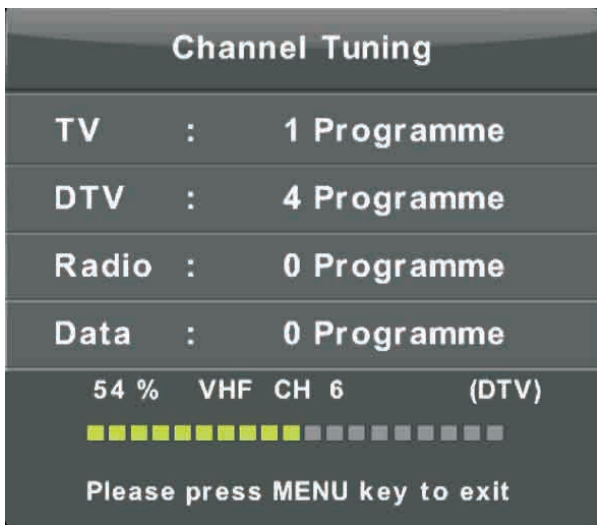
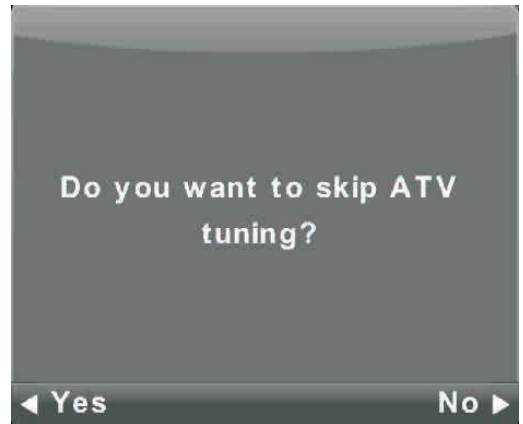
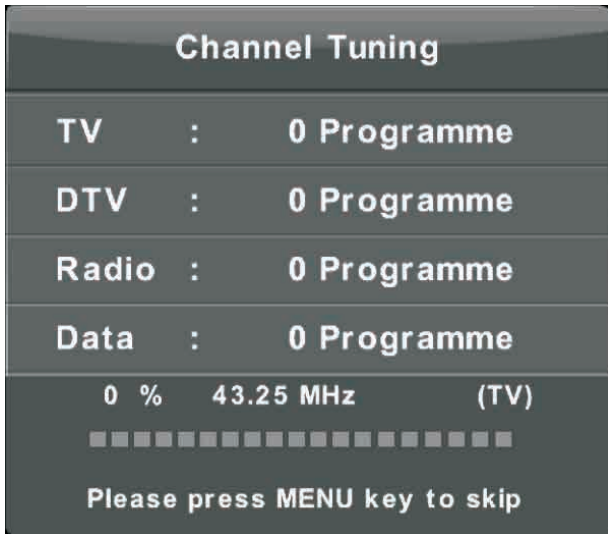


1. Press ▼ / ▲ button to select the option to adjust in the CHANNEL menu.
2. Press ENTER button to adjust.
3. After finishing your adjustment, Press ENTER button to save and return to the previous menu.

Auto Tuning

Press ▼ / ▲ button to select Auto Tuning, then press ENTER / ▶ button to enter.





ATV Manual Tuning



Current CH

Set the channel number.

Color System

Select the color system
(Available System: AUTO, PAL, SECAM)

Sound System

Select the Sound system
(Available System: DK, L, BG, I)

Fine-Tune

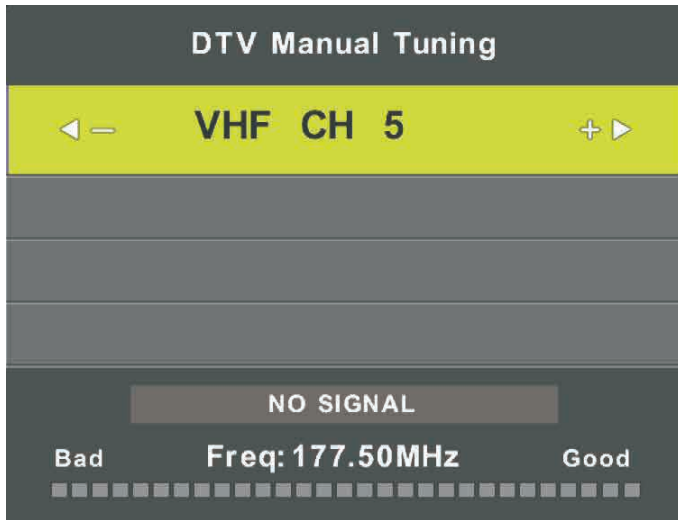
Adjust the frequency of the channel.

Search

Start searching channel.

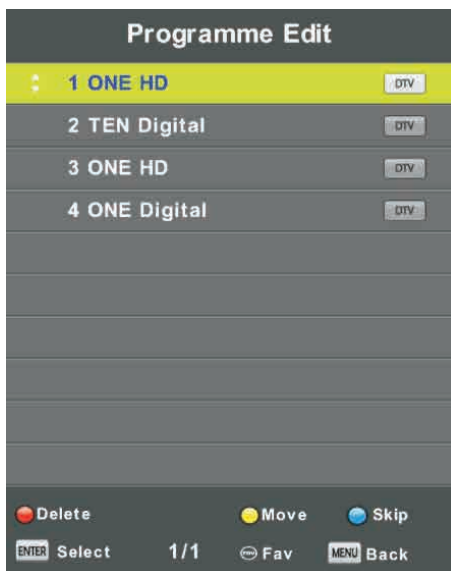
DTV Manual Tuning

Press ▼ / ▲ button to select DTV Manual Tuning, then press **ENTER** button to enter sub-menu.
Press ◀ / ▶ button to select channel, then press **ENTER** button to search program.



Program Edit

Press ▼ / ▲ button to select Program Edit, then press **ENTER** button to enter sub-menu.



The three colored key is the shortcut for programming the channel.

First press ▼ / ▲ to highlight the channel to select, then:

Press the **Red** button to delete the program in the list.

Press the **Yellow** button to move the channel.

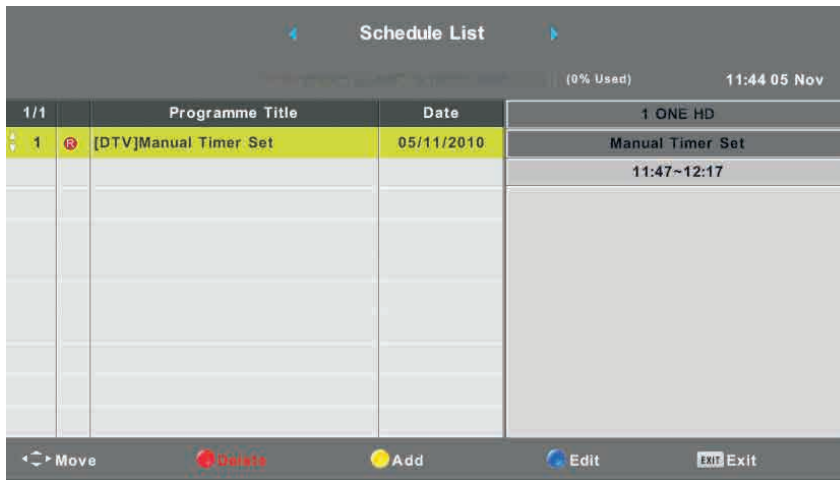
Press the **Blue** button to skip the selected channel.

(Your TV set will skip the channel automatically when using CH+/- to view the channels.)

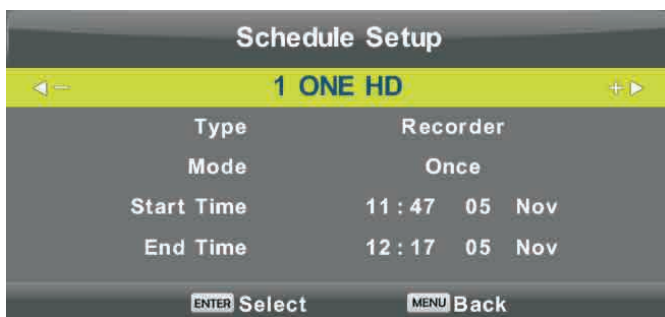
Press **FAV** button to add or remove the channel to your favorite list.

Schedule List

Press ▼ / ▲ button to select Schedule List, then press **ENTER** button to enter sub-menu.



Press the **YELLOW** button to enter the interface below.



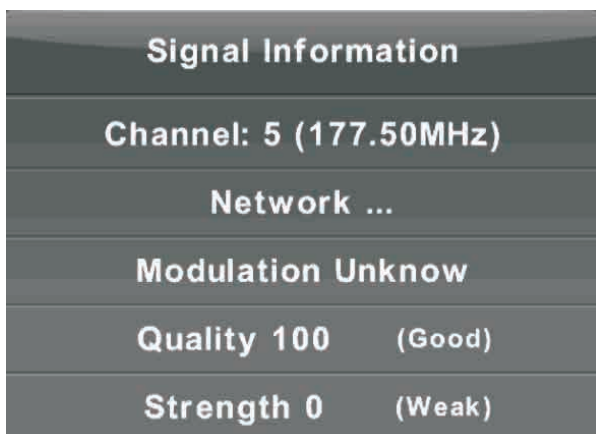
Press ▼ / ▲ button to select option.
Press ▼ / ▲ to make and adjustment.
Press **ENTER** to confirm.

NOTE: If a program conflicts with a scheduled program, it will produce a warning message.



Signal Information

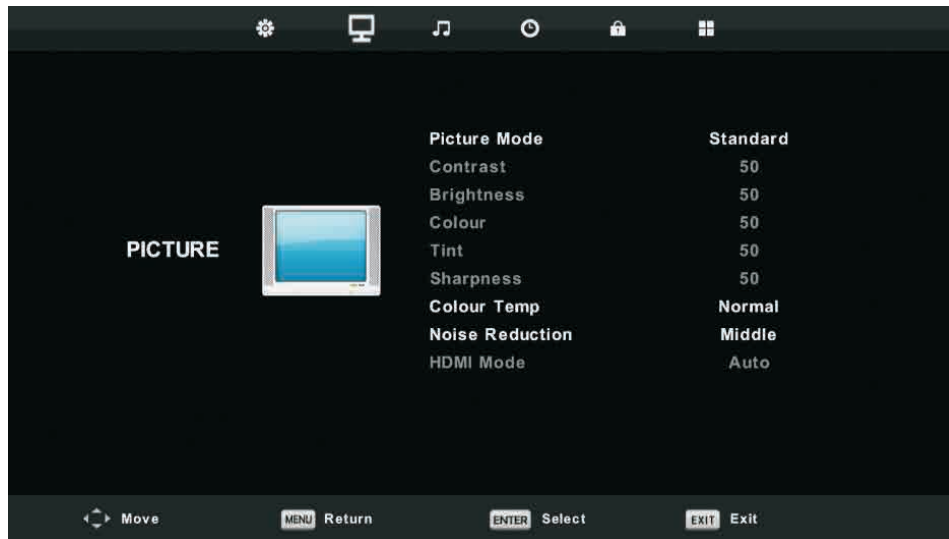
Press ▼ / ▲ button to select **Signal Information**, press the **ENTER** button to see the detailed information about the signal. Only available when there is signal reception in DTV.



Picture Menu

Press **MENU** button to display the main menu.

Press **◀ / ▶** button to select **PICTURE** in the main menu.



1. Press **▼ / ▲** button to select **PICTURE** menu.
2. Press **OK** button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Picture Mode

Press **▼ / ▲** button to select Picture Mode, then press **OK** button to enter sub-menu.

Personal Mode

You can change the value of contrast, brightness, color, sharpness and tint.

TIP: You can press **PMODE** button to change the Picture Mode directly, without entering the menu.



Contrast/ Brightness/ Color/ Tint/ Sharpness

Press **▼ / ▲** button to select option, then press **◀ / ▶** button to adjust.

Contrast Adjust the white levels.

Brightness Adjust the black levels.

Color Adjust the saturation of the color.

Tint Use in compensating color change with transmission in NTSC format.

Sharpness Adjust the detail of the picture.

Colour Temp

Change the overall color cast of the picture.

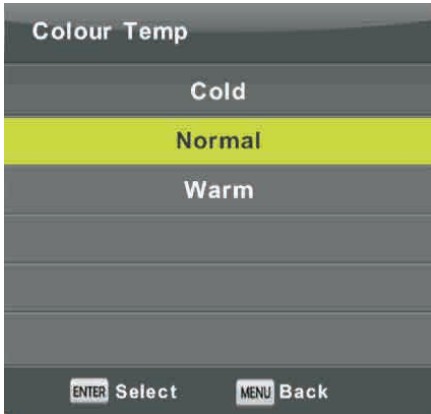
Press ▼ / ▲ button to select Colour Temperature, then press **OK** button to enter Sub-Menu.

Press ▼ / ▲ button to select. Press **OK** button to confirm.

Cold Increase the blue tone.

Normal No change in tone.

Warm Increase the red tone.



Noise Reduction

To filter out and reduce the image noise and improve picture quality.

Press ▼ / ▲ button to select Noise Reduction. Then press **OK** button to enter sub-menu.



Off Select to turn off video noise detection.

Low Detect and reduce low video noise.

Middle Detect and reduce moderate video noise.

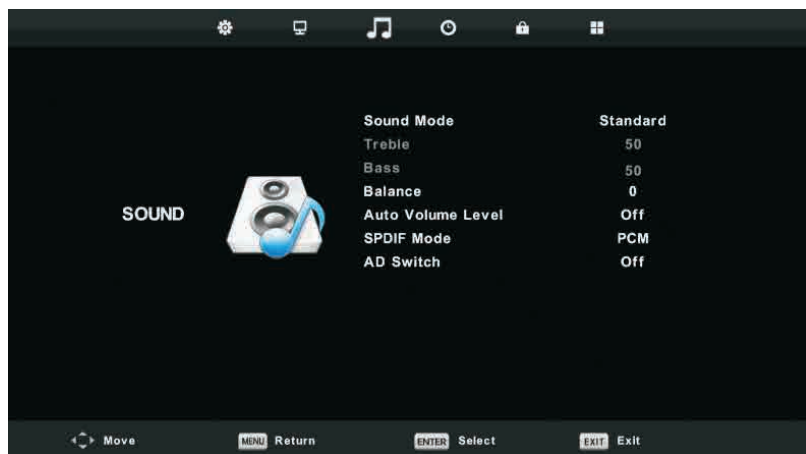
High Detect and reduce excessive video noise.

Default Set as Default.

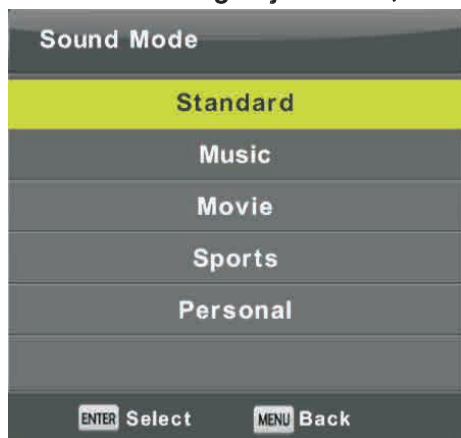
Sound Menu

Press **MENU** button to display the main menu.

Press ◀ / ▶ button to select **SOUND** in the main menu.



1. Press ▼ / ▲ button to adjust the **SOUND** menu.
2. Press **Enter** button to adjust.
3. After finishing adjustment, Press **Enter** button to save and return to the previous menu.



Sound Mode

Press ▼ / ▲ button to select Sound Mode, then press **Enter** button to enter sub-menu. Press ▼ / ▲ button to select.

The value of Treble and Bass can be changed when the sound is in Personal mode.

TIPS: You can press **SMODE** button on the remote control to directly change the Sound Mode.

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

Note: Treble and bass are only available in **User** mode. Adjust them as desired.

Balance

Press ▼ / ▲ button to select option, Press ◀ / ▶ button to adjust.

Auto Volume level

Press ▼ / ▲ button to select Auto Volume Level, then press ◀ / ▶ button to select On or Off.

SPDIF Mode

Press ▼ / ▲ button to select SPDIF Mode, then press ◀ / ▶ button to select Off / PCM / Auto.

AD Switch

Press ▼ / ▲ button to select AD Switch, then press ◀ / ▶ button to select On or Off.

NOTE:

Balance: This item can adjust the volume of each speaker.

Auto Volume: This item is used for automatically reducing the difference between each program's volume.

Time Menu

Press **MENU** button to display the main menu.

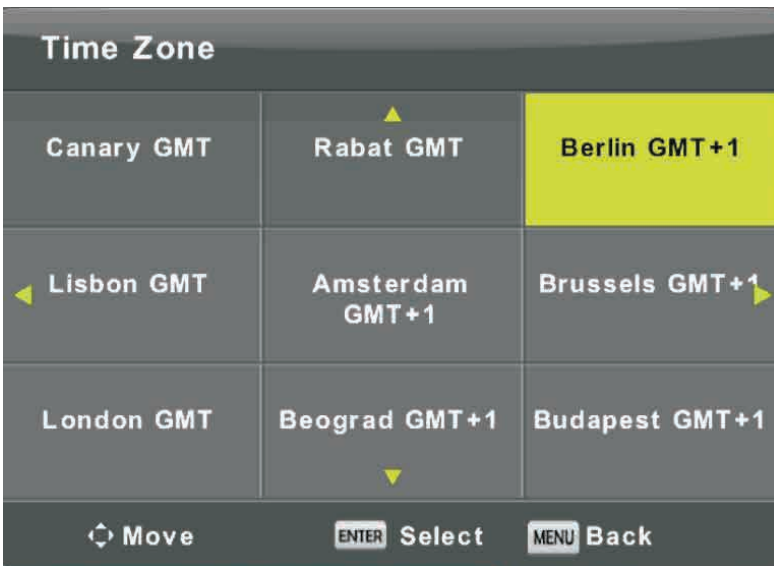
Press **◀ / ▶** button to select **TIME** in the main menu.



1. Press **▼ / ▲** button to adjust in the **TIME** menu.
2. Press **ENTER** button to adjust.
3. After finishing adjustment, Press **ENTER** button to save and return to the previous menu.

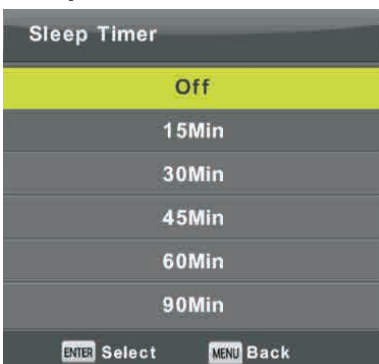
Time Zone

Press **▼ / ▲** button to select Time Zone, then press **ENTER** button to enter sub-menu.



Press **▼ / ▲ / ◀ / ▶** button to select time zone.

Sleep Timer

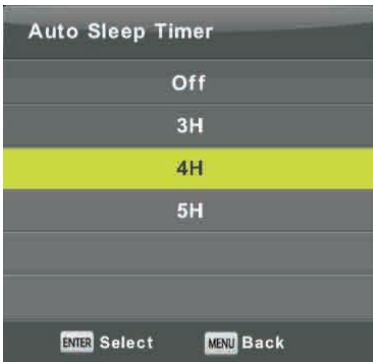


Press **▼ / ▲** button to select Sleep Timer, then press **ENTER** button to enter sub-menu.

Press **▼ / ▲** button to select.

(Available options are: Off, 15min, 30min, 45min, 60min, 90min, 120min, 240min).

Auto Standby



Press ▼ / ▲ button to select Auto Standby, then press **Enter** button to enter sub-menu.

Press ▼ / ▲ button to select.

Tips: Using the remote control resets the timer.

OSD Timer



Press ▼ / ▲ button to select OSD Menu Time-Out, then press **Enter** button to enter sub-menu.

Press ▼ / ▲ button to select.

Lock Menu

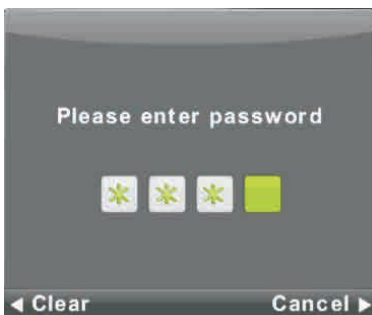
Press **MENU** button to display the main menu.

Press ◀ / ▶ button to select **Lock** in the main menu.



1. Press ▼ / ▲ button to adjust the **LOCK** menu.
2. Press Enter/◀ / ▶ button to adjust.
3. After finishing your adjustment, Press **MENU** button to return back to the previous menu.

System Lock



Press ▼ / ▲ button to select System Lock, then press **Enter** button.

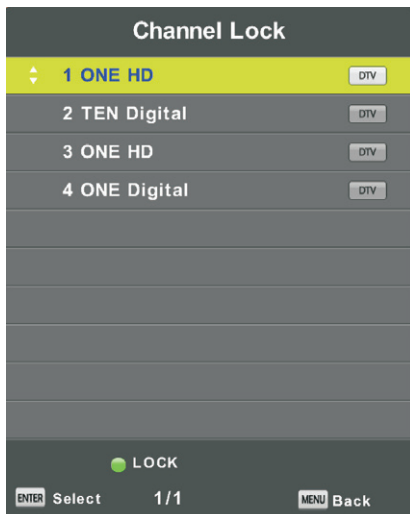
Default password is **0000**. If forgotten, please call the service centre.

Set Password



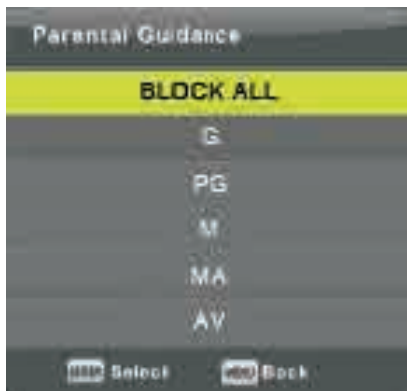
Press ▼ / ▲ button to select Set Password, then press **Enter** button to enter sub-menu to set new password.

Channel Lock



Press ▼ / ▲ button to select Channel Lock, then press **Enter** button to enter sub-menu to select. Press **Green** button to lock or unlock the channel.

Parental Guidance

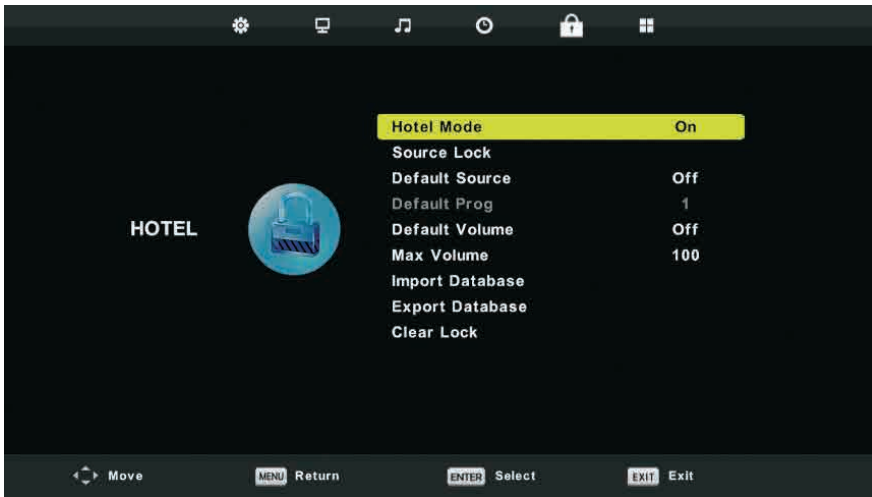


Press ▼ / ▲ button to select Parental Guidance, then press **Enter** button to enter sub-menu to select the appropriate rating.

Key Lock

Press ▼ / ▲ button to select Key Lock, then press ◀ / ▶ button to select Off or On. When Key Lock is on, you can't use the Key panel buttons on the back of the TV.

Hotel Mode



1. Press ▼ / ▲ button on the remote control to select hotel mode in the **Lock** menu.
2. Press **Enter** button on the remote control to enter the sub-menu.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Hotel Mode

Press ▼ / ▲ button to select Hotel Mode, then press ◀ / ▶ button to select on or off.

Source Lock

Press ▼ / ▲ button to select Source Lock, then press **Enter** button to enter sub-menu to select.

Default Source

Press ▼ / ▲ button to select Default Source, then press **Enter** button to enter sub-menu to select.

Default Prog

Press ▼ / ▲ button to select Default Prog, then press ◀ / ▶ button to adjust.
It is available when the default source is TV.

Max Volume

Press ▼ / ▲ button to select Max Volume, then press ◀ / ▶ button to adjust.

Import Database

Import parameter of Audio/ Channel/Lock/Setup from a USB drive. Insert USB drive, choose "Import Database" and press enter to import.

Export Database

Export parameters of Audio/Channel/Lock/Setup to a USB drive. Insert USB disk, choose "Export Database" and press Enter to Export.

Clear Lock

Press ▼ / ▲ button to select Clear Lock, then press **Enter** button to clear the setting you have done before.

Setup Menu

Press MENU button to display the main menu.
Press ◀ / ▶ button to select **SETUP** in the main menu.



1. Press ▼ / ▲ button to adjust the **SETUP** menu.
2. Press **Enter** button to adjust.
3. After finishing adjustment, press **Enter** button to save and return to the previous menu.

Language

Select an OSD menu language to be displayed.
English is selected as default menu language.
Press ▼ / ▲ / ◀ / ▶ button to select Menu Language.



TT Language

Press ▼ / ▲ button to select TT Language, then press **Enter** button to enter sub-menu.
Press ▼ / ▲ button to select TT language.



Audio Languages

Press ▼ / ▲ button to select Audio Languages, then press **Enter** button to enter sub-menu.
Press ◀ / ▶ button to select the primary or secondary audio language.
Press ▼ / ▲ / ◀ / ▶ button to select the Audio Languages.



Subtitle Language

Press ▼ / ▲ button to select Subtitle Language, then press **Enter** button to enter sub-menu.
Press ◀ / ▶ button to select the primary or secondary subtitle language.
Press ▼ / ▲ / ◀ / ▶ button to select the Subtitle Language.



Hearing Impaired

Press ▼ / ▲ button to select Hearing Impaired, then press **Enter** button to select On or Off.

PVR File System

Press ▼ / ▲ button to select PVR File System, then press **Enter** button to enter sub-menu.
Press ▼ / ▲ button to select Check PVR File System,
then press **Enter** button to enter. Then it will check the USB speed.



Press ▼ / ▲ button to select format, then
Press **Enter** button to enter sub-menu.
Press **Enter** and ◀ to start format.
Note: USB device must be formatted before
programs can be recorded.

Aspect Ratio

Press ▼ / ▲ button to select Aspect Ratio, then press **Enter** button to enter sub-menu.

Press ▼ / ▲ button to select aspect ratio. (Available options are: Auto, 4:3, 16:9, Zoom1, Zoom2).



Blue Screen

Press ▼ / ▲ button to select Blue Screen, then press **Enter** button to select On or Off.

First Time Installation

Press ▼ / ▲ button to select Initial Installation, then press **Enter** button to enter.

Reset

Press ▼ / ▲ button to select Reset, then press **Enter** button to enter sub-menu.

Software Update(USB)

Press ▼ / ▲ button to select Software Update (USB), plug your USB device in the USB slot, then press **Enter** button to update the right software.

HDMI CEC

Press ▼ / ▲ button to select HDMI CEC, then press **Enter** button to enter the sub-menu.



CEC Control

Press ◀ / ▶ button to turn the CEC Control on or off.

Audio Receiver

Press ◀ / ▶ button to turn the Audio Receiver on or off.

Device Auto Power Off

Press ◀ / ▶ button to turn the Device Auto Power on or off.

TV Auto Power On

Press ◀ / ▶ button to turn the TV Auto Power On on or off.

Device List

Press **Enter** button to show list of device.

Device Menu

Press **Enter** button to enter the menu of device.

EPG

Press EPG button on remote control to enter EPG menu page.



Press UP/DOWN navigation button to select preferred program.
Press LEFT/RIGHT navigation button to switch between left column and right column.

When a program is highlighted (cursor moved to right column):
Press **RED** button to record program.
Press **GREEN** button repeatedly to set a reminder.
Press **YELLOW** button to display program guide of previous day.
Press **BLUE** button to display program guide of next day.

FAVOURITE LIST

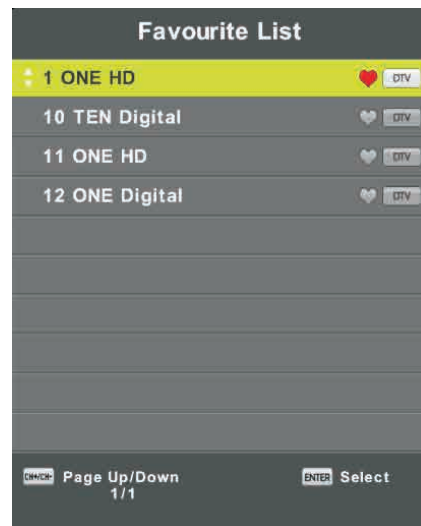
When viewing an available channel, press FAV button on remote control to enter Favourite List menu page.

Press **UP** or **DOWN** navigation buttons to select preferred channel.

Press **OK** button to confirm the selection.

NOTE:

To add a favorite channel, please refer to the operations of "DTV Mode > Channel > Programme Edit" on page 6.



Quick select

When viewing an available channel, Press **OK** button on remote control to enter Channel List menu page.

Press **UP** or **DOWN** navigation buttons to select preferred channel.

Press **LEFT/RIGHT** navigation buttons to select a channel group.

Press **OK** button to confirm the selection.



Screen Menu

Press **MENU** button to display the main menu.
Press **◀ / ▶** button to select **SCREEN** in the main menu.



1. Press **▼ / ▲** button to adjust the **SCREEN** menu.
2. Press **Enter** button to adjust.
3. After finishing your adjustment, Press **Enter** button to save and return to the previous menu.

Auto Adjust

Press **Enter** button to start adjusting automatic **H-Offset/V-Offset/Size/Phase**.

H-Offset

Adjust the horizontal position of the picture.

Press **▼ / ▲** button to select **H-Offset**, then press **Enter** button to enter sub-menu.

V-Offset

Adjust the vertical position of the picture.

Press **▼ / ▲** button to select **V-Offset**, then press **Enter** button to enter sub-menu.

Size

Adjust the display size.

Press **▼ / ▲** button to select **Size**, then press **Enter** button to enter sub-menu.

Phase

Adjust the horizontal interfering lines.

Press **▼ / ▲** button to select **Phase**, then press **Enter** button to enter sub-menu.

Position Reset

Press **▼ / ▲** button to select **Position Reset**, then press **Enter** button to enter.

Notes:

1. Noise Reduction in PICTURE option is invalid.
2. AD Switch in SOUND option is invalid.
3. TIME menu and description are the same as that for Air mode.
4. Block Program and Parental Guidance in LOCK option is invalid.
5. Audio Languages, Subtitle Language, Hearing Impaired and PVR File System in SETUP option is invalid.
6. PC mode has no CHANNEL menu.

Media OPERATION

Note: Before operating **Media** menu, Plug in USB device, then press SOURCE button.

Press ▼ / ▲ button to select **Media** in the Source menu, then press **Enter** button to enter.



Press ◀ / ▶ button to select the type of media you wish to view in the **Media** menu, then press **Enter** button to enter.

Press ◀ / ▶ button to select C, then press **Enter** button to view the contents of the USB device.

Photo Menu

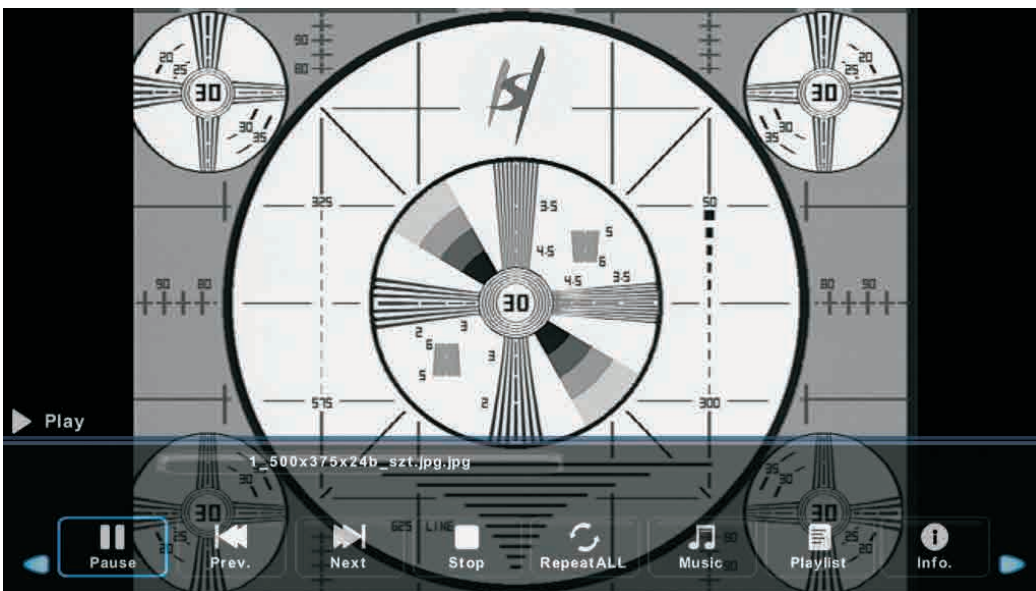
Press ◀ / ▶ button to select PHOTO in the main menu, then press **Enter** button to enter.

Press **Exit** button to return to the previous menu.



Press ◀ / ▶ button to select the desired file to watch in the file selecting menu, then press **Enter** to display the picture.

When highlighting a photo, the file information will appear on the right and the picture will be previewed in the center.



Music Menu

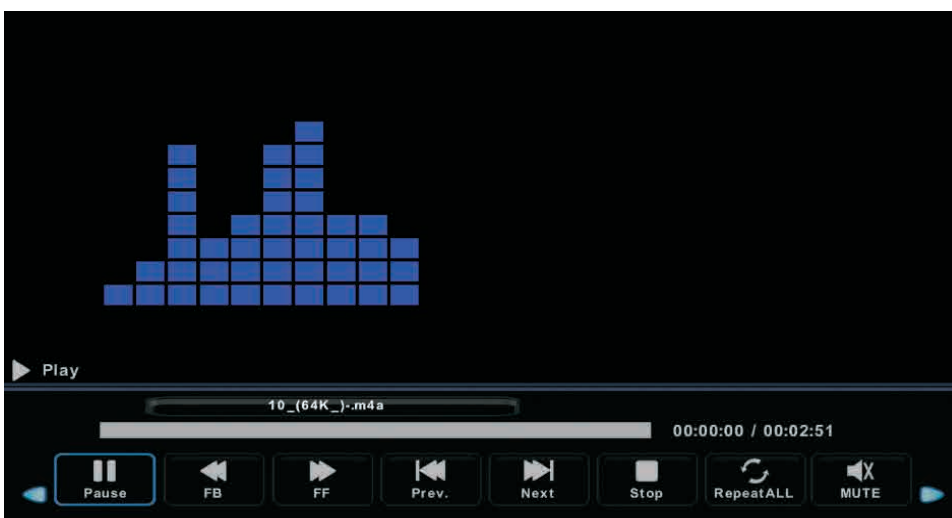
Press ◀ / ▶ button to select MUSIC in the main menu, then press **Enter** button to enter.

Press **Exit** button to return to the previous menu.



Press ◀ / ▶ button to select drive disk you want to watch, then press **Enter** button to enter.

Press ◀ / ▶ button to select return option to the previous menu.

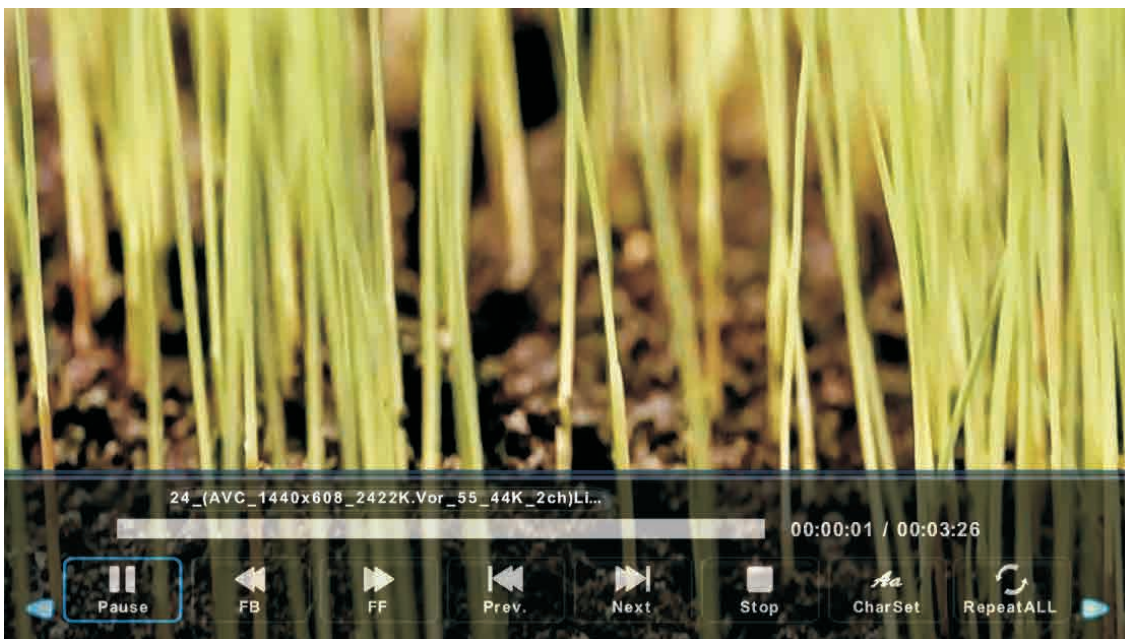


Movie Menu

Press ◀ / ▶ button to select MOVIE in the main menu, then press **Enter** button to enter.
Press **Exit** button to return to the previous menu.



Press ◀ / ▶ button to select desired drive disk, then press **Enter** button to enter.
Press **Enter** button to play the selected movie.
Press **Display** button to open the menu. Press ◀ / ▶ button to select a function, then press **Enter** button to enter.
Press **Exit** button to return to the previous menu.



Text Menu

Press ◀ / ▶ button to select TEXT in the main menu, then press **Enter** button to enter.

Press **Exit** button to return to the previous menu.



Press ◀ / ▶ button to select drive disk, then press **Enter** button to enter.

Press ◀ / ▶ button to select return option to change pages.

Press **Display** button to open the menu. Press ◀ / ▶ button to select a function, then press **Enter** button to enter.



Install Wizard

WELCOME PAGE

When the TV is first powered up, the Welcome Page will be shown. Press ▼ / ▲ buttons to select. Press **Enter** button to confirm. Press **Enter** to continue.

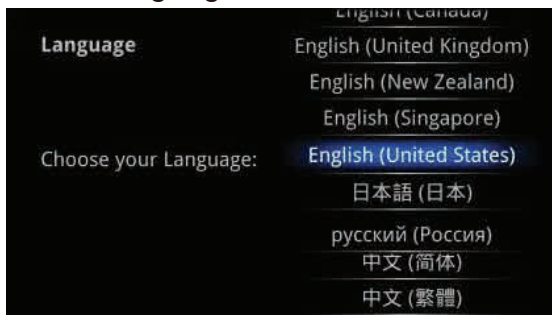


+Reminder

To skip this wizard, press "HOME" key. Once this guide is used, it will not auto-open again.

Setup page

Select Language:



Select network type:

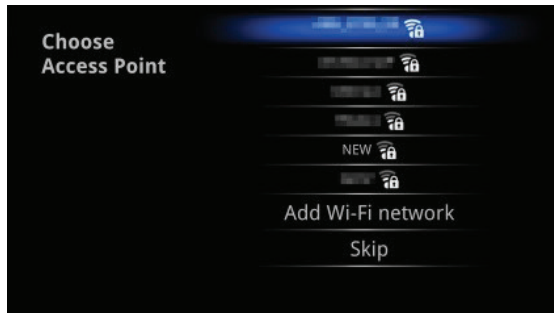


+Reminder

If you do not want to choose your network, skip this step by pressing "SKIP". You will also find the network settings in the "Settings".

Install Wizard

Select Wireless Network (Wi-Fi)

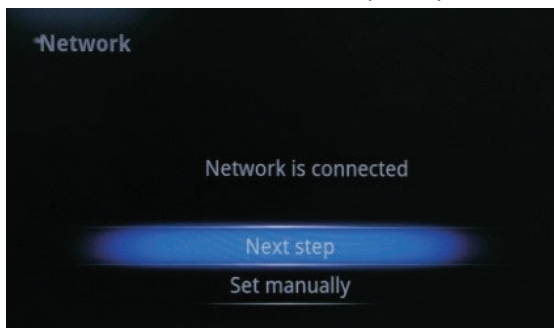


+Reminder

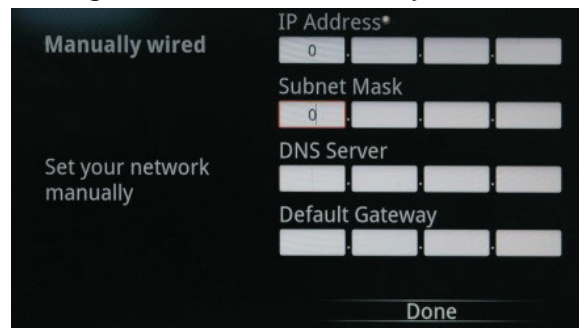
If you choose 'Wi-Fi', select a Wi-Fi Access Point

If you choose 'Ethernet', the screen will show Ethernet connection status.

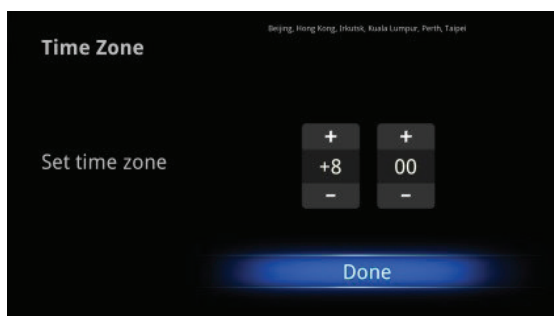
Select Ethernet network (LAN)



Configure Ethernet manually



S



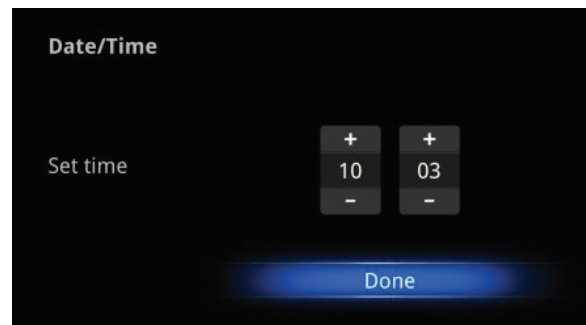
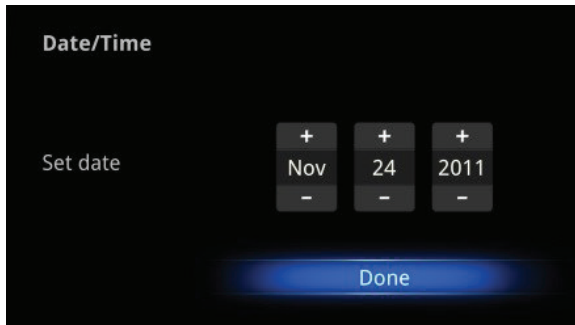
+Reminder

If network is not connected, setup the date and time manually.

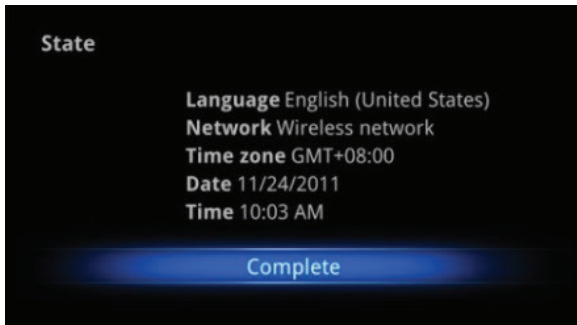
Install Wizard

Setup page

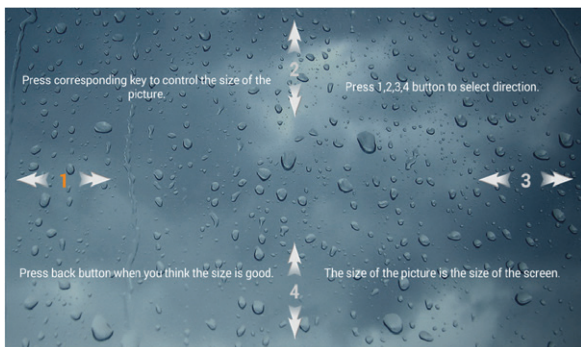
Setup Date/Time manually



Configuration



Adjust screen size, using the arrow buttons on remote control.

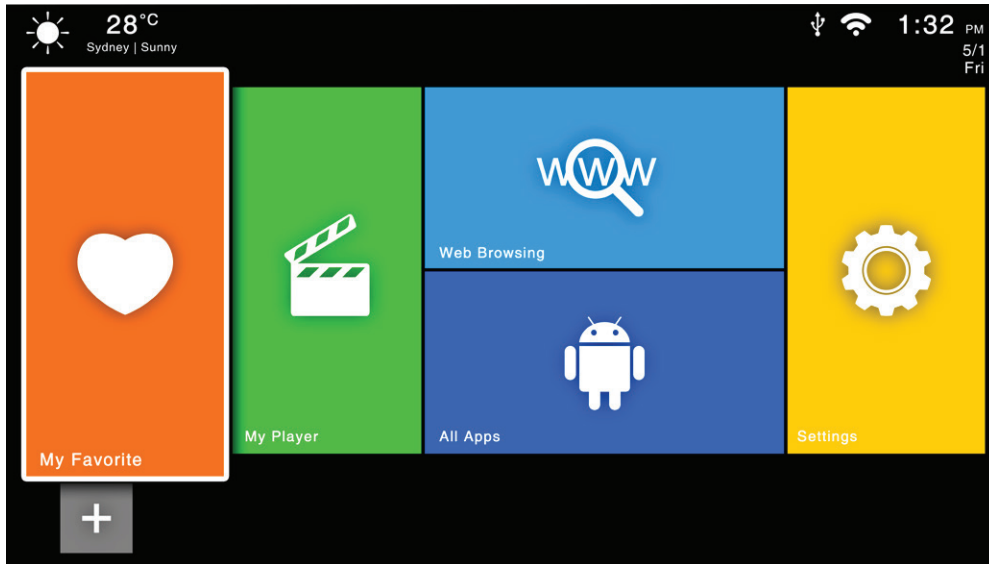


When you are finished, press **Exit** button.

Main Launcher

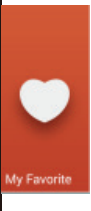

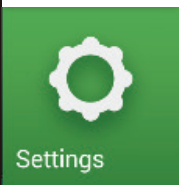
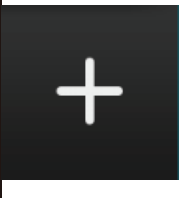
Main Launcher

Press the arrow buttons ◀/▶ ▲/▼ to select the icon and press “enter” to enter the sub-screen.

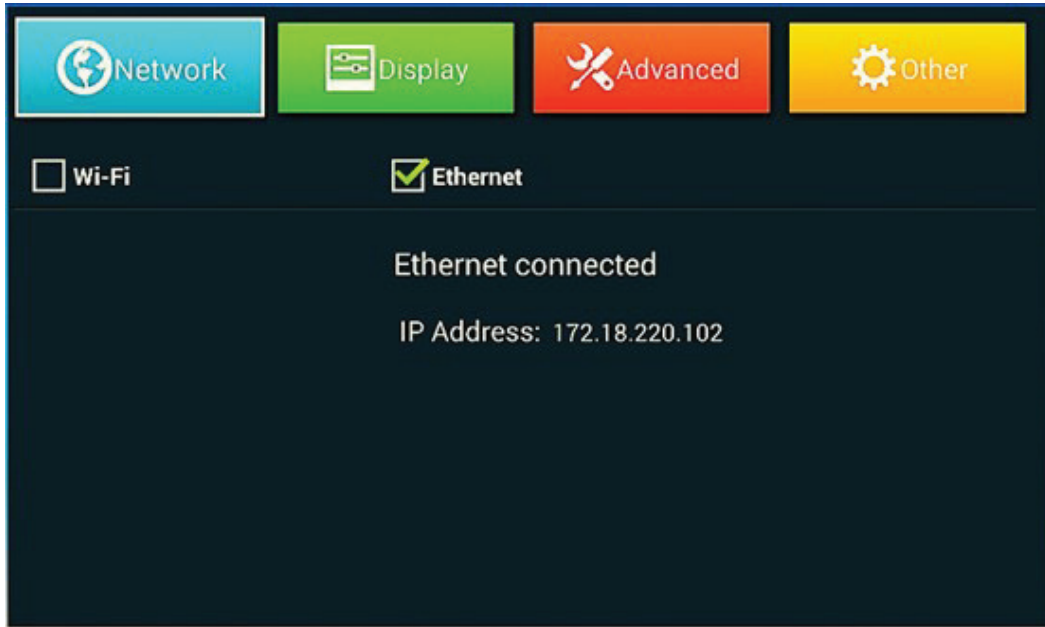




FUNCTION	DESCRIPTION
	Time information (You can set time information in the settings); USB/Ethernet/WiFi Function status (White for working, grey for standby).
	Display list of all installed apps
	The Browser tab contains bookmarks and a search bar. You can search for information and watch online TV, etc.

Main Launcher

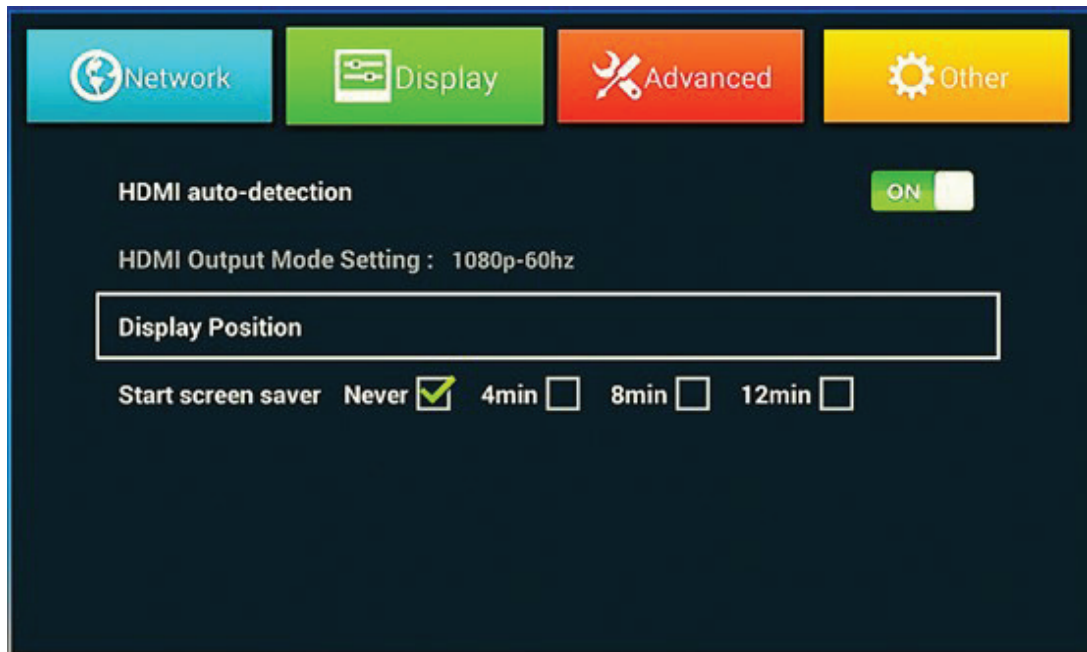
FUNCTION	DESCRIPTION
	Add your favorite APPS to this directory.
	Add your media players to their directory.
	The Settings screen contains most of the customizing and configuration options, such as language, aspect ratio and network settings.
	Create APP shortcuts on the main launcher.

Network



Settings	Generation introduction
Wi-Fi settings 	Turn on/off Wi-Fi If on, a list of Wi-Fi access points will be displayed.
Ethernet 	Turn on/off Ethernet If on, the IP address is automatically obtained by DHCP.

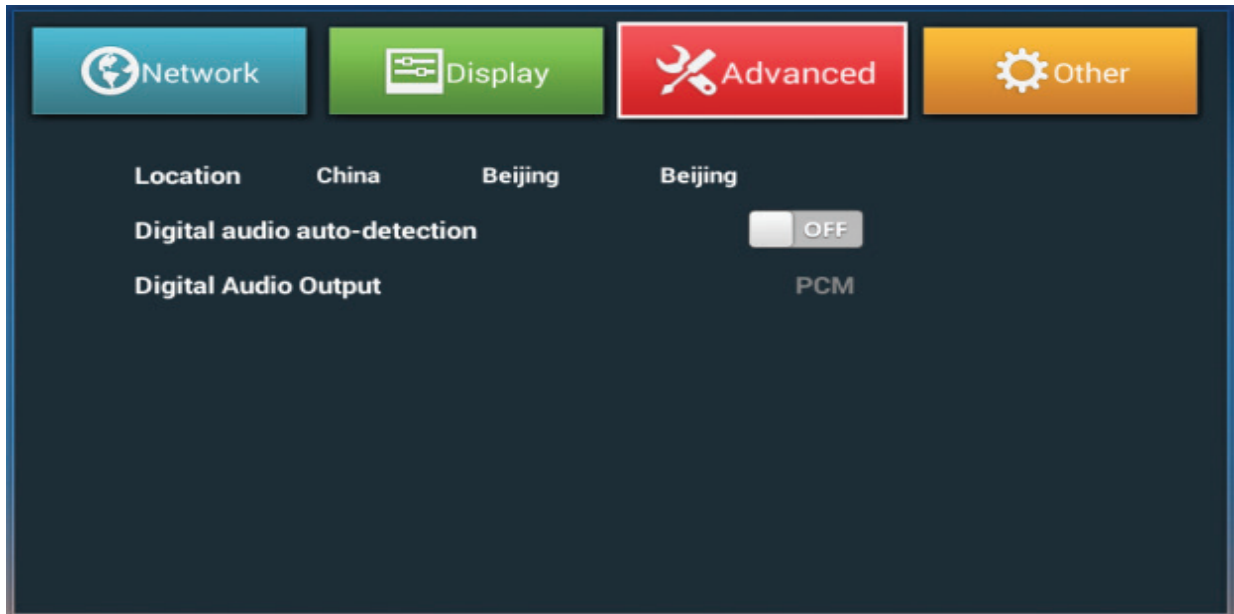
Display



Settings	Generation introduction
HDMI auto-detection	Automatically selects the best resolution of the HDMI output.
Display Position	Set the screen display range.
Start screen saver	Set the screen saver time.

Main Launcher

Advanced

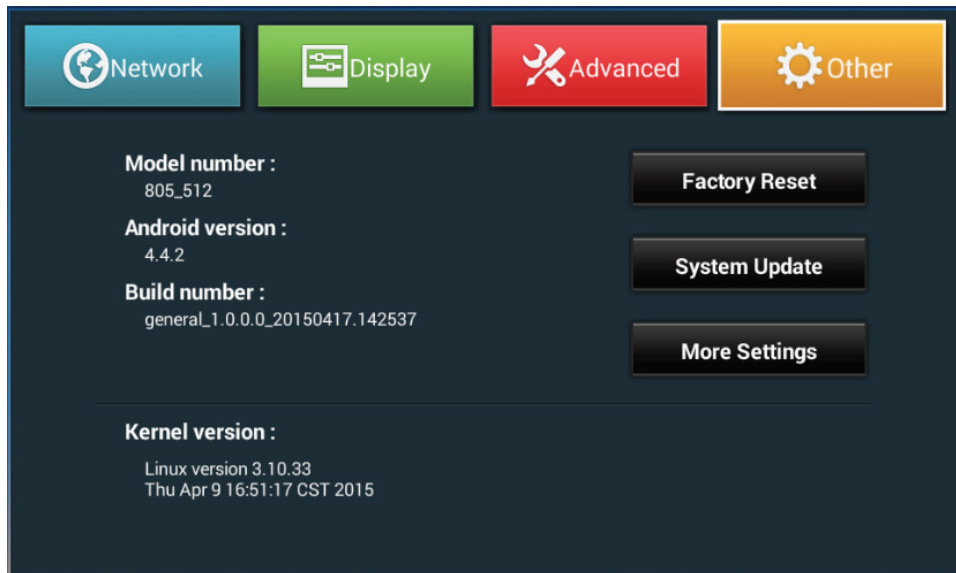


Settings	Generation introduction
Location	Set country Set state Set city
Digital audio auto-detection	Select the digital audio output automatically according to the HDMI output device.
Digital Audio Output	Manually select digital audio output: PCM/HDMI pass through.

Main Launcher

SETTINGS

Other



Settings	Generation introduction
Factory Reset	Restore factory default (Apps will be last).
System Update	Update system via update.zip from USB flash drive.
More Settings	Enter advanced settings menu.
<p>Model number : 805_512</p> <p>Android version : 4.4.2</p> <p>Build number : general_1.0.0.0_20150417.142537</p> <hr/> <p>Kernel version : Linux version 3.10.33 Thu Apr 9 16:51:17 CST 2015</p>	<p>Version Info</p> <p>Model number</p> <p>Android Version</p> <p>Kernel Version</p> <p>Build number</p>

Install from USB Flash Drive

1. Open the "File Browser".
2. Choose your USB flash drive or any other mass storage's folder.
3. Find your application, and press Enter.
4. Select Install.
5. You can find the application in "ALL Apps" after installation.

Download & install from Browser

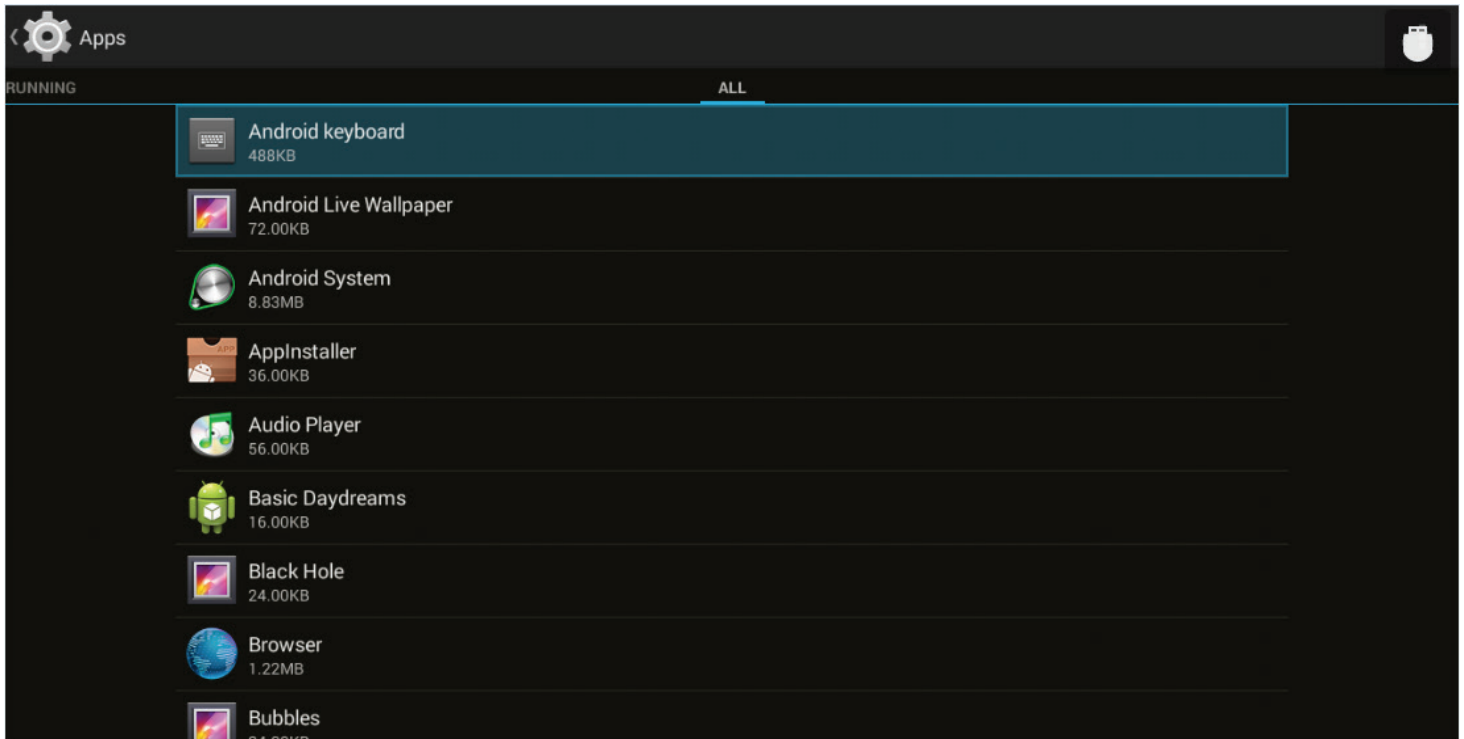
1. Open the Browser.
2. Press search key and input your website address.
3. Download the APK file you wish to install if there is a link for download.
(If you have problems with downloading, please make sure there is enough space in your internal storage).
4. Open the File Browser.
5. Chose Internal Memory.
6. Find your application and press Enter.
7. Select Install.
8. You can find the application in "All Apps" after installation.

Install from AppInstaller

1. Open the AppInstaller
2. Find the icon of the application, and enter it
3. Press the install button
4. You can find the application in tab "Apps" after installation

Main Launcher

HOW TO DELETE AN APP



Remove Applications

1. Enter "More Settings"
2. Enter "APPS"
3. Find the application you want to remove under the "All" tab
4. Press Enter, then select Uninstall
5. Select "OK" to confirm uninstall

Main Launcher

Browser



- Select the search bar, input the URL or search content and press Enter
- Or select a website from the list

Using a mouse (not incl).

- Left click
Click to confirm entering or choosing
- Right click
Click to back
- MouseWheel
In webview: Scroll up/down

DVD

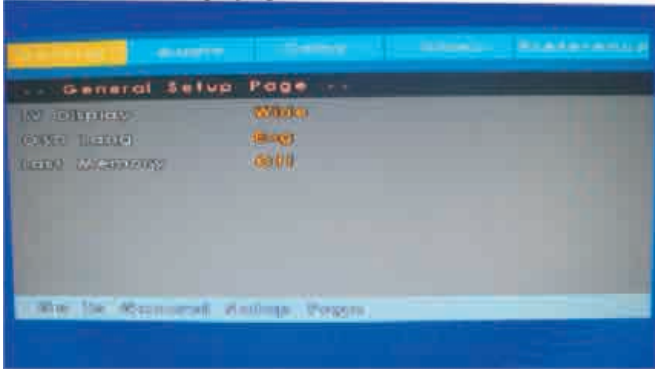
The DVD settings menu is accessed by pressing the **D.Setup** button.

Press **▼ / ▲ / ◀ / ▶** to navigate the OSD Menu.

Press **Enter** to confirm the change.

Press **D.Setup** to leave the OSD Menu.

1. General Settings page



TV Display

Some DVD discs have been authored in 4:3 aspect ratio format. To see the material in its original mode, you may need to change the Aspect ratio.

Pan & Scan (4:3)

The sides of the screen will be black.

Letterbox (4:3)

Top and bottom of the screen may be black.

Wide 16:9 (Widescreen)

Normal viewing mode.

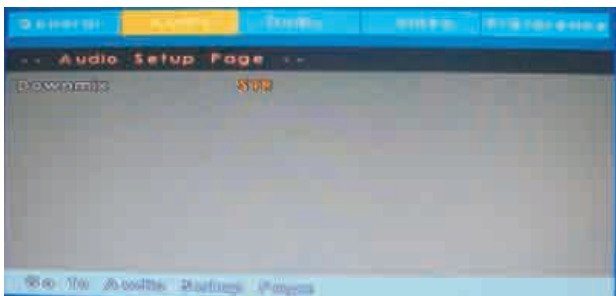
OSD Language.

Select the OSD Language (English is default).

Last Memory. ON/OFF.

When you stop the disc, the player will automatically remember the point it finished playing. When the disc is re-inserted, the player will continue from the same point.

2. Audio Setup



Press D.Setup button on the remote control during DVD playback.

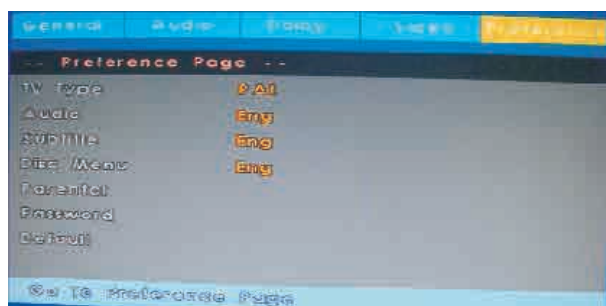
Press **▶ / ◀** until the audio setup page is shown.

Downmix:

LT/RT: Mono audio during DVD playback.

Stereo: Stereo audio during DVD playback.

6. Preference Setup



1. TV Type

Select the colour type from PAL, AUTO or NTSC.

2. Audio

Please select the preferred language for DVD audio.

- 1) The selected language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.
- 2) Languages vary between discs, depending on the DVD. You can also select alternative languages by pressing the AUDIO button on the remote

3. Subtitle

Selects the preferred language for subtitles recorded on Discs.

You can also select alternative subtitle languages by pressing the **S.Title** button on remote.

4. Disc Menu:

Select the preferred language for the disc menu recorded on the Discs. This choice varies between Discs.

5. Parental

It is possible to restrict playback of certain Discs, based on the rating of the disc. This function is password protected.

Note: If you play discs that do not support the Parental Control function, the DVD player cannot restrict access to the disc.

6. Password

Change the password. The default password is 0000.

7. Default

Restore the DVD settings to factory default settings.

Model Number	NCE24LEDSMTCOMB	NCE28LEDSMTCOMB
Description	24" FHD Smart TV DVD Combo	28" HD Smart TV DVD Combo
TV System Mode	DVB-T/PAL	DVB-T/PAL
Feature		
Diagonal	23.6" / 60cm	28" / 70cm
Screen Ratio	16:9	16:9
Resolution	1920*1080(Full High Definition)	1366*768(High Definition)
Brightness(app)	250	220
Real Contrast ratio	3,000:1	3,000:1
Response Time(MS)	8.5	6.5
Signal Capability	1080P/1080i/720P/576P/480P	1080P/1080i/720P/576P/480P
Wide Viewing Angle(Horizontal/ Vertical degree)	176/176	178/178
Freeze Picture	Yes	Yes
Noise Reduction	Yes	Yes
Hotel Lock	Yes	Yes
Parental Lock	Yes	Yes
Headphone Jack	Yes	Yes
Build-in HD Turner	MPEG 2/4 Decoding	MPEG 2/4 Decoding
DVD Build-in	Yes	Yes
PVR Function(through USB Inputs, USB Sold Separately)	Yes	Yes
Sound		
Speaker	2x3 W Speaker Build-in	2x3 W Speaker Build-in
Speakers Location	Integrated(bottom)	Integrated(bottom)
Input/Output		
USB (incl Network USB)	3	3
HDMI	2	2
YPBPR(Mini)	1	1
VGA(PC input)	1	1
Video(Mini)	1	1
COAX Output	1	1
Audio Input(RCA)	Yes	Yes
Others		
Power Consumption(W)	≤42	≤48
Voltage Range)	12V DC/240V AC	12V DC/240V AC
Standby Power Consumption	≤0.5W	≤0.5W
12V Compatible (Car Apaptor included)	Yes	Yes
Wall Mounting Hole Pattern (Horizontal/ Vertical .MM)	100*100	100*100
TV Stand Dimension(L*W*H.MM)	165*33*72	211*45*87
Stand Net Weight(G)	30	43
TV stand Type	Feet	Feet
Net Dimension with stand(L*W*H.MM)	552*165*358	635*211*422
Net Dimension without stand(L*W*H.MM)	552*54*325	635*87*379
Packing Dimension(L*W*H.MM)	634*95*376	719*150*450
Net Weight(KG)	4	4
Gross Weight(KG)	5	6
Signal Support		
USB Format for Movie (max display resolution 1920*1080)	MPG,AVI,TS,MKV,MP4,VOB DAT,MOV	MPG,AVI,TS,MKV,MP4,VOB DAT,MOV
USB Format for Photo(max display resolution 3000*3000)	BMP,JPG,JPEG,PNG	BMP,JPG ,JPEG,PNG
USB Format for Music(Sample Rate:8-48 , Bit Rate ; 32-320K)	MP3,M4A ,AAC	MP3,M4A ,AAC
Computer Supported Resolution	640*480@ 60Hz,800*600@ 60Hz,1024*768@60Hz,1920* 1080@60Hz	640*480@ 60Hz,800*600@ 60Hz,1024*768@60Hz,1366* 768@60Hz
What is included in the box		
	NCE24LEDSMTCOMB	NCE28LEDSMTCOMB
	Remote Control	Remote Control
	Power Cable	Power Cable
	User Manual	User Manual
	12V Car lead	12V Car lead



NCE CUSTOMER SUPPORT HOTLINE

1300 - 088 - 950

Monday to Friday - AEST 9AM - 5PM