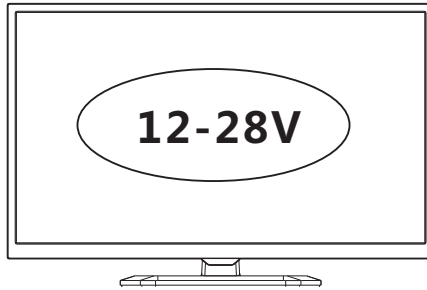
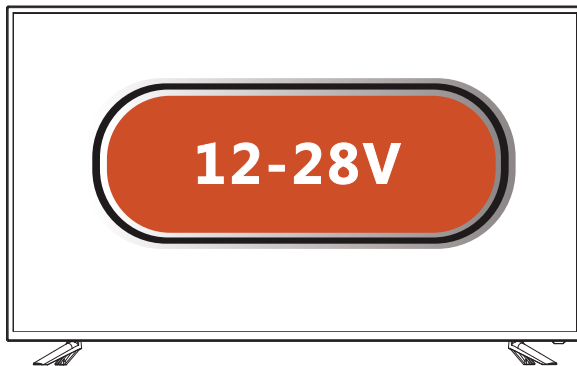


USER MANUAL



LEW22BA22DB
LEW24BA22DB



LEW32EA22DB



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IMPORTANT SAFETY INSTRUCTIONS



TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

Read this Manual

Read this manual thoroughly before operating the unit.

Keep this manual

Keep this manual for future reference.

Observe all warnings

All warnings on the product and in the manual must be observed closely.

Follow all instructions

All operating instructions in the manual must be followed.

Do not insert liquids or objects

Liquids or objects could result in fire or electrical shock. Use special caution in households where children are present. If liquids or objects should enter the LED TV, immediately turn off the power switch, disconnect the power plug from the AC outlet and contact the qualified service personnel.

- Do not place the LED TV near the bathtub, bathroom, kitchen sink, wet basement or swimming pool, and the like.
- Do not expose the LED TV to rain or moisture.
- Do not place flower vases, pots, cups, cosmetics, liquids as water, etc on or around the LED TV.
- Do not place metals, combustibles, etc on or around the LED TV.
- Do not drip or splash liquid of any kind on the LED TV.

Do not give the LED TV any shock or impact

If the LED TV should be dropped and/or broken, it could result in an injury, and continued use could result in fire or electrical shock.

If the glass panel is broken or damaged, immediately turn off the power switch, disconnect the power plug from the AC power outlet and contact the qualified service personnel.

Prevent the unit from falling

- Fasten the LED TV to a wall using a cord or chain which is sufficient to support the weight of the LED TV. Before moving the LED TV, the cord or chain should be removed.
- Do not allow children to climb on the LED TV.
- Do not place the LED TV on a bed, sofa, rug, similar surface. Do not place the LED TV on an unstable cart, stand, or table. The LED TV may fall, causing serious damage to the LED TV and/or serious personal injury, death.
- When the product is used on a trolley, care should be taken to avoid quick stops, excessive force, and uneven surfaces that may cause the product and trolley to overturn.

IMPORTANT SAFETY INSTRUCTIONS

Do not block any ventilation openings

- The vents and other openings in the cabinet are designed to let hot air escape from the LED TV. Do not cover or block these vents and openings since insufficient ventilation can cause overheating. Do not place the LED TV on a bed, sofa, rug or other similar surface, since they can block ventilation openings, it may overheat and result in fire.
- Do not cover the LED TV with cloth, such as curtains, or items such as news paper, etc.
- This unit is not designed for built-in installation, do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.

Avoid high temperature environment

The heat adversely affect the LED TV and other parts, and could result in serious overheating or risk of fire.

- Do not place the LED TV, the remote control and other parts in direct sunlight or near a hot object such as heater, etc.
- Do not put the LED TV in a place where the temperature is widely changing.
- To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Avoid oils

Do not install the LED TV in a place that uses oil. Dust absorbing oil may enter into the unit and damage the unit.

Power cord protection

Incorrect connection of the power cord could result in fire or electrical shock.

- Do not connect too many appliances to the same mains socket as this could result in fire or electrical shock.
- The apparatus shall be connected to a mains socket outlet with a protective earthing connection.
- The socket outlet for connecting mains plug shall be easily accessible and remain readily operable.
- Do not overload wall outlet as this can result in fire or electrical shock.
- Check that the connecting portion of the AC power cord is clean (with no dust), before using. Use a soft and dry cloth to clean the power plug.
- AC power cord should be routed so that they are not likely to be walked on or pinched by items placed upon or against it. Also do not put any heavy objects on the AC power cord.
- Do not touch the AC power cord with a wet hand.
- Pull out the AC power cord by the plug. Do not pull on the power cord.
- Insert the power plug into a power outlet firmly. Avoid using a loose, or damaged outlet.
- Do not pinch, bend, or twist the cable excessively. The core lines may be bared or cut, causing a short-circuit which may induce fire or electrical shock.
- For your own safety, do not touch any part of the unit, power cord or aerial lead during lightning storms.
- Do not modify the AC power cord.
- Disconnect the power cord if the LED TV is not used for a long time.
- Switch off and withdraw the power plug before making or changing connections.
- The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

Handling and cleaning the screen surface of display unit

To avoid screen degradation, follow points mentioned below. Do not push on or scratch with hard objects, or throw anything at the screen. The screen may be damaged.

- Be sure to unplug the power cord from outlet before cleaning.
- Do not touch the display panel after operating continuously for a long period as the display panel becomes hot.
- We recommend that the screen surface is touched as little as possible.
- To remove dust from the screen surface, wipe gently with a clean, soft and cotton-free dry cloth.
- Do not use any type of abrasive pad, alkaline/acid cleaner or strong solvent such as alcohol, thinner or benzene etc, as the surface may be impaired.

Cleaning the cabinet

- Be sure to unplug the power cord from the outlet before cleaning.
- Clean the cabinet with a soft cloth.

IMPORTANT SAFETY INSTRUCTIONS

- Note that material deterioration or screen coating degradation may occur if the display unit is exposed to a volatile solvent, such as alcohol, thinner, benzene or insecticide, or if prolonged contact is maintained with rubber or vinyl materials.

Carrying and moving

- Be sure to always carry the LED TV by two people holding it with two hands, one hand on each side of the LED TV. If you carry the unit in a manner other than that specified, it may drop and a serious injury may be caused.

Servicing

Do not open the cabinet or remove the rear cover of the unit. If any of the following conditions occurs, unplug the AC power cord from the AC outlet, and contact qualified service personnel.

- When the power cord or plug is damaged.
- When the LED panel is damaged.
- When the liquid is spilled on the unit or when objects have fallen into the unit.
- When the unit has been exposed to rain or water.
- If the unit has been dropped or the cabinet has been damaged in any way.
- If the unit does not work properly even after you have referred to the **TROUBLESHOOTING** section.

Replacement parts

- In case the unit needs replacement parts, make sure that the service personnel uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electrical shock and/or other danger.
- Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the unit is in proper operating condition.

WARNING: Excessive sound pressure from earphones and headphones can cause hearing loss.

Other notices

- Sometimes, the image may have some tiny red, green, blue, white or black spots. This is normal and does not affect the performance of the LED TV.
- Due to advanced technology of the LED TV, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green, or red. Please note that this does not affect the performance of your LED TV.
- If the unit is used in a cold place, a smear may occur in the picture or the picture may become dark. This does not indicate a failure. These phenomena improve as the temperature rises.
- In some case, residual images may remain after the short-term display of still images is displayed. These will disappear in a few minutes, and the display will return to normal. However, if used in high temperatures, it sometimes spends some tens of minutes to return to normal. Please note that this is not a malfunction.
- LED panel are made of finely processed glass, so please avoid pushing hands or a strong impact on the panel. It may cause damage to the LC cells, and/or there is danger of glass breakage.
- Do not use immediately after moving from a low temperature to a high temperature environment, as this causes condensation, which may result in fire, electrical shock or other danger.

PACKAGE CONTENTS

Your LED TV package includes:

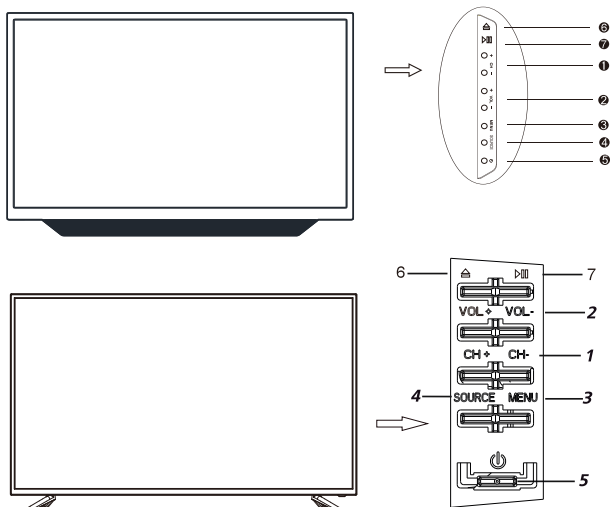
- | | |
|----------------------------------|------------------|
| 1. LED TV | 8. DC Power Cord |
| 2. Remote control | |
| 3. User Manual | |
| 4. Mini AV cable | |
| 5. Plastic Stand | |
| 6. Screws: PT, Φ 4x12, 2pcs | |
| 7. Batteries, 2pcs | |

Note:

Your product may also include various other accessories depending on region of purchase.

LOCATION AND FUNCTION OF CONTROLS

FRONT PANEL



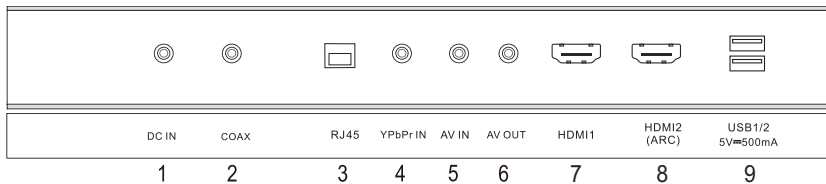
Item	Button Name	Description
①	CH+/-	When you are watching the TV program, press these buttons to select channel in ascending or descending order. Select the upper or lower menu item in the OSD menu.
②	VOL+/-	Increase or decrease the volume. Adjust the values of the selected menu item in the OSD menu.
③	MENU	Enter or exit from the menu.
④	SOURCE	Select an input signal
⑤	⏻	Switch on the LED TV when at standby mode or vice versa.
⑥	⏏	Eject the DVD disk
⑦	▶⏸	Play/Pause

⚡ Note:

If there is no signal input for over 15 minutes, or no operation for over 180 minutes, the LED TV will switch to standby automatically, the power indicator will light up in blue.

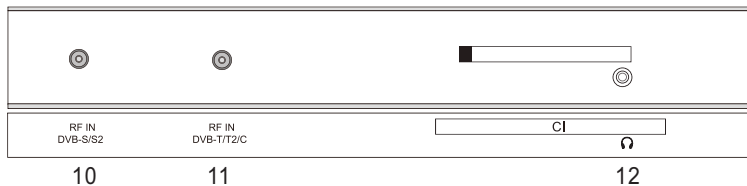
CONNECTION AND TERMINALS

REAR PANEL



- | | |
|----------|--------------|
| 1.DC IN | 2.COAX |
| 3.RJ45 | 4.YPbPr IN |
| 5.AV IN | 6.AV OUT |
| 7.HDMI 1 | 8.HDMI2(ARC) |
| 9.USB1/2 | |

SIDE PANEL

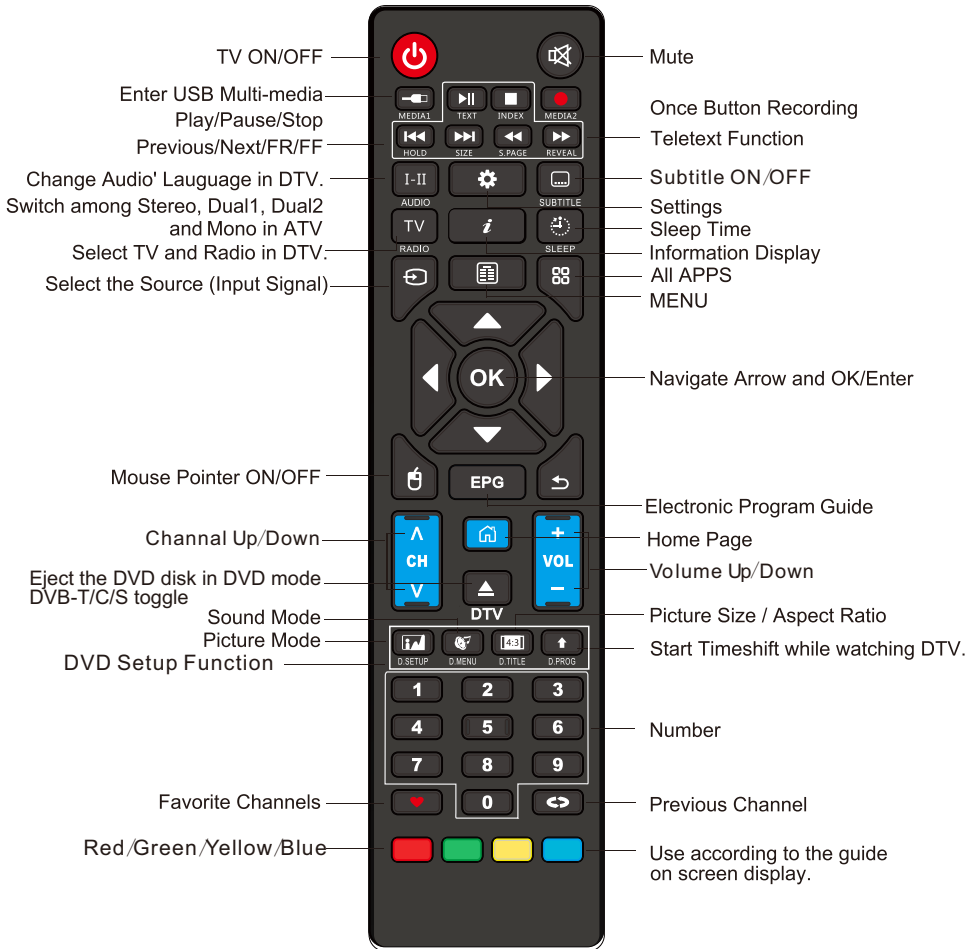


- 10.RF IN DVB-S/S2
12.Headphone

- 11.RF IN DVB-T/T2/C



Remote Control Key Functions



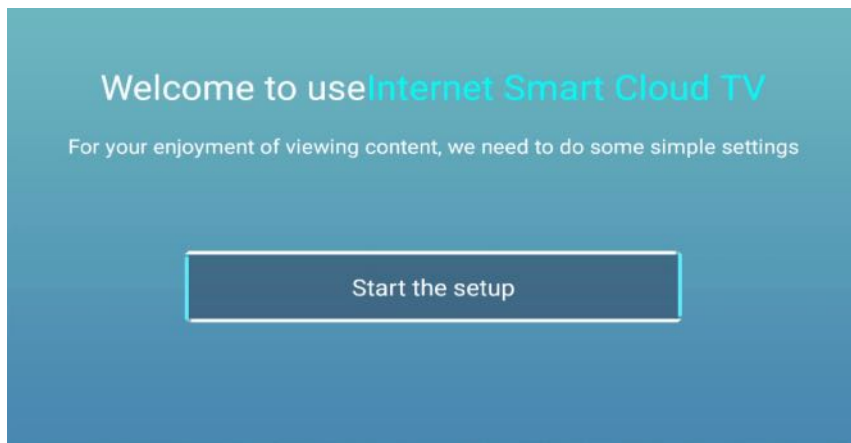
FIRST TIME INSTALLATION

First Time Installation also can be activated in the **SETUP** menu.

Note: If you do First Time Installation and select Auto Tuning, all TV programs will be update, but you can select "Yes" to install the factory preset channel lists during the installation.

Start.

Connect an RF cable from the TV's input called "RF-In" and to your TV Aerial socket
Press **ENTER** button to select the Start the setup.



Step1.

Press **【▼】 / 【▲】** button to select the language.

Press **OK** button to confirm, and press **【▶】** button to next step.



Step2.

Press 【▼】 / 【▲】 button to select the country.

Press **OK** button to confirm, and press 【▶】 button to next step.



Step3.

Press 【▼】 / 【▲】 button to select the time zone.

Press 【▶】 button to next step.



Step4 .

Press **OK** button to connect the WIFI/network.

Press 【▶】 button to next step.



Step5.

Use your mobile phone to scan the 2D code to connect the TV Assistant.
(Refer to Eshare document for details)

Press **【▶】** button to next step.



Step6.

Press **【▼】 / 【▲】** button to select the input source.



If choose Home Page, please find“ Home Page and Quick tips” in the next page.

If choose TV, please continue to select TV Searching according to the guide on screen display.

Depending on your country, different Antenna Type and the operator have different scan mode.


Antenna Type	Scan Mode
Air	Analog/Digital DVB-T Manual Scan and Auto Scan
Cable	Analog/Digital DVB-C Manual Scan and Auto Scan
Satellite	Digital Manual, Blind, Network, Preset, Joyne Scan
Preferred Sat	Fast Scan, CanalDigital

For example.

In Germany, the default satellite searching mode is Preferred Sat--> Deutschland --> Auto scan

In Belgium, the default satellite searching mode is Preferred Sat--> Telesat Belgium--> Auto scan
Telesat Luxembourg
TV VAANDEREN HD
TV VAANDEREN SD

In Denmark, the default satellite searching mode is Preferred Sat--> CanalDital --> Auto scan



Antenna Type

Air

Cable

Satellite

Preferred Sat

Deutschland

OperatorDeutschland

SatelliteAstra 1(19.2E)

Auto Scan>

Setting>

In addition, the normal searching mode is Satellite --> Preset --> Import Completed



Antenna Type

Air

Cable

Satellite

Preferred Sat

Blind

Network

Preset

Blind

Network

Preset

Info

Do you want to use preset channel list?

No

Yes

Congratulations!

TIVUSAT channels import completed.

Home Page and Quick Tips.

Press 【🏠】 button to enter **Home Page**.

Click or move up/down icon to choose any source to start watching.



Navigation Bar

Press ◀ to display the left quick navigation bar on the home page, and press ▼ / ▲ to select Apps/Network/Media/Setting.



Apps

Press **▼** / **▲** / **◀** / **▶** to select Applications, then press **OK** button to enter.

•Tips. Press **⌘** button to directly enter **App List** .

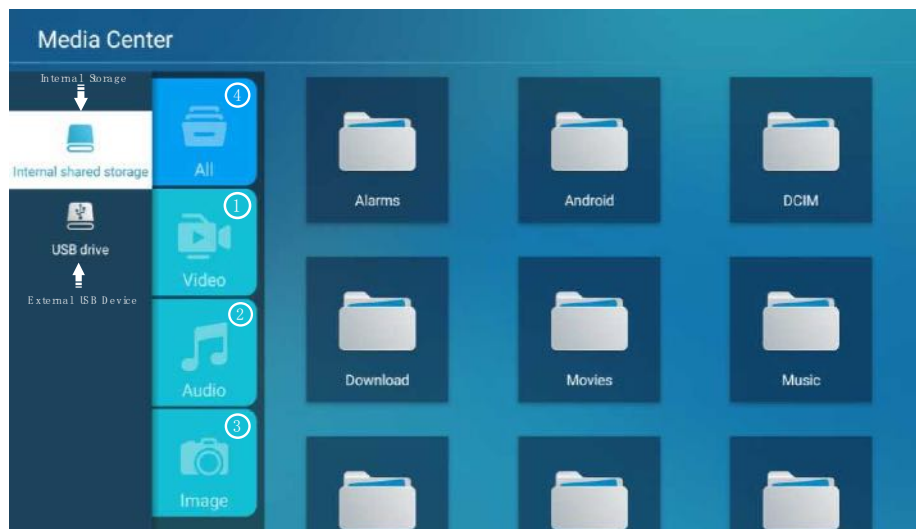


Network

Press **▼** / **▲** button to select **Network**, and press **OK** button to enter **Network Setting**.



Multimedia and Quick Tips



1. Click here to access videos
2. Click here to access musics
3. Click here to access photos
4. Click here to access the folder.

Press UP/DN button to select internal storage and external USB devices.
Play your movies, musics and photos directly on the TV from your storage.

- Tips. Press the " " button on the remote to directly enter the multimedia playback center.

Settings

Press 【▼】 / 【▲】 / 【 】 / 【 】 button to enter Settings .



BLUETOOTH INTRODCITION

The new Bluetooth (BT) is bidirectional that support two functions.

- TV s → Smart Phone : TVs (as a slave device) can receive the data from the Smart Mobile Phone, and the music from the Smart Phone will be played by the TVs.
- TV s → BT Receiver: TVs (as master device) can transmit the data to the BT Power Amplifier , and the TVs' sound signal will be played by the power amplifier.

Note. In order to get a good signal, Bluetooth devices must be with in 10 metres (33feet) of each other.

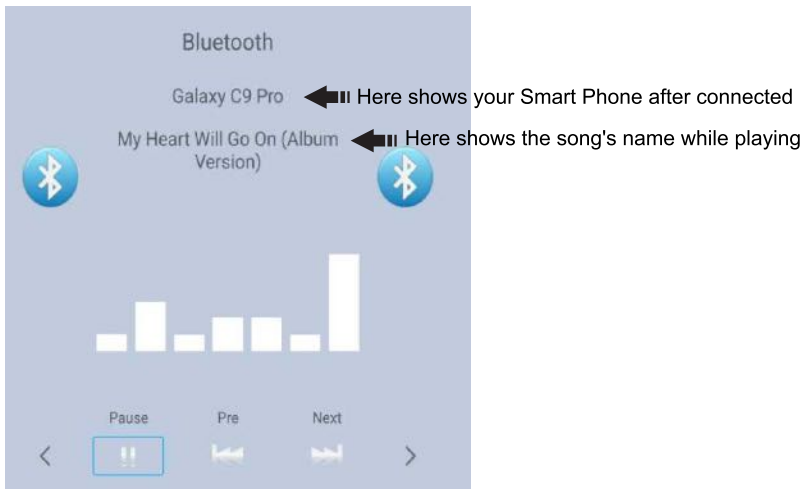
The connection may be affected by obstructions such as walls or other electronic devices.

Part I. ■ Introduction of TVs connect to Smart Phone

Step1.If you want to use TVs as a BT Receiver, please enter App List.



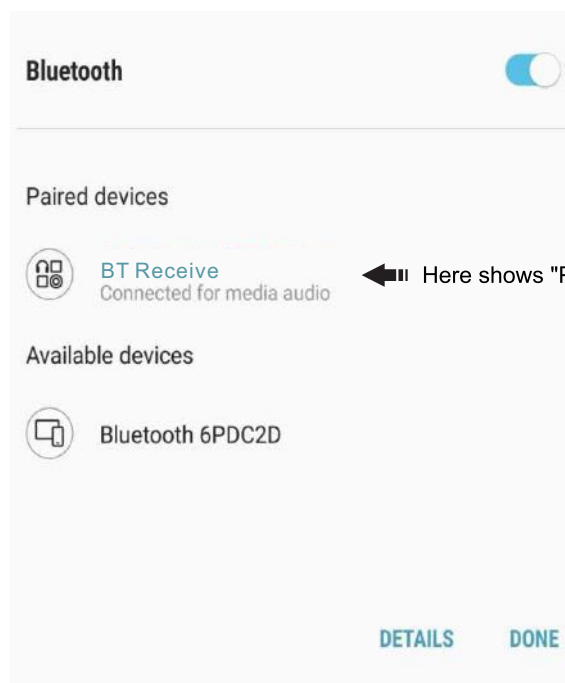
Step2.Click on BT Receive,the TV shows below.



Step 3 . Set up the Bluetooth of your Smart Phone

- Click on Settings of Smart Phone, select Bluetooth and switch on, start scanning the devices nearby.
- After a while, alphatronics BT Receive will be showed in the available devices list, press this device to connect.
- Then, alphatronics BT Receive will be paired and connected successfully. TVs will display below.
- When playing the music on the mobile phone, TVs will display the current mobile BT device and the music name.

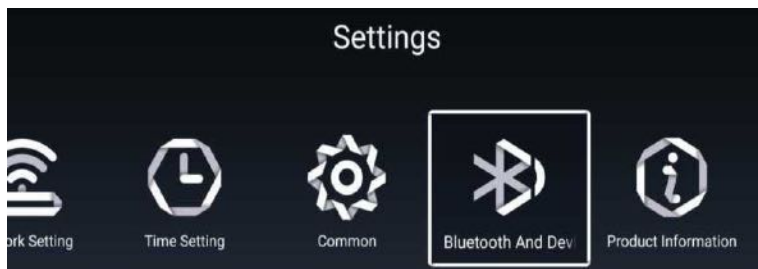
Tips. Press the button ◀/▶ and Enter to Play/Pause the music or select the previous/next music.



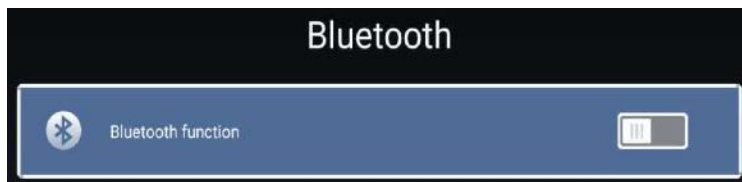
Part 2. ■ Introduction of TVs connect to BT Receiver

The Bluetooth TV can transmitter the stereo audio when you are watching TV,DTV,DVD Player, USB Media playback etc, it is compliant with Bluetooth Specification4.2, supporting Advanced Audio Distribution Profile(A2DP1.3). You can use Bluetooth to make a wireless connection not only with the Audio Amplifier System in order to enjoy great and high quality sound, but also with other compatible Stereo Headset, to enjoy your favourite music on the go in your house or around the RV, and it is a perfect solution for hearing impaired people who have to turn the TV up extra loud.

Step1.If you want to connect your TVs to a BT Receiver,please enter the Settings.



Step2 .Click on Bluetooth and Devices, the TVs shows below.



Step 3. Press OK button on the remote control to switch the Bluetooth on, then search for connectable devices.



Note. Make sure to activate the pairing mode on your compatible device. Generally, the indicator flashes quickly and alternately when the pairing mode is activated.

When the Bluetooth TVs found the device, then will display the device's name.

Step 4. Pair and Connect New Device

Press OK on the device's name, then confirm to connect.

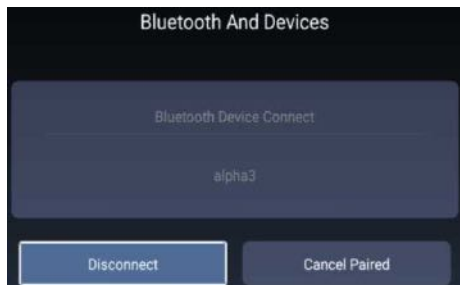


Finally, if connection is ok, and the status "Connected" is displayed.

When the Bluetooth device is connected, the main speakers of the TVs are automatically mute.



If you want to disconnect and delete the device, move the cursor to the device's name and press OK to show below, then press Disconnect or Cancel Paired.

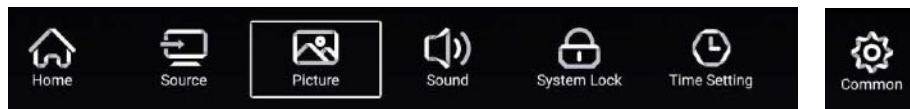


MAIN MENU

Main Menu

Press **【MENU】** button to show the main menu below, the settings include Home, Source, Picture, Sound, System Lock, Time setting, Common.

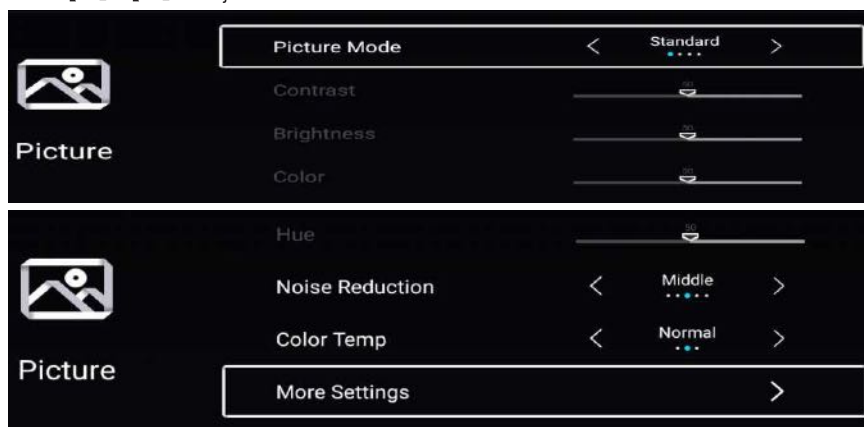
Move the cursor **【◀】 / 【▶】** to select and press OK to enter the setting.



Picture

Press **【◀】 / 【▶】** button to select **Picture** and press OK to enter setting.

Press **【◀】 / 【▶】** to adjust or select.



Picture Mode (Option: Standard, Movie, Vivid, User).

Standard	The default mode, to make users experience high-quality images under normal light.
Movie	This mode is more suitable for watching movies.
Vivid	Image colors more beautiful, more vivid picture.
User	User-defined picture settings.
Contrast	Adjust image contrast.
Brightness	Adjust image brightness.
Color	Adjust image color density.
Sharpness	Adjust the image edge sharpness.

Noise Reduction (Option: Off, Low, Medium, High, Auto).

Setting the option to eliminate image noise intensity.

Color Temp (Option: Cool, Normal, Warm).

Adjust the overall color of the image.

Cool	Produces a gentle blue-hued image.
Normal	Produces a vivid image.
Warm	Produces a red-hued image.

More Settings



DLC Set Dynamic Light Control **Dark/Normal/Bright/Off**.

HDR Set High Dynamic Range Imaging ON/OFF.

Sound

Press **【◀】 / 【▶】** button to select **Sound** and press **OK** to enter setting.

Press **【◀】 / 【▶】** to adjust or select.



Sound Mode (Option: Standard,Music,Theater,News,User).

Standard Produces a balanced sound in all environments.

Music Preserves the original sound.Good for musical programs.

Theater Enhances treble and bass for a rich sound experience.

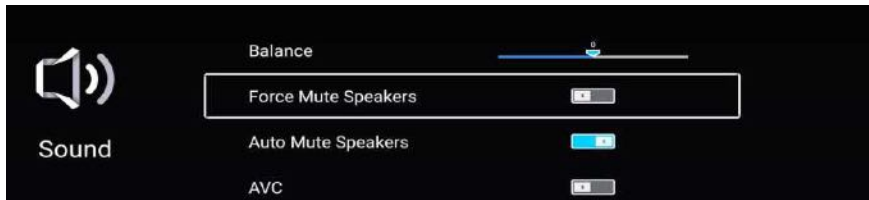
News Enhanced voice.

User Select to customize picture settings.

Bass Adjust the bass.

Treble Adjust the treble.

Balance Adjust the left and right channel output balance.

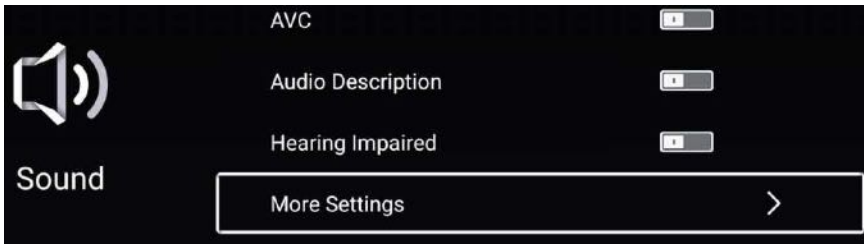


Force Mute Speakers

Set "On" to mute the main speakers especially when plug in the earphone.

Auto Mute Speakers

Set "on" to mute the main speakers automatically especially when Bluetooth is connected ok.
For more details, please refer to "Audio Output Feature".



AVC

After opening the Auto Volume Control ON, it can make the speaker volume remained stable.

Audio Description

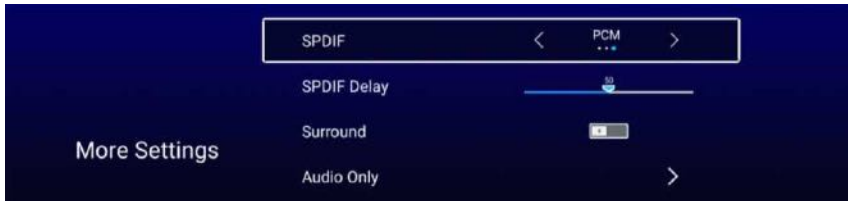
Set ON/OFF. If setting ON, press **【◀】** / **【▶】** to adjust the **AD Volume**.

Hearing Impaired

Set Hearing Impaired ON/OFF.

Note: The Audio Description and Hearing Impaired only available when there is signal for TV.

More Settings



SPDIF (Option: OFF/RAW/PCM.)

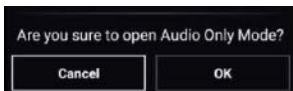
SPDIF Delay Time

Surround

Set Surround ON/OFF to get better sound effect.

Audio Only

Only plays sound without the screen opening displayed in order to save energy. While in s seperate listening, press any button on the remote control to exit.



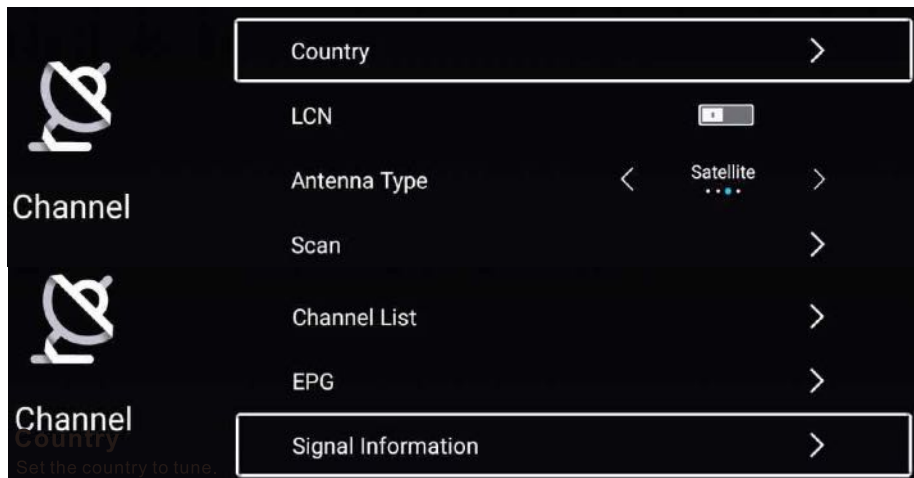
Audio Output

	Audio Output	Feature
1	Earphone	Volume adjustable; Maxim power is standard 150mV, only available for earphone; Can not support auto mute the main speaker when plug in the earphone, but to set Force Mute Speaker ON/OFF manually in the Sound Memu with remote control.
2	Digital COAX	Volume not adjustable; Connect to the digital audio amplifier.
3	Mini AV OUT	Volume adjustable; This AV OUTPUT can be used as audio output, and it is convenient for the user to connect to the audio amplifier, the maxim power is 500mV. (Not available for earphone.) Note. Both Video and Audio output to TV2 is available only for ATV/DTV source from TV1. When TV1 change to other source(AV/HDMI/USB...), TV2 only have the sound, picture is still from ATV/DTV unless you don't connect CVBS cable.
4	HDMI ARC	Volume adjustable;
5	Main Speaker	Volume adjustable; Auto Mute Speaker can be set ON/OFF in the Sound Menu. When OFF, the main speaker will be auto mute if AV OUT or Bluetooth is connected to the AMP. When ON, the main speaker will not be mute if AV OUT or Bluetooth is connected to the AMP.
6	Bluetooth	Volume adjustable;

Channel

Press **【◀】** / **【▶】** button to select **Channel** and press **OK** to enter setting.

Press **【◀】** / **【▶】** to adjust or select.



LCN

Set the Logical Channel Number ON/OFF.

Antenna Type

Select **Air/Cable/Satellit/Preferred Sat** to tune.

Scan

Press **【▼】** / **【▲】** button to select **Scan**, and press **ENTER** to start Auto Scan.

Channel List

Press **【▼】** / **【▲】** button to select **Channel List**, and press **MENU** button edit the channel (Skip/Delete/Fav).

Tips. Press OK button to popup the channel list directly, only available in TV source.

EPG

EPG

2015/02/13 04:46:02PM

Panda, Gorilla & Co. (312)

[Movie/Drama]

Geschichten aus dem Zoo Berlin und dem Tierpark Berlin. Die Marabus Elke und Hensel haben ihren Umzug auf die Anlage der Uganda-Giraffen bereits hinter sich. Reviertierpfleger Ronald Richter, der die afrikanischen Störche jahrelang unter seinen Fittichen hatte, will heute seinem ehemaligen Liebling Elke einen Besuch abstatten. Doch die Marabu-Dame scheint hinsichtlich der Umsiedelung nachtragend zu

2015/02/13
04:10PM ~ 05:00PM

◀ 2015/02/13 ▶

1 Service 1 (T2 Test)

2 Service 2 (T2-Test)

3 Service 3 (T2 Test)

4 Service 4 (T2 Test)

5 Service 5 (T2 Test)

6 Service 6 (T2 Test)

7 Service 7 (T2 Test)

04:10PM - 05:00PM Panda, Gorilla & Co. (312)

05:00PM - 05:15PM Tagesschau

05:15PM - 05:45PM Brisant

05:45PM - 05:50PM Sportschau vor acht

05:50PM - 07:50PM Sportschau live

07:50PM - 07:55PM Wetter vor acht




07:55PM - 08:00PM Börse vor acht


08:00PM - 08:15PM Tagesschau

•Record

•Schedule

•Remind

-  **Record** Set the time and channel to record automatically.
-  **Schedule** View the schedule ,which have been set to record.
-  **Remind** Set the time to remind you when It will record the program.

 Press the button on your Remote control to record the program immediately.

 Press the button on your Remote control to stop record the program immediately.

Tips. Press  REC button on the remote control to record immediately.

Record Setting

Mode

◀ Once ▶

Channel

◀ 1 Service 1 (T2 Test) ▶

Start Time

◀ 2015/02/13 ▶

4PM : 10

End time

◀ 2015/02/13 ▶

5PM : 0

OK

Reminder Setting

Mode

◀ Once ▶

Channel

◀ 1 Service 1 (T2 Test) ▶

Start Time

◀ 2015/02/13 ▶

4PM : 10

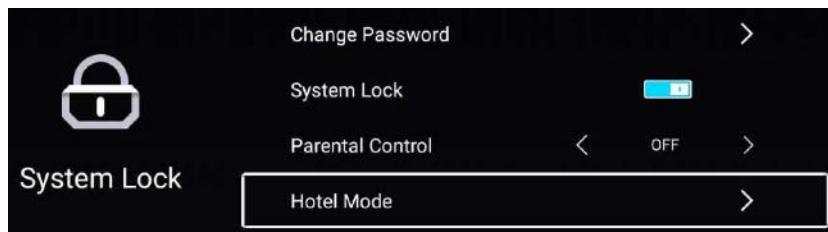
OK

System Lock

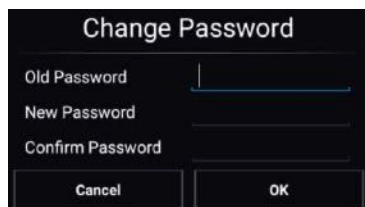
Press **【◀】 / 【▶】** button to select **System Lock** and press **OK** to enter setting.

Press **【◀】 / 【▶】** to adjust or select.

Note. The initial password is 1234.



Change Password



System Lock

Set System Lock ON/OFF.


Parental Control Off/4/5/6/7...18.(Age of children)

Some program may not be suitable for children, through **Parental Control** set-up, parents can shield unsuitable show automatically.

Note. This function only available when there is signal for TV.

Hotel Mode

Note: This function is available when the System Lock is on.



Hotel Mode

Hotel Mode


Auto Set

Default Volume

Picture Mode

30

User



Hotel Mode

Sound Mode


Max Volume

Boot Source

Scan Lock

100

Off




Hotel Mode

Menu Lock

Keypad Lock

Remote Lock



Hotel Mode

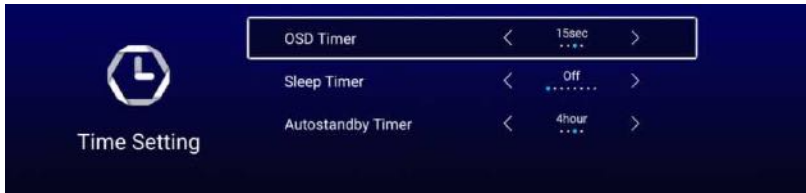
Import Config

Export Config

Hotel Reset

Time Setting

Press **【◀】 / 【▶】** button to select **Time Setting** and press **OK** to enter setting.
Press **【◀】 / 【▶】** to adjust or select.



OSD Timer

Select **OSD Timer** off,5sec,15sec, 30sec.

Sleep Timer

Select **Sleep Timer** off,15min, 30min, 45min, 60min, 90min, 120min, 240min.

Auto standby Timer

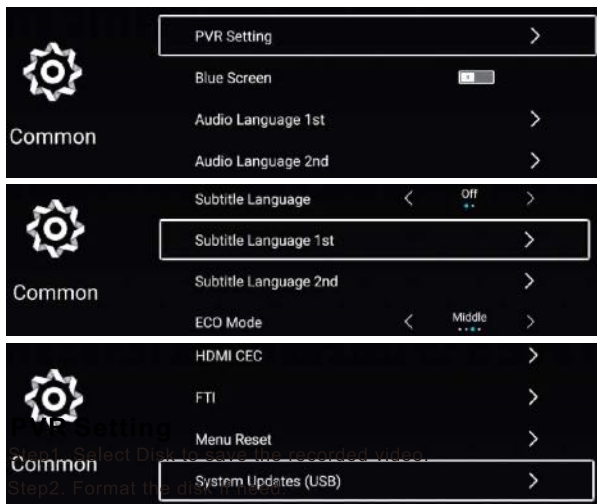
Select **Autostandby Timer** off, 3hour, 4hour, 5hour.

Note. The factory default is 4hour.

Common

Press 【◀】 / 【▶】 button to select **Common** and press **OK** to enter setting.

Press 【◀】 / 【▶】 to adjust or select.



Note: This option only available when there is signal for TV.



Record List can show the recorded programs in the USB disk.

Schedule List can show the scheduled programs.

About how to record and schedule, please refer to EPG introduction.

Blue Screen

Set **Blue Screen** ON/OFF.

Audio Language and Subtitle Language

Press 【▶】 button to select your desired language.

Note: Only available when there is signal for TV.

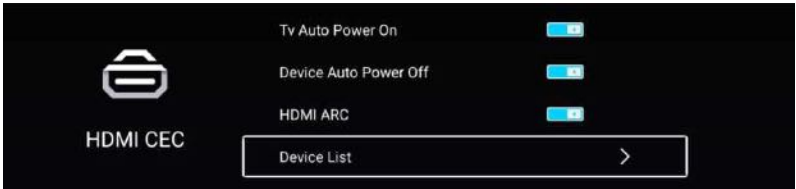
ECO

Set ECO Off, MiNi, Middle, Max .

When ECO is set High, the brightness of backlight is lowest for saving enegy mostly.

HDMI CEC

Set **HDMI CEC** ON/OFF.



FTI

Start the First Time Installation, Language -- Country -- Time zone -- Set Network -- Source Secret...

Note.

When select TV source, it will guide you to do TV tuning, if you donot, please press Exit button to cancel.

Menu Reset

Note. If select Menu Reset, all previous settings will be deleted.





DVD Basic Operation

Basic operation

1. Turn ON and OFF the DVD function

- Turn on the LCD TV and then press **SOURCE** repeatedly to select DVD mode.

2. Insert Disc to DVD

- Insert the Disc to the Disc slot (printed side of the disc has to face towards front of the unit), the player will load the disc automatically. There will have an on screen indication "CLOSE" then "READ". After loading the disc content, it will switch to play mode automatically. If the disc is already placed inside, the disc will be read automatically.



- NOTE:** - For some discs, after loading the content of the disc, need to press **■** or select from the disc menu to start.
- Please make sure when inserting the Disc, the printed side of the disc should be facing you. When inserting the Disc incorrectly, you may damage the DVD mechanism.

3. Play the DVD

- According to the disc content, the disc menu will display for your selection. When playing the disc, you may use **■** button to toggle between Play and Pause mode. This product also supports Menu, Title, Sequential and Program playback.

4. Take the disc out

- In order to protect the disc, press **■** button then press EJECT button to take the disc out. When the disc is ejected, hold the disc edge slightly and take it from the eject direction to prevent scratches.
- When not using the DVD function (in stand-by mode or using others modes for a long time), please take out the disc to protect the DVD loader and the disc.

Supporting DVD format

This products can play the following format of DVD disc.

Disc Type	Disc Size (Diameter)	Recorded Time	Recorded Content	Remarks
DVD	12cm	Single side:120mins. Approx	DVD format: Compressed digital audio and video	
		Double side:240mins. Approx		
Super VCD	12cm	45mins. Approx	MPEG2 Compressed digital audio and video	Include SVCD
VCD	12cm	74mins. Approx	MPEG1 Compressed digital audio and video	Include: VCD2.0/ VCD1.1 VCD1.0/ DVCD
CD	12cm	74mins. Approx	CD-DA: Digital audio	
HD-CD	12cm	74mins. Approx	HD-DA: Digital audio	
MP3/JPEG	12cm	600mins. Approx	Digital audio	



- NOTE:** Also support DVD-R, CD-R, CD-RW playback.



WARNING! DO NOT INSERT OR PLAY 8CM DISC, THEY WILL GET STUCK.

Region Code 2

As it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code into your player you will see the region code notice on the screen. The disc will not playback and should be unloaded. The region code for this player is 2 (refer to the symbols below).

DVD REMOTE CONTROL OPERATION

REMOTE CONTROLLER



- To open the disc tray, press OPEN/CLOSE.
- To close the disc tray, press OPEN/CLOSE again.



- Press PLAY/PAUSE from stop mode to start play.
- Press PLAY/PAUSE during playback to pause playback.
- Press PLAY/PAUSE to resume normal playback.



- Press STOP once during playback to stop and hold playback.
- Press PLAY to resume playback from the point you pressed STOP.
- Press STOP twice to stop playback completely.



- During DVD or CD playback, press and hold ►► to scan forward. The player will review the disc at 2, 4, 8 and 16 times normal speed as follows:



Press PLAY to resume normal playback.



- During DVD or CD playback, press and hold ◄◄ to scan in reverse. The player will review the disc at 2, 4, 8 and 16 times normal speed as follows:



Press PLAY to resume normal playback.



- Press PREV to skip to previous chapter or track.



- Press NEXT to skip to the next chapter or track.

0-9



- These keys are used to input the time, as well as title, chapter and track numbers.
- When a numeric item is displayed on the screen, press the 0-9+ keys to select the desired entry, and press ENTER to confirm.

DVD REMOTE CONTROL OPERATION

REMOTE CONTROLLER

VOL+ VOL-



- Press Volume < VOL+ > button to increase Volume.
- Press < VOL- > button to reduce Volume till to no volume output.

MUTE



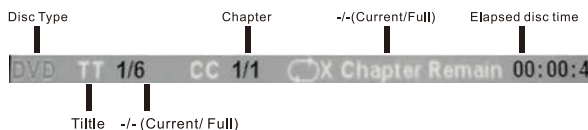
- Press MUTE to mute the Audio output.
- Press MUTE again to resume normal Audio output.

DISPLAY



- Press **DISPLAY** button to activate the on screen roll-down menu for the current Title, Chapter, time and other information
- Press **DISPLAY** button again to turn off the on screen display.

- For DVD discs, (2 pages) Press **DISPLAY** button once to display first page as shown below:



Press **DISPLAY** button again to display second pages shown below:



- For Super VCD discs, (2 pages), Press **DISPLAY** button once to display first page: Disc type, Track 1/6 (Current / Full), Mute status, PBC status, Repeat mode status, Current track time. Press **DISPLAY** button again to display second page: Audio 1/14 (Current/Full) or OFF, Audio type, Language, Subtitle 4/7 (Current/Full) or OFF. Press **DISPLAY** button again to turn off the on screen display.
- For CD, CD-G, HD-CD, MP3 / JPEG discs, Press **DISPLAY** button once to display first page: Disc type, Track 1/6 (Current / Full), Mute status, Repeat mode status, Current track time.

DVD REMOTE CONTROL OPERATION

REMOTE CONTROLLER

PROG



- Press PROG to display the [Program] submenu:

DVD/ MP3/JPEG discs

PROG			
T	C	T	C
1---	---	5---	---
2---	---	6---	---
3---	---	7---	---
4---	---	8---	---
9---	---	10---	---
13---	---	14---	---
15---	---	16---	---
PLAY		CLEAR	

Super VCD/ VCD/ CD /CD-G/ D-CD discs

PROG			
1---	---	5---	---
2---	---	6---	---
3---	---	7---	---
4---	---	8---	---
9---	---	10---	---
12---	---	14---	---
15---	---	16---	---
PLAY		CLEAR	

- If it is in PBC ON status, using program playback will turn to PBC OFF automatically.
- According to the highlight area input the title and chapter number by numeric buttons, press **▶** button to start; or move to the **<PLAY>** by navigation buttons, press **ENTER** button to start.
- While playing the program, you may press **PROGRAM** button to display the program menu for edit. To clear the program by moving to **<CLEAR>** and press **ENTER** button. Or press **■** button to end the program. When press **▶** button again, the disc will play by sequent.
- While playing the program, there will have an on screen indication "PRG PLAY" and the current title and chapter number.

D.TITLE



- During DVD playback, press D.TITLE to display the DVD title menu or play the first title.



Note: This function is subject to the disc.

D.MENU



- During DVD playback, press D.MENU to return to the program menu.



Note: This function is subject to the disc.

D.SETUP



- Press D.SETUP button to activate the DVD OSD menu.
- For further details, refer to the DVD SETUP.

S.TITLE



- Press S.TITLE button to enable/disable the subtitle.

AUDIO



- Press AUDIO button to change audio's language.

DVD SETUP

General Setup



- Press **DVD SETUP** button to activate OSD menu;
- Press ◀/▶ button to move to the General Setup Page;
- Press ▲/▼ button to move and highlight setup icon;
- Press ◀/▶ button to enter the highlighted sub-menu;
- Press ▲/▼ button to select, press **ENTER** button to confirm.
- Press **DVD SETUP** button to exit the OSD menu.

💡 **NOTE:** In Setup mode, the following functions will be cancel or pause :
PLAY/PAUSE, STOP, FF, FR, PREV, NEXT, GOTO, DISPLAY, AUDIO, SUB-TITLE,
D.MENU, D.TITLE.

-TV Display

DVDs are produced in a variety of screen aspect ratios. This menu enables you to select one of the three aspect ratios:



- 4:3 PS (Normal)
- 4:3 LB (Normal)
- 16:9 (Wide)
- Select the most appropriate aspect ratio for the DVD being viewed.

4:3PS (Normal)

Normal Pan and Scan is used for most normal television broadcasts and it is the default setting. It has an aspect ration of 4:3. If you select this setting when viewing a DVD the picture will fill the screen but, you will not see the left and right edges of the picture.



4:3LB (Normal)

Normal Letter Box will show the DVD in its original aspect ratio so depending on the size of your television screen, you may see black borders above and below the picture.



16:9 (Wide)

Choose this setting if you have a widescreen television.



- 💡 **NOTE:**
- Playback screen size may vary according to the discs contents.
 - For discs with 4:3 contents, using any mode would only display a 4:3 screen
 - Screen ratio selection should be according to the TV Display aspect ratio.

-OSD Language



- OSD Language

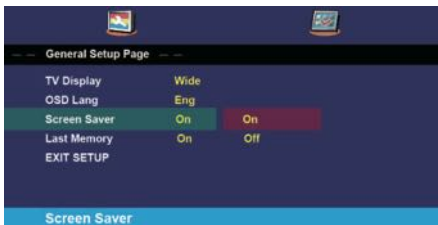
Use navigation buttons to select the OSD LANGUAGE setup icon, press ENTER button to confirm.



NOTE:

If the selected language is not included in your DVD disc content, it will select the default language of the disc automatically.

-Screen Saver



-Screen Saver

Use navigation buttons to select Screen Saver, press up/down button to select On or Off, then press Enter button to confirm.



NOTE:

If Screen Saver is set "On", DVD will go into screen protection mode after 3 minutes when DVD player is paused.

-Last Memory



- Last Memory

Use navigation buttons to select Last Memory, press up/down button to select On or Off, then press Enter button to confirm.



NOTE:

If Last Memory is set "On", DVD player will remember the last program you watched.

-Exit Setup



- Exit Setup

Use navigation buttons to select Exit Setup, press right button to select OK, then press Enter button to confirm.

DVD SETUP

Preference Setup

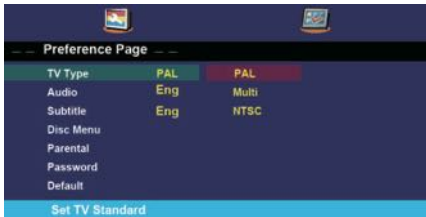


- Press **DVD SETUP** button to activate OSD menu;
- Press **◀/▶** button to move to the Preference Page;
- Press **▲/▼** button to move and highlight setup icon;
- Press **◀/▶** button to enter the highlighted sub-menu;
- Press **▲/▼** button to select, press **ENTER** button to confirm.
- Press **DVD SETUP** button to exit the OSD menu.

💡 **NOTE:** In Setup mode, the following functions will be cancel or pause :

PLAY/PAUSE, STOP, FF, FR, PREV, NEXT, GOTO, DISPLAY, AUDIO, SUB-TITLE,
D.MENU, D.TITLE.

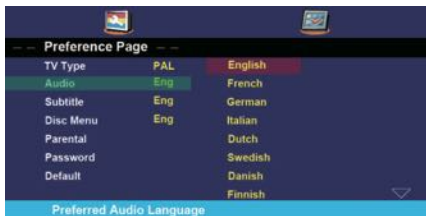
-TV Type



- TV Type

You can select the system type among PAL, NTSC and Multi (Auto) according to your VCD/DVD disk.

- Audio Language



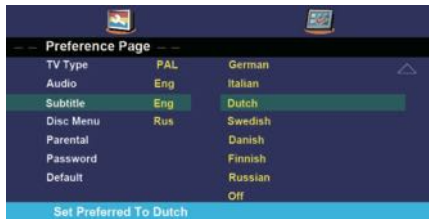
- Audio Language

Use navigation buttons to select the **AUDIO LANG** setup icon, press **ENTER** button to confirm.

💡 **NOTE:**

If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically.

- Subtitle Language



- Subtitle Language

Use navigation buttons to select the **Subtitle Language** setup icon, press **ENTER** button to confirm.

If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically.

💡 **SPECIAL NOTE:** Language Setup needs to be pre-set in DVD SETUP before putting the disc in.

DVD SETUP

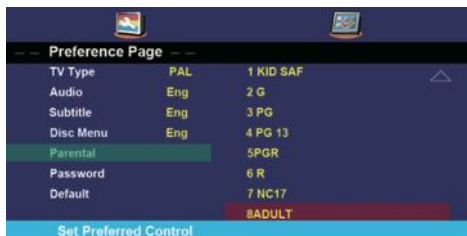
-Disk Menu Language



-Disk Menu Language

Use navigation buttons to select the Menu Language setup icon, press ENTER button to confirm.

-Parental



-Parental

Playback for some discs with rating, you can select the parental guidance from KID SAF to ADULT.

-Password



NOTE:

The initial password is 0000.



-Default



-Default

Press Enter button to load factory default setting.

SPECIFICATIONS

LED MODEL		LEW22BA22DB	LEW24BA22DB	LEW32EA22DB
LED Panel	Display diagonal	21.5" 16:9	23.8" 16:9	31.5" 16:9
	Pixel numbers	1920 (H) x 1080 (V)		
	Color Depth(colors)	16.7M		
	Viewing Angle (H/V)	178°/178°		
ATV System	Tuner receiving range	49MHZ-863MHZ		
	Video System	PAL, SECAM		
	Sound System	BG, DK, I, L/L' NICAM/A2		
	Storage Channels	200CH		
	Teletext	1000 Pages		
DTV System	Tuner receiving range	DVB-T/C: VHF (49MHZ-863MHZ) UHF (474MHZ-862MHZ) DVB-S/S2: 950-2150MHz		
	Channel bandwidth	7MHZ/8MHZ		
	Modulation	DVB-C	MODULATION	16QAM, 32QAM, 64QAM, 128QAM, 256QAM
			Video System	MPEG-2MP@ML, MPEG-2MP@HL, H. 264
			Audio System	MPEG-1, MPEG-2 (Layer I//II)
			Receive Channel	Total 700 (T+C)
		DVB-T	MODULATION	COFDM 2K/8K, QPSK, 16QAM, 64QAM
			Video System	MPEG-2MP@ML, H. 264
			Audio System	MPEG-1, MPEG-2 (Layer I//II)
			Receive Channel	Total 700 (T+C)
			Tuner 5V Supply	5V 500mA
		DVB-T2	MODULATION	COFDM: 1K TO 32K; T2-Lite, 1/3, 2/5; QPSK: 16QAM, 32QAM, 64QAM, 256QAM; Bandwidth: 6, 7, 8MHZ; Guard Interval: 1/128--1/4; code rate: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6; SPP: PP 1 to PP8
			Video System	MPEG-2MP@ML, H. 264/H. 265
			Audio System	AC-3, MPEG-1/2 Layer I and II
		DVB-S/2	MODULATION	COFDM 2K/8K, QPSK, 8PSK
			LNB power	Auto/13V/18V/OFF Output 500mA@MAX
			LNB Switch Control	22kHz
			DiSEqC Version	1.0
			Video System	MPEG-2MP@ML, H. 264/H. 265
			Audio System	MPEG-1, MPEG-2 (Layer I//II)
			Receive Channel	DVB-S2: 5000

LED MODEL		LEW22BA22DB		LEW24BA22DB		LEW32EA22DB	
Video Input	PC-RGB	Not support					
	Video System	PAL/SECAM/NTSC					
	Video Level	1.0 Vp-p ±5%					
	Component	480i, 480p, 576i, 576p, 720p, 1080i, 1080p					
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p					
Audio Input	Earphone input	0.2-2.0Vrms					
	L/R RCA	0.2-1.0Vrms					
Speaker Output	Frequency Response	150HZ-15KHZ @±3dB					
	Output power	2 x 3W		2 x 3W		2 x 8W	
Input Terminals	ATV&DTV (DVB-T/T2/C)	X 1 (IEC 75 Ω)					
	DVB-S, S2	X 1 (F-Connector)					
	CVBS&Audio	X 1 (Mini Terminal)					
	HDMI	X 2 (HDCP1.4/2.2, Support 4K, HDMI2 With ARC)					
	YPBPR	X 1 (Mini Terminal)					
	CI Slot (CI+)	X 1					
	PC-RGB	No					
	PC-Audio	No					
	USB Slot	X 2 (USB2.0 5V---500mA)					
Output Terminals	DVD (Optional)	X 1					
	Coaxial	X 1 (RCA Terminal)					
	Earphone	X 1					
	AV OUT	X 1 (Mini Terminal)					
Bluetooth (Optional)	Version	V4.2 Dual Mode					
	Distance	10m (without shielding)					
	Devices Paired	Up to 5					
USB Multimedia Function	Picture	Files Ext.	*.JPG, *.JPEG, *.BMP, *.PNG				
	Music	Files Ext.	*.MP3, *.M4A, *.AAC				
	Movie	Files Ext.	*.AVI, *.MKV, *.MOV, *.MP4, *.VOB, *.MPG, *.TS, *.DAT, *.RM/RMVB				
		Video Codec	H.265 H.264 H.263 MPEG-1/2 MPEG-4 XVID VP				
		Audio Codec	MP3 AAC AC3 (DD) MPEG1/2				
Important Notice:							
Please note that media files listed here are eamples that we test in factory up to the date of manufacture. As a result of new development there could be new codec ifles with same extension names, we are not able to ensure that all media files.							
Power Supply	DC-DC	10.8-30.0VDC, DC Terminal 5.5/2.5mm					
	AC Adapter	100V-240V ~ 50/60HZ Input, 12VDC 4A Output					
Power Consumption	Rating	30W		36W		48W	
	Standby	≤0.5W					

LED MODEL		LEW22BA22DB	LEW24BA22DB	LEW32EA22DB
Environmental considerations	operating Temperature	0~35℃（32°F~95°F）		
	operating Humidity	10%~80%		
Dimension (WxDxH)mm	Without Stand	503X50X325	552X51X355	730X62X438
	With Stand	503X175X361	552X175X391	730X210X478
Weight (kg)	Net Weight	3.46	3.95	5.6
	Gross Weight	4.55	5.04	7.5

Android system	CPU	ARM Cortex-A53 quad core
	GPU	Quad core Mali450
	CPU Frequency	1GHz
	GPU Frequency	492M Dynamic
	Android Version	Android 7.0
	DDR	1GByte
	Flash	8GByte

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Note:

*Design and specifications are subject to change without notice.

*Weight and dimensions shown are approximate values only.

This product must be disposed of correctly. Please contact your Local Authority for the appropriate method of disposal.

Revision:1.0



STAND INSTALLATION

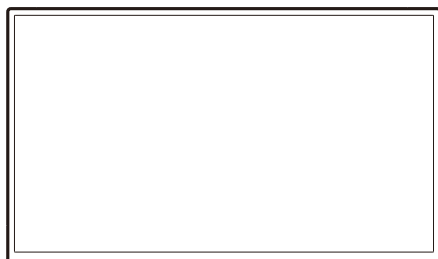
LEW22/24TD22DB+PRO



↑ ↓ SCREW PT 4X12
2PCS



LEW32EA22DB



SCREW PM 4X14PCS

