



Made for Moments

Gebruikershandleiding

50 INCH LED FHD LCD TV



RS50U1-EU

Inhoudsopgave

- **Inleiding**
- **Veiligheidsinstructies**
- **Let op**
- **Beschrijving van de televisie**
- **Afstandsbediening**
- **SMART TV**
- **USB**
- **OSD aanpassen**
- **Specificaties**
- **Problemen oplossen**

Inleiding

Hartelijk dank voor aankoop van onze tv, die zowel dienst doet als normale kleuren tv als pc monitor. Lees deze gebruikershandleiding aandachtig door en houd deze ook in de toekomst bij de hand om het maximale uit deze tv te halen.

INSTALLATIE

- ① Plaats de tv in de kamer zodat geen direct licht op het scherm reflecteert. Zowel reflecties als een volledig donkere omgeving kunnen belastend zijn voor de ogen.
- ② Laat voldoende ruimte vrij voor ventilatie tussen uw TV en de muur.
- ③ Voorkom extreem hoge temperaturen om mogelijke schade aan uw monitor te voorkomen.
- ④ Deze tv kan worden aangesloten op AC 100-240V~ 50/60HZ.
- ⑤ Plaats de monitor niet in de nabijheid van warmte bronnen zoals radiatoren, direct zonlicht of in afgesloten ruimtes. Bedek de ventilatieopeningen niet wanneer de monitor in gebruik is.
- ⑥ Nadat de TV is uitgeschakeld blijft het lampje nog ongeveer 30 seconden branden. Wacht met het weer aanzetten van de monitor tot het lampje volledig gedoofd is.

Veiligheidsinstructies



WAARSCHUWING KANS OP
ELEKTRISCHE SCHOKKEN;
NIET OPENEN



WAARSCHUWING: HOUD HET APPARAAT GESLOTEN OM
ELEKTRISCHE SCHOKKEN TE VOORKOMEN. NEEM CONTACT
OP MET SERVICENTRUM INDIEN HET APPARAAT
GEREPAREERD DIENST TE WORDEN.



Dit symbool dient als waarschuwing voor kans op elektrische schokken. Dit apparaat mag enkel door gecertificeerd personeel gerepareerd worden.

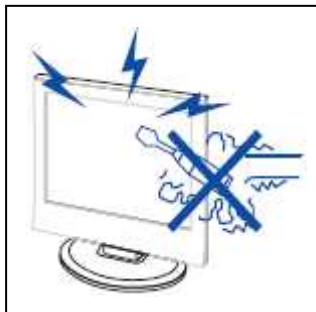


This symbol is intended to alert the user to the presence of important operation and maintenance instructions in the literature accompanying the equipment.



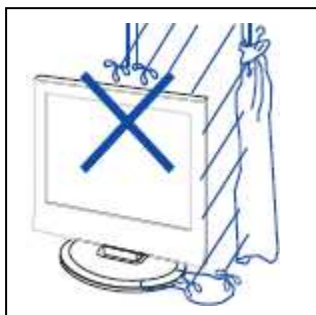
Een tv met Class I constructie moet u aansluiten op een geaard stopcontact. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Veiligheidsinstructies



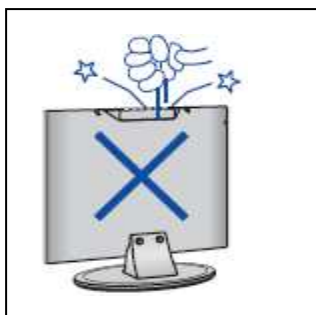
Waarschuwing

Dit product werkt op hoge spanning. Het product niet zelf uit elkaar halen. Neem voor reparaties contact op met gekwalificeerd personeel.



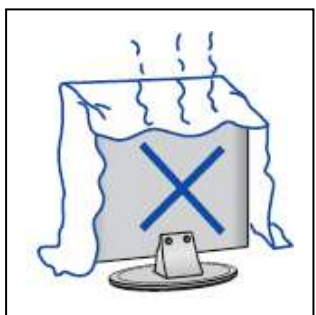
Waarschuwing

Stel het apparaat niet bloot aan vocht of regen en plaats geen voorwerpen die water bevatten op het apparaat, als er water in het apparaat terecht komt kan dit defect, brand of elektrische schokken veroorzaken.



Waarschuwing

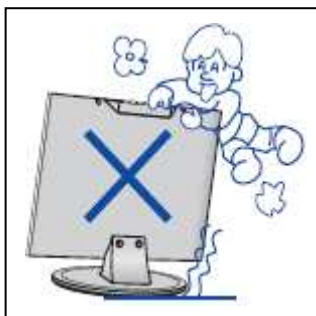
Steek geen voorwerpen in openingen van het apparaat, dit kan defecten en elektrische schokken veroorzaken.



Waarschuwing

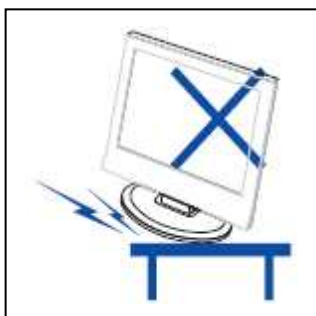
Plaats het apparaat niet in direct zonlicht, in de buurt van warmtebronnen of op andere apparaten die warmte afgeven zoals DVD-spelers of versterkers. Houd de ventilatioeroosters aan de achterzijde vrij, goede ventilatie is essentieel voor het voorkomen van defecten. Zorg ervoor dat de stroomkabel niet ingeklemd raakt onder het apparaat of een ander zwaar voorwerp.

Veiligheidsinstructies



Waarschuwing

Ga nooit op het apparaat staan, leunen of ertegen duwen.
Let hier vooral op bij kinderen.



Waarschuwing

Zet het apparaat nooit op een instabiele ondergrond.
Wanneer het apparaat valt kan dit resulteren in ernstig
letsel en schade aan het apparaat.



Waarschuwing

Haal de stekker uit het stopcontact als u het
apparaat gedurende langere tijd niet gebruikt.



Waarschuwing

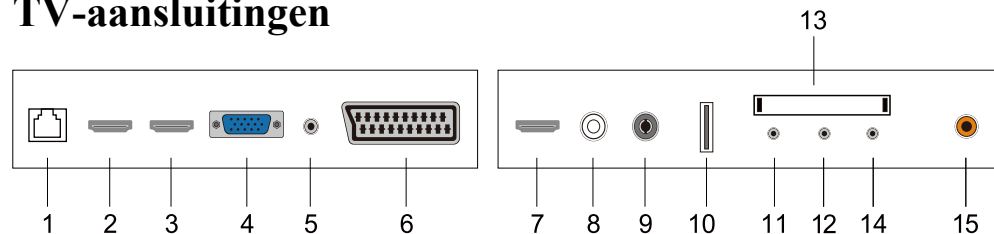
Het LED scherm van dit apparaat is gemaakt van
glas en dus breekbaar. Het product mag niet vallen
of stoten. Wees voorzichtig indien het glas breekt.

Beschrijving van de tv

Control Panel Button Function

VOL+ : Volume hoger.
VOL- : Volume lager.
CH+ : tv-kanaal hoger.
CH- : tv-kanaal lager.
MENU : Druk om naar het hoofdmenu te gaan.
TV/AV : Veranderen van ingangssignaal.
POWER : Aan- of standby-knop.

TV-aansluitingen



1. RJ45
2. HDMI-1
3. HDMI-2
4. VGA
5. PC audio input
6. SCART
7. HDMI-3
8. LNB IN antenne
9. RF-antenne
10. USB
11. Mini YPBPR input
12. Mini AV&AUDIO input
13. CI slot
14. Koptelefoon output
15. COAX output

Extra aansluitingen:

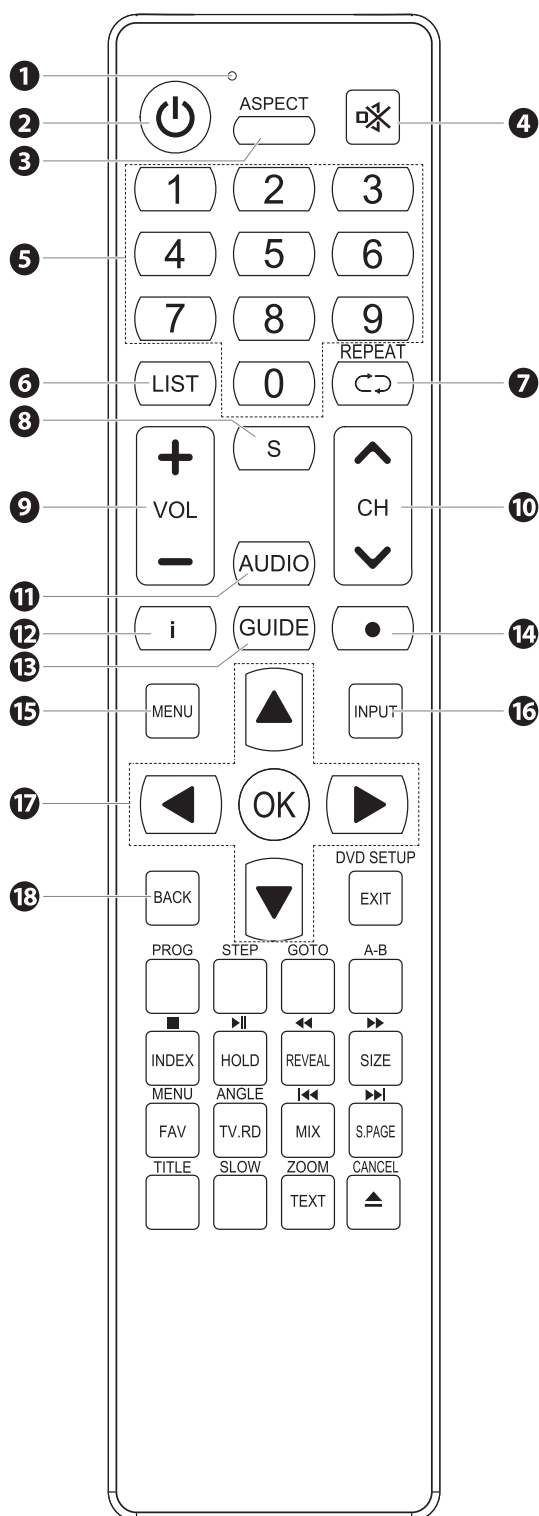
Maak verbinding met een externe hardeshijf via USB.



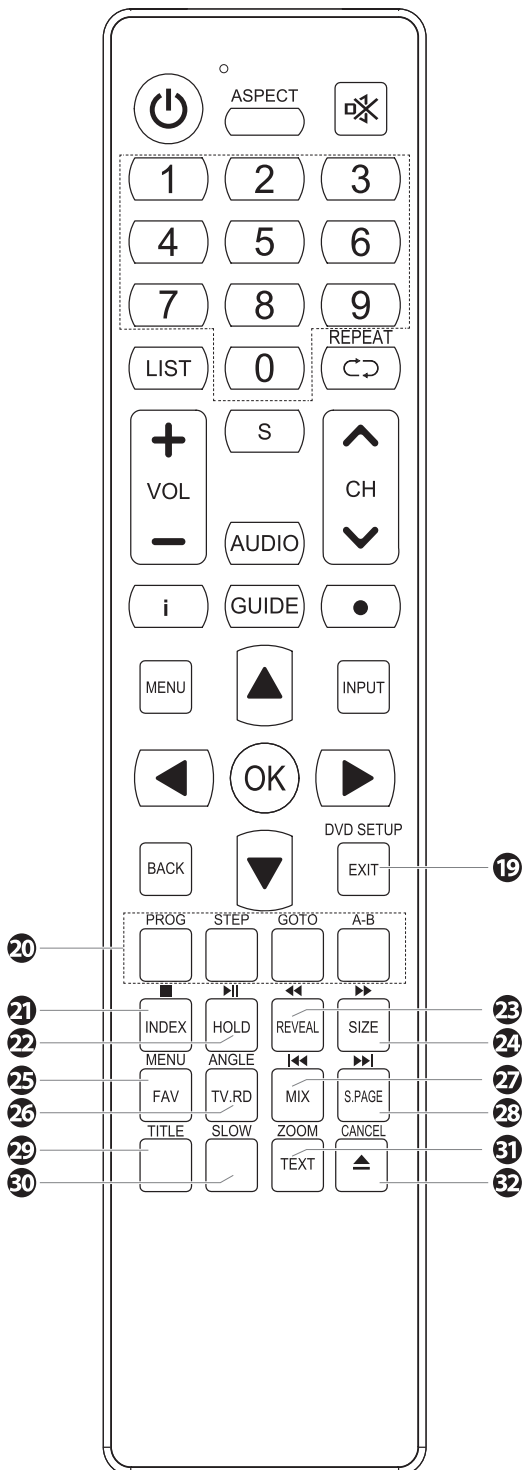
Let op

- Er is enkel 500 mA MAX Voeding beschikbaar. Indien de externe harde schijf meer nodig heeft, dient u een externe voeding te gebruiken.
- Om er zeker van te zijn dat de externe harde schijf goed werkt, moet u deze aansluiten met een eigen stroom-aansluiting. Gebruik ook niet de USB-aansluiting tegelijkertijd.
- Ondersteund word enkel een hardeshrijf van meer dan 2 GB. En er kunnen maxiaal 4 partitie's op de schijf aanwezig zijn. Maximaal mag de harde schrijf 2TB groot zijn en word enkel FAT/FAT32 ondersteund door de TV.

Afstandsbediening



1. **Indicator Light**
The red indicator light flashes red to show that the remote is working and sending a signal.
2. **Power**
Switch the TV between on and standby mode.
3. **ASPECT**
Watch the screen in various formats
4. **Mute**
Mute and restore your TV sound.
5. **0-9 Number Button**
 - Press to select a programme.
 - Select numbered items in a menu. (DVD mode)
6. **LIST**
 - Display the channel list. (ATV / DTV mode)
7. **REPEAT**
 - Return to the previous viewing channel. (ATV / DTV mode)
 - Return to menu (DVD mode)
- REPEAT**
Select between different repeat modes. (DVD mode)
8. **S (Subtitle)**
 - Display subtitles which are broadcast with the programme. (DTV mode)
 - Display subtitles on the DVD. (DVD mode)
9. **VOL + / -**
Adjust the volume.
10. **CH ^ / v**
Select a channel.
11. **AUDIO**
 - Turn on / off the Audio Description (AD) function (DTV mode)
 - Select different Audio mode on DVD mode. (DVD mode)
 - Select Stereo / Dual Sound Reception. (ATV mode)
12. **i**
 - Display the present channel information such as the current time and channel name. (ATV / DTV mode)
 - Display the present disc information. (DVD mode)
13. **GUIDE**
Displays the EPG Electronic Programme Guide. (DTV mode)
14. **Dot**
Record the current programme. (DTV mode).
15. **MENU**
Display the OSD (On Screen Display) menu.
16. **INPUT**
Select among the different input signal sources:
17. **Navigation**
Allows you to navigate the OSD menus and adjust the system settings to your preference.
- OK**
Confirm the selection in the OSD menus.
18. **BACK**
Return to the previous menu in the OSD menus.



19. Exit

Exit the OSD menu.

DVD SETUP

Display and exit the DVD setup menu. (DVD mode)

20. Coloured buttons

- Access the TELETEXT items (ATV / DTV mode)
- Access menu options.

PROG (RED)

- Display the channel edit menu. (ATV / DTV mode)
- Access menu options.
- Programme the DVD. (DVD mode)

STEP (GREEN)

Play the playback forward frame by frame. (DVD mode)

GOTO (YELLOW)

Skip to a specific location on a DVD / CD. (DVD mode)

A-B (BLUE)

Repeat a segment between A and B. (DVD mode)

21. INDEX: To select the page number of the Index in teletext.(TV Teletext mode)



Stop the playback or recording. (DVD / USB / DTV mode)

22. HOLD: Freeze a multi-page passage on screen in teletext.(TV Teletext mode)



- To start the timeshift playback. (DTV mode)
- To start playback or pause. (DTV / DVD / USB mode)

23. REVEAL: To show hidden information if existing.(TV Teletext mode)



Reverse playback rapidly. (DVD / USB mode)

24. SIZE: To enlarge the picture on the TV in teletext.(TV Teletext mode)



Advance playback rapidly. (DVD / USB mode)

25. FAV

Display the favourite channel list. (ATV / DTV mode)

(DVD) MENU

Display the DVD menu. (DVD mode)

26. TV.RD

A short-cut to switch input source to TV / Digital radio channels.

ANGLE

Select different angles for the video. (DVD mode)

27. MIX: TV and TXT pictures are mixed together.(TV Teletext mode)



To skip to the beginning of the previous chapter / track / photo. (DVD / USB mode)

28. S.PAGE: To open a subpage if existing in teletext.(TV Teletext mode)



Skip to the beginning of the next chapter / track / photo. (DVD / USB mode)

29. TITLE

Display the DVD title content. (DVD mode)

30. SLOW

Play video slowly. (DVD mode)

31. TEXT

Turn on and off the teletext function.(TV mode)

ZOOM

Zoom in on the displayed frame. (DVD mode)

32. ▲

Eject a disc. (DVD mode)

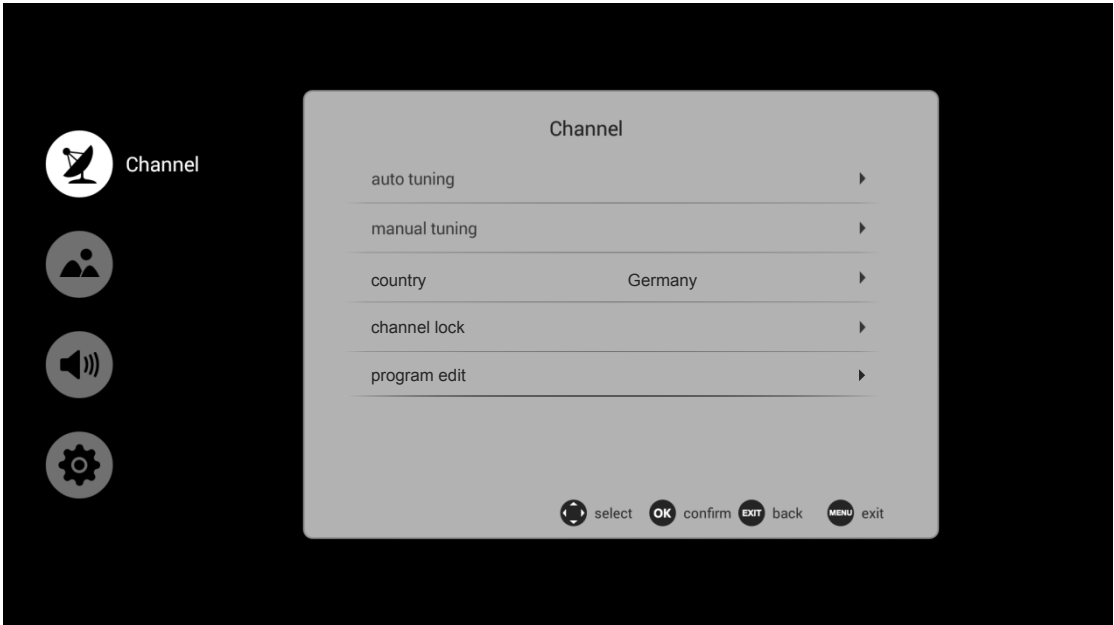
CANCEL

1. Hoofdmenu op de tv

1.1 Channel

Main menu items(from right order Channel->Picture->Sound->Advance) at DTV/ATV input source.The first item is Channel page as default. Now ,press right key to enter the sub page,Auto Tuning is highlighted . In this page, we have four subItem : Auto Tuning,Mannual Tuning ,program guide (this item is only showed in DTV channel),program Edit .

1.1.0 Channel menu:



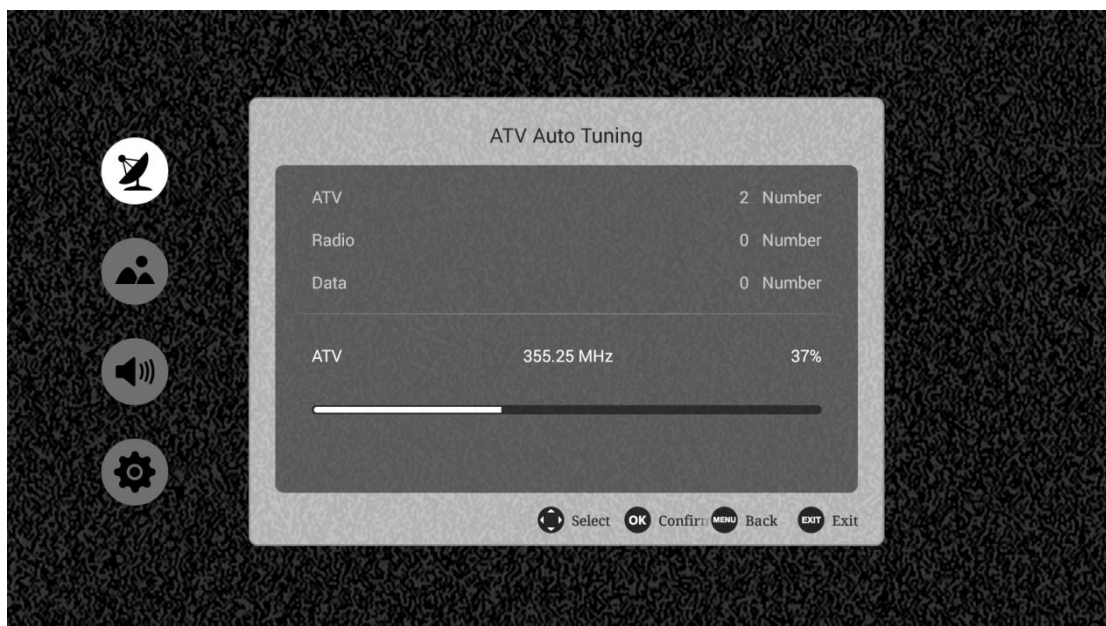
Dit zijn de basisknoppen

knop	Omschrijving
	Navigatie
	Uw keuze bevestigen
	Uit de huidige pagina gaan
	Terug naar de laatste pagina

1.1.1 Autotuning (het automatisch laten zoeken naar beschikbare tv-zenders)

Ga naar Auto Tuning. Er is een venster waar u kunt kiezen tussen ATV-, DTV- of ATV/DTV Auto Tuning. Voer uw keuze in en u ziet dat de tv automatisch naar tv-programma's gaat zoeken.

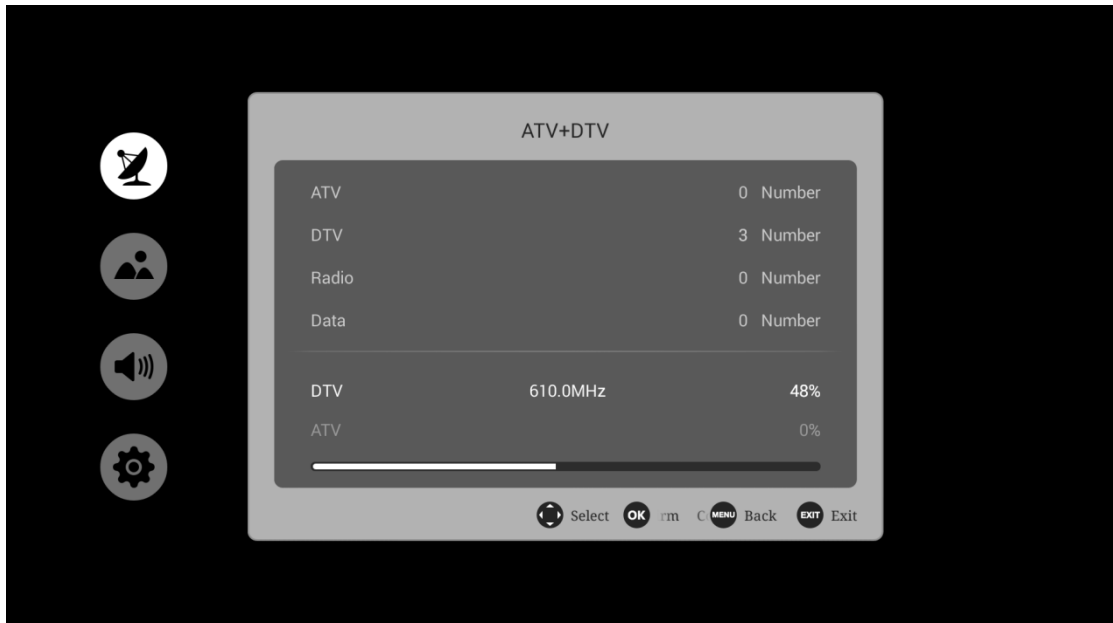
Afbeelding 1:ATV Auto Tuning



Afbeelding 2:DTV Auto Tuning



Afbeelding 3: ATV/DTV Auto Tuning



Functiebeschrijving: Auto Tuning zoekt alle beschikbare zenders van uw RF-bron

	Omschrijving
ATV	Het aantal van ATV zenders
DTV	Het aantal van DTV zenders
Ratio	Het aantal van radiozenders
Data	Het aantal zenders met Data
Voortgangsbalk	Toont de voortgang van het zoekproces

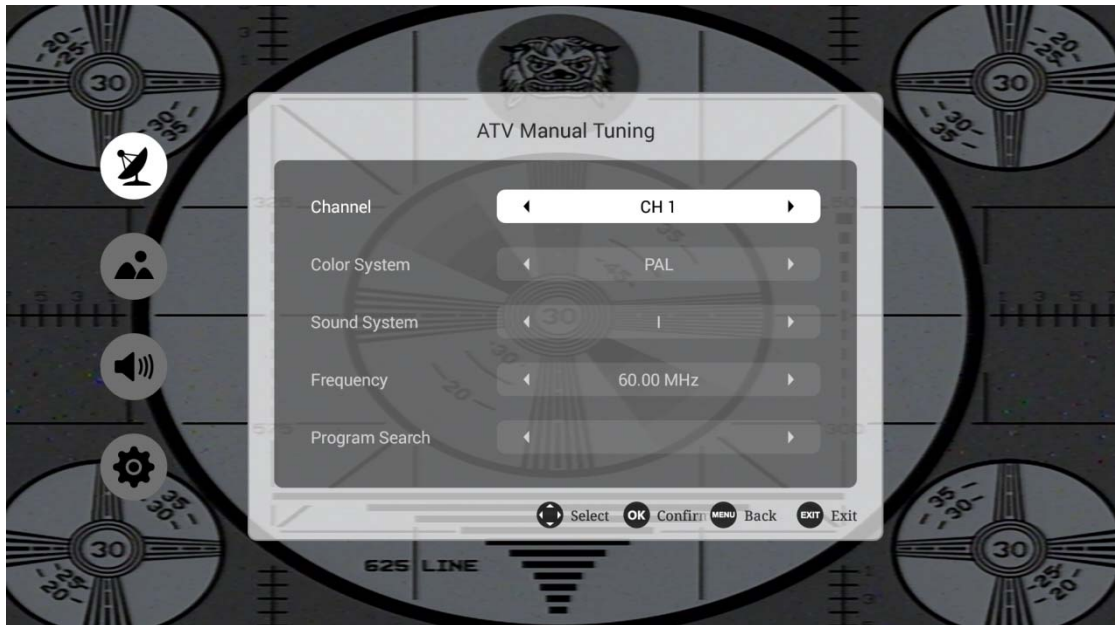
Opmerking:

Druk op Exit om het Tuning proces te beeindigen.

1.1.2 Handmatig zenders zoeken

Manual Tuning bevat ATV en DTV handmatig zenders zoeken

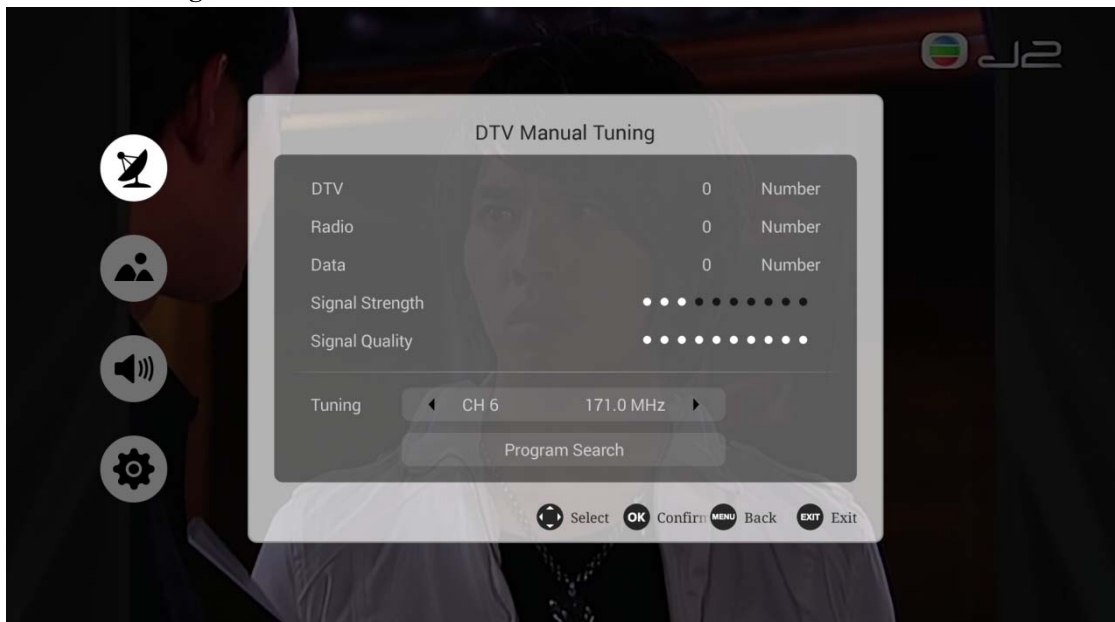
ATV handmatig zenders zoeken:



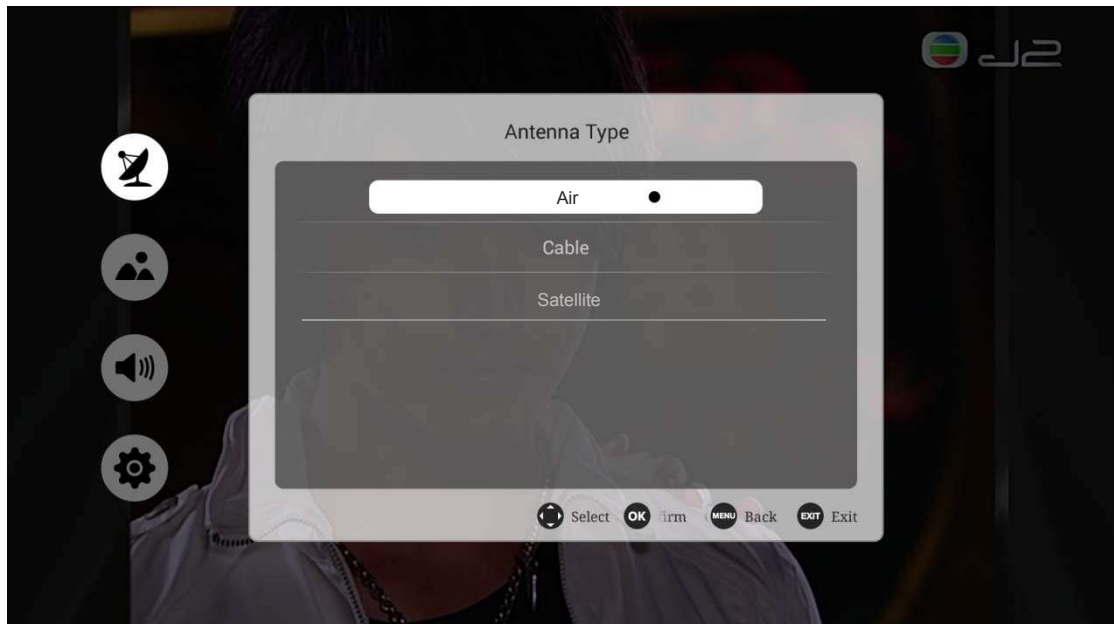
Functie omschrijving:

Item	Aanpassen	Standaard	Omschrijving
Channel	1-100	1	Huidig kanaal nummer
Color System	PAL,NTSC,SECAM,AUTO	PAL	Het kleursysteem
Sound system	I,L,M,N,BG,DK	I	Het geluidssysteem
Frequency	40-100mhz		Kanaal frequentie
Program Search			Starten of stoppen van kanaal zoeken

DTV handmatig zoeken:



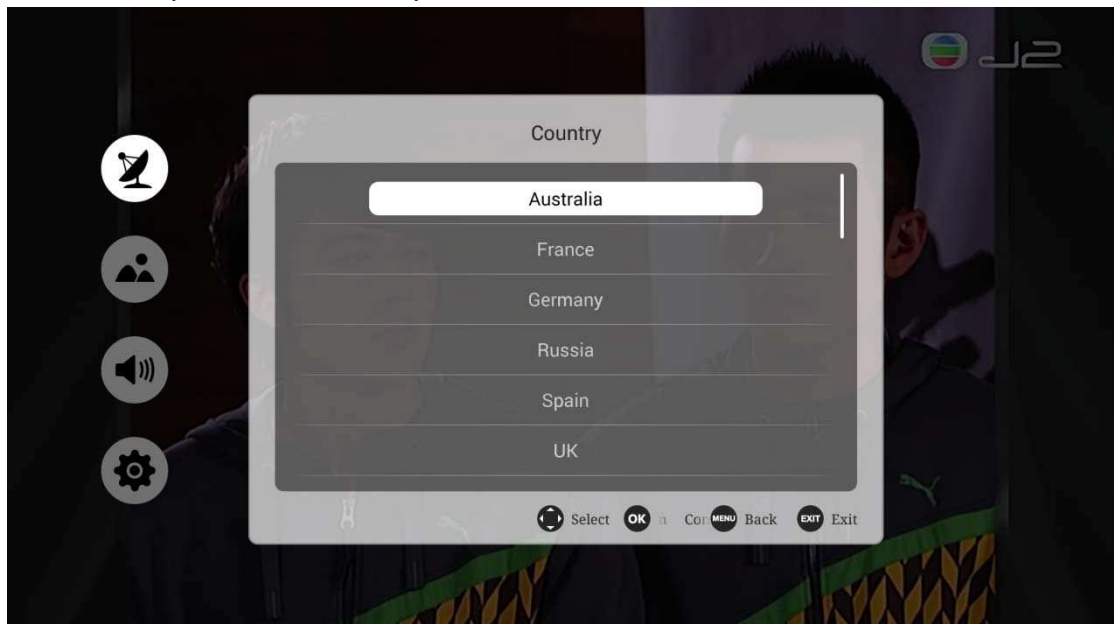
1.1.3 Type antenne



Uitleg functies

Functie	Omschrijving
Air	Selecteer ontvangst via antenne
Cable	Selecteer ontvangst via kabel
Satellite	Selecteer ontvangst via schotel (sateliet)

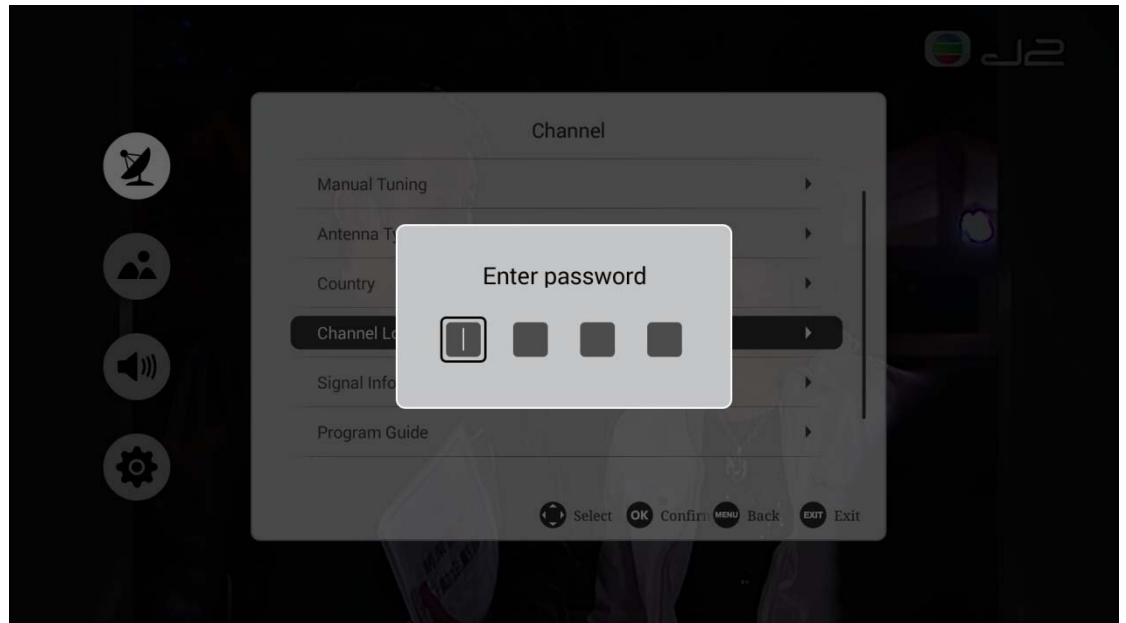
1.1.4 Selecteer land (alleen te zien in DTV)



Functiebeschrijving:

Selecteer het gewenste land

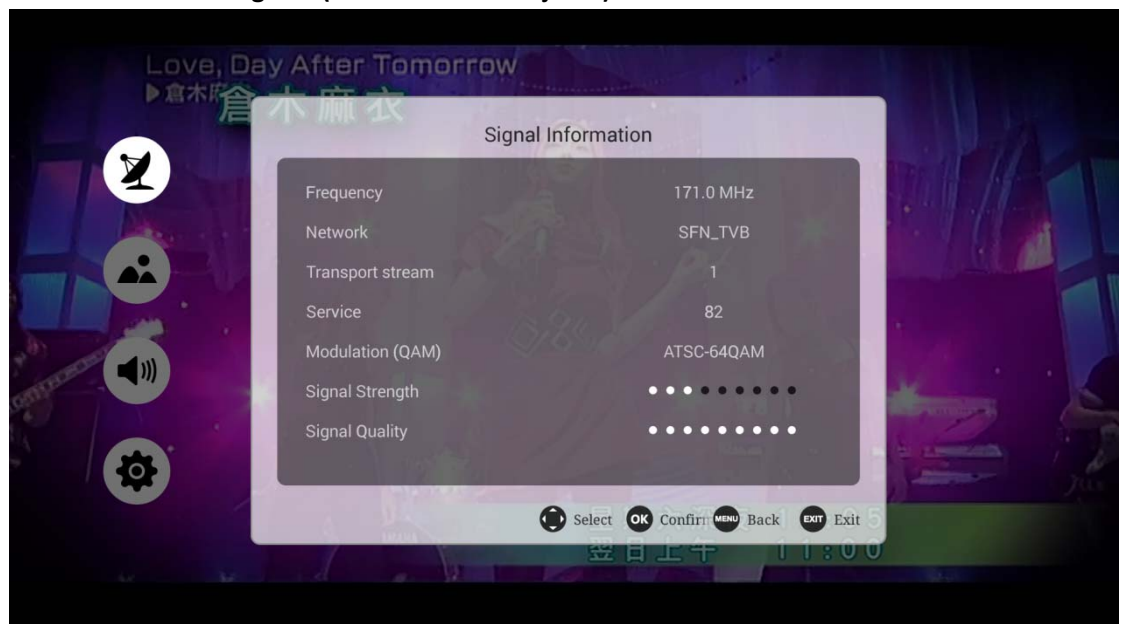
1.1.5 Zenders vergrendelen (alleen zichtbaar bij DTV)



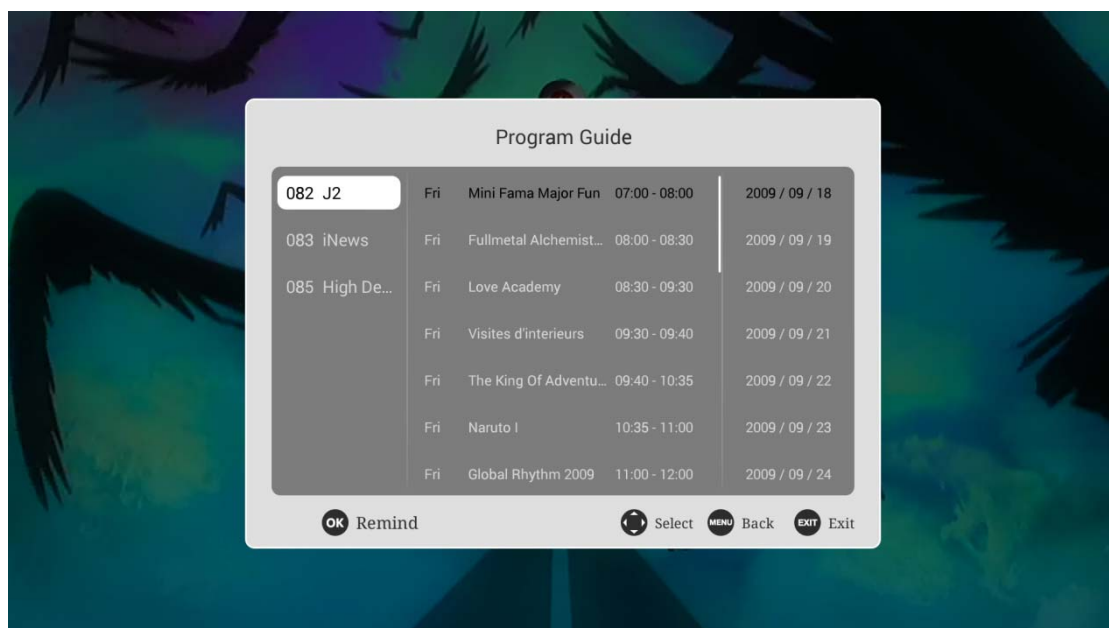
Functiebeschrijving:

De zender vergrendelen/ontgrendelen.

1.1.6 Informatie over het signaal (alleen zichtbaar bij DTV)



1.1.7 Programma gids (EPG, Electronic program guide, alleen zichtbaar bij DTV)



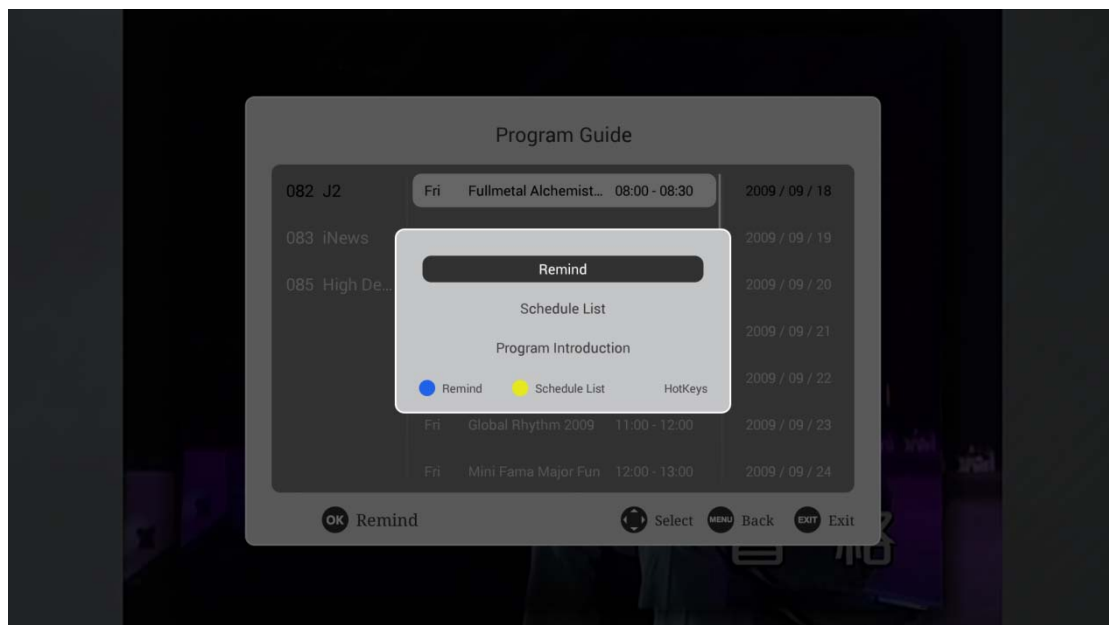
Functiebeschrijving:

Elektronische ProgrammaGids (EPG) bevat programma-informatie die nu of in de toekomst wordt uitgezonden. De EPG is verdeeld in 3 kolommen: Kanaal, het programma met dag en tijd en de datum.

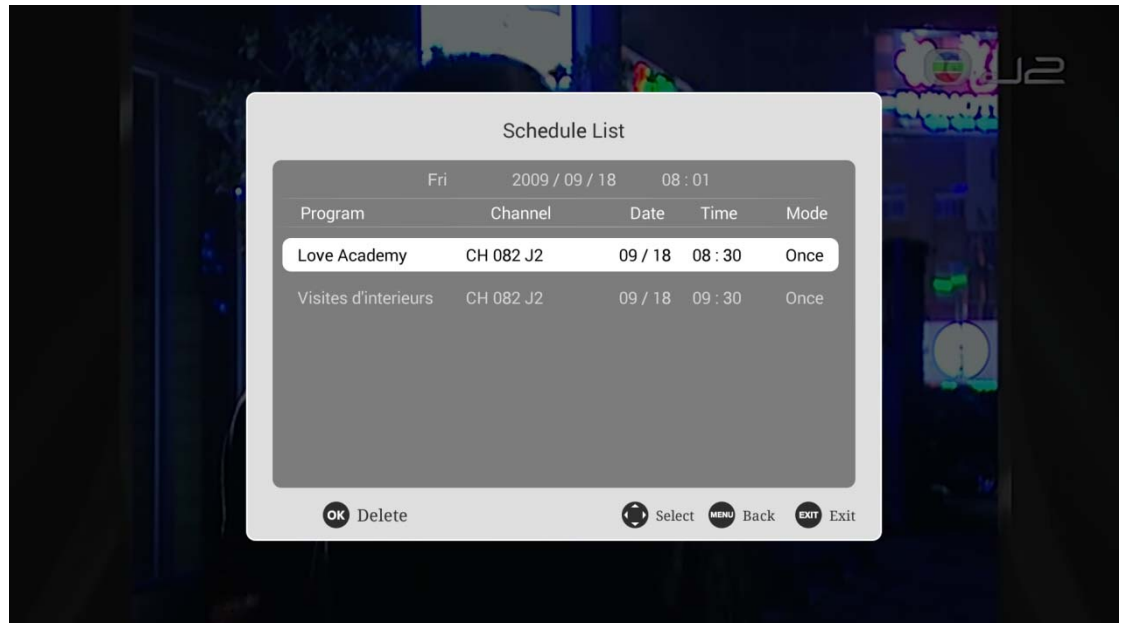
U kunt kiezen uit verschillende programma's en verschillende data. Scroll door de lijst totdat u het gewenste programma hebt.

De elektronische gids heeft ook de functie om een programma te markeren als herinnering. Scroll naar het programma, druk op OK in het programma menu en het programma is geselecteerd om u, op een later tijdstip, er aan te herinneren.

Het herinneringsmenu ziet er als volgt uit:



Selecteer Remind, dan krijgt u op het gewenste tijdstip een herinneringsbericht op uw tv. Schedule list is een lijst met programma's waar u een herinnering voor hebt ingesteld.



1.1.8 Program Edit (programma bewerken)



Het *Program Edit* menu toont de basisinformatie van alle tv-programma's. Druk op de select knop. Er volgt dan een nieuw menu waar u verschillende eigenschappen voor het programma kunt instellen zoals favoriet, verwijderen of overslaan.

Program Edit menu (programma bewerken menu):

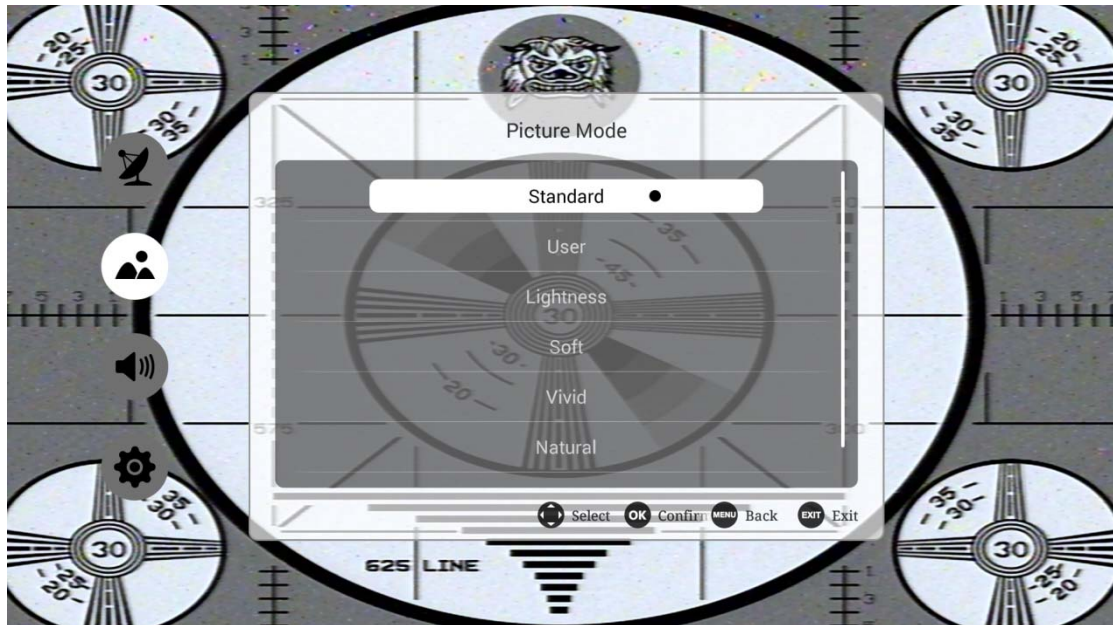


2) Functies van de knoppen

Knop	Range	Omschrijving
Favorite	ATV/DTV	Stel programma als favoriet in
Delete	ATV/DTV	Verwijder huidige kanaal
Skip	ATV/DTV	Kies of u het huidige kanaal wilt overslaan bij het afstemmen van CH +/- kanalen.

1.2 Beeldinstellingen

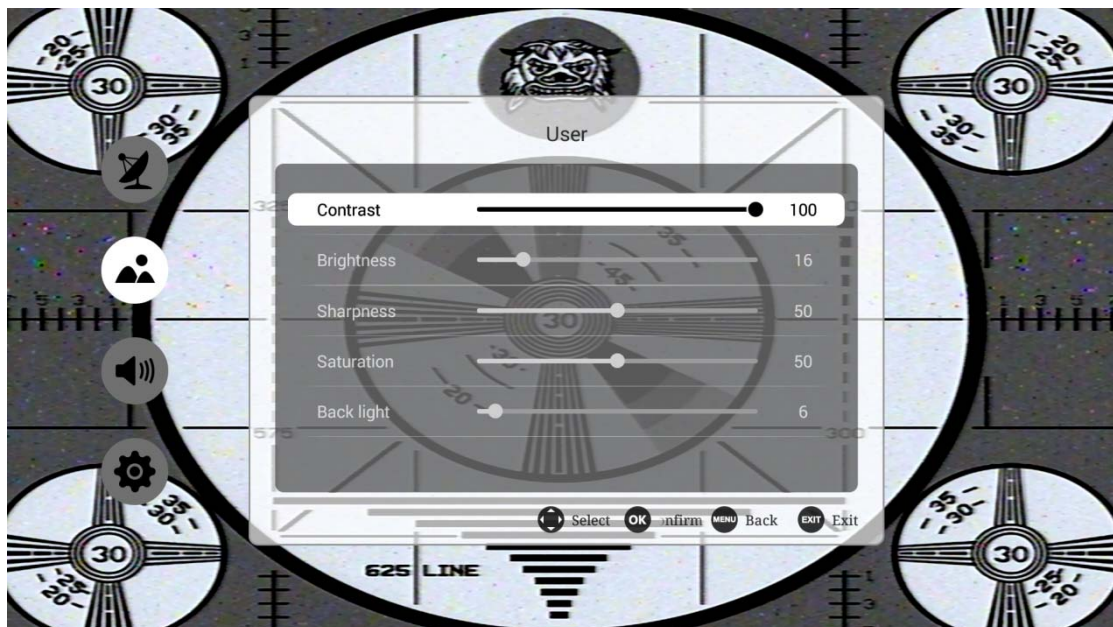
1.2.1 Het beeld instellen



Functiebeschrijving:

Item	Adjust Range	Default	Description
Picture mode	Standard->user->Lightness->soft->vi vid->Natural ->sport	Standard	Change the different picture mode to change the real picture Effect in non user mode

2) user mode



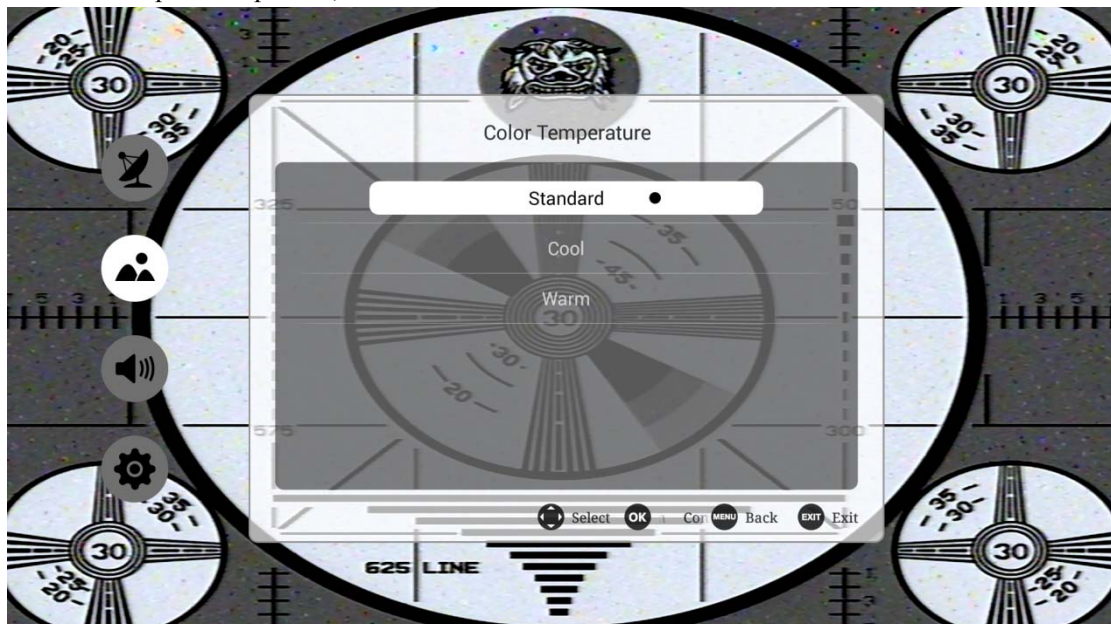
User mode Description:

The page in user mode provide the user to adjust picture parameter to achieve their prefer image quality.

Item	Description
Contrast	Adjust contrast for user operation
Brightness	Adjust Brightness for user operation
sharpness	Adjust sharpness for user operation
saturation	Adjust saturation for user operation
Back light	Adjust Back light for user operation

1.2.2 Color Temperature :

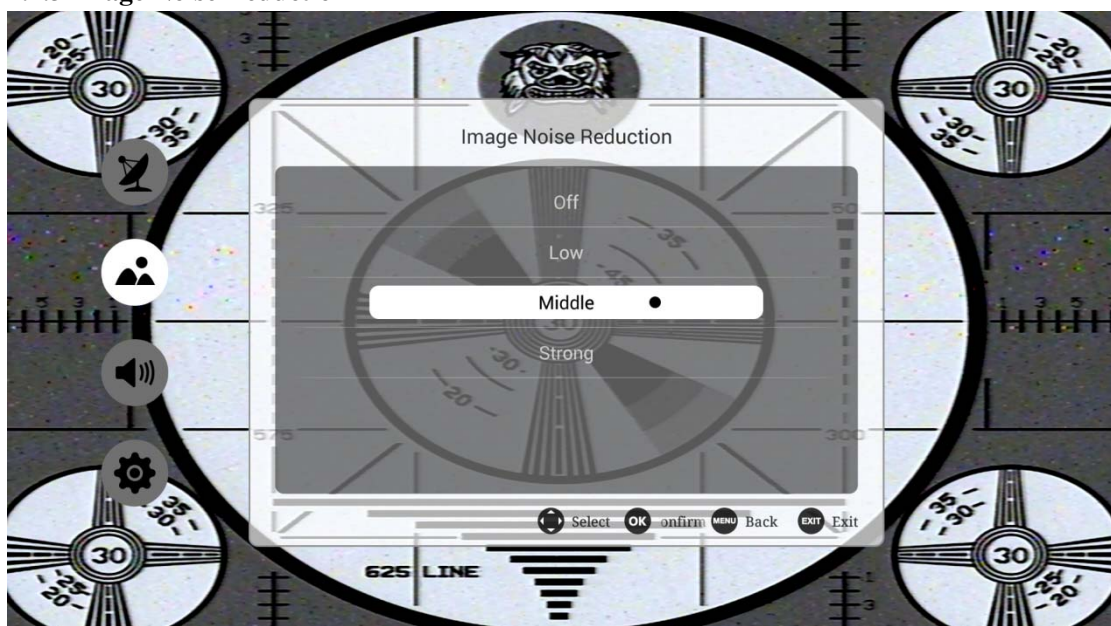
Color Temperature picture;



Function Description :

Like picture mode ,color temperature is also the factor that influence the final image quality. It provides 3 different color Temperature: Standard ,cool ,warm .

1.2.3 Image Noise Reduction



Function Description:

Image Noise Reduction is the Function that reduce image noise and improve picture quality.

Item	Description
OFF	Close Image Noise Reduction Function
Low	Set Image Noise Reduction level low
Middle	Set Image Noise Reduction level middle
Strong	Set Image Noise Reduction level Strong

1.2.4 Zoom mode

1)Function Instruction

Input source	Panel resolution
ATV/DTV	16:9,4:3,Auto, Zoom1, Zoom2
HDMI	16:9,4:3,Just Scan, Zoom, Zoom2
VGA	16:9,4:3

1.3 Sound

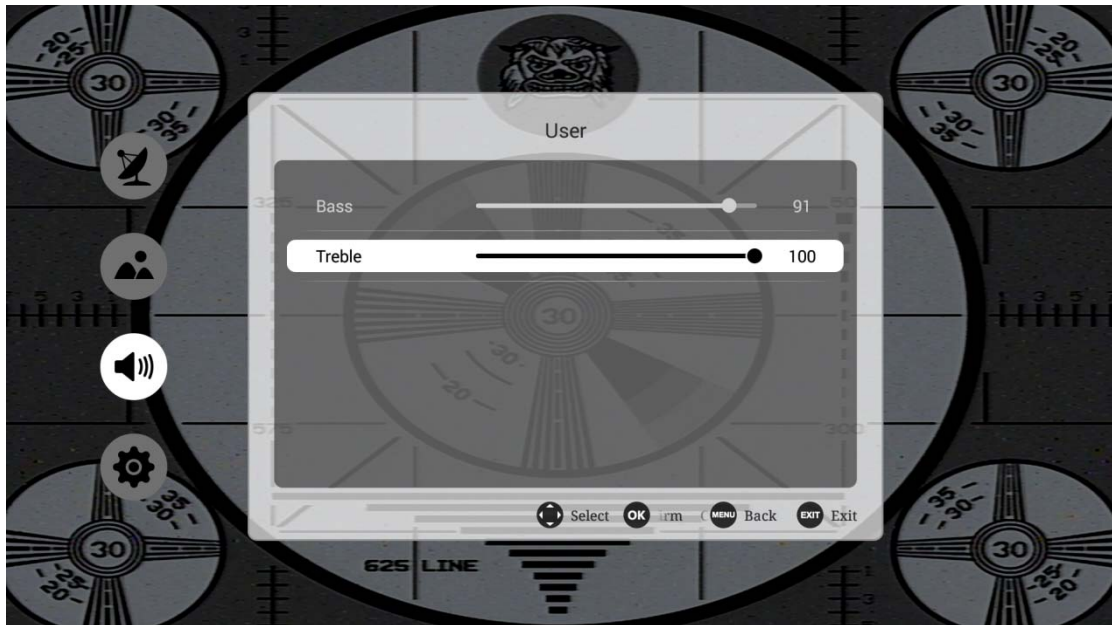
1.3.1 sound system



Function and Description;

Item	Adjust Range	Default	Description
sound mode	Standard->user->Music->Movie->Sports	Standard	Change the different sound mode to change the real sound Effect in non user mode

2) Sound user mode



Function Description:

Column	Description
Bass	Adjust low sound Effect(0-600HZ)
Treble	Adjust high sound Effect (more 1000HZ)

2) Operation instruction:

Adjust: LEFT,RIGHT control data size;

1.3.2 Balance

Balance picture



1) Operation instruction:

Adjust sound balance: LEFT,RIGHT control data size;

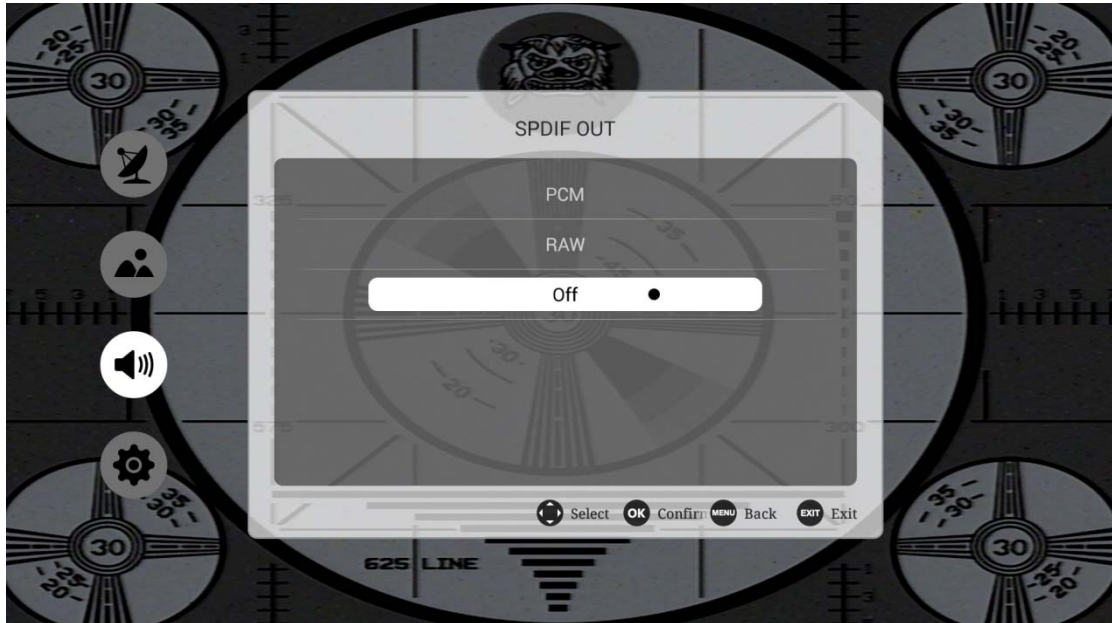
1.3.3 AVC/Surround



1) Function Declaration :

The switch of open or close AVC ,Surround

1.3.4 SPDIF OUT



Function Description:

SPDIF OUT is make the sound from AV port flows than speaker

PCM	Make the sound out in PCM
RAW	Make the sound out in RAW
OFF	Close the function of SPDIF OUT

1.3.5 Alone

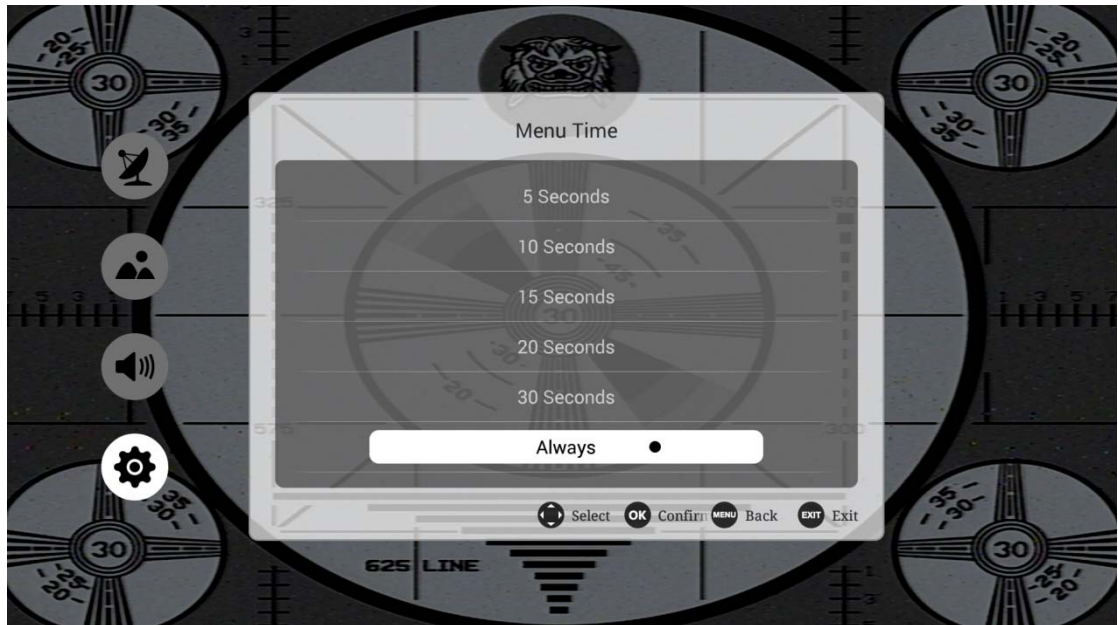
1) Function Declaration :

Alone means listen only, if you want to just listen the program, choose it and the screen will black.

Note : Press “menu” can cancel Alone state.

1.4 Advance

1.4.1 Menu time



Item	Adjust Range	Default	Description
Menu time	5s->10s->15s->20s->30s->Always	5s	Change the menu stay time

1.4.2 Sleep Time



1)Function Description:

Item	Adjust Range	Default	Description
Sleep time	Off->10Min->20Min->30Min->60Min->90Min->120Min->180Min->240Min	Off	Change the menu sleep time(if you choose 20 min, then the tv will shut down after 20 min)

1.4.3 Blue Screen

Function Description :

Blue Screen on: set tv background Blue Screen.

Store mode picture.

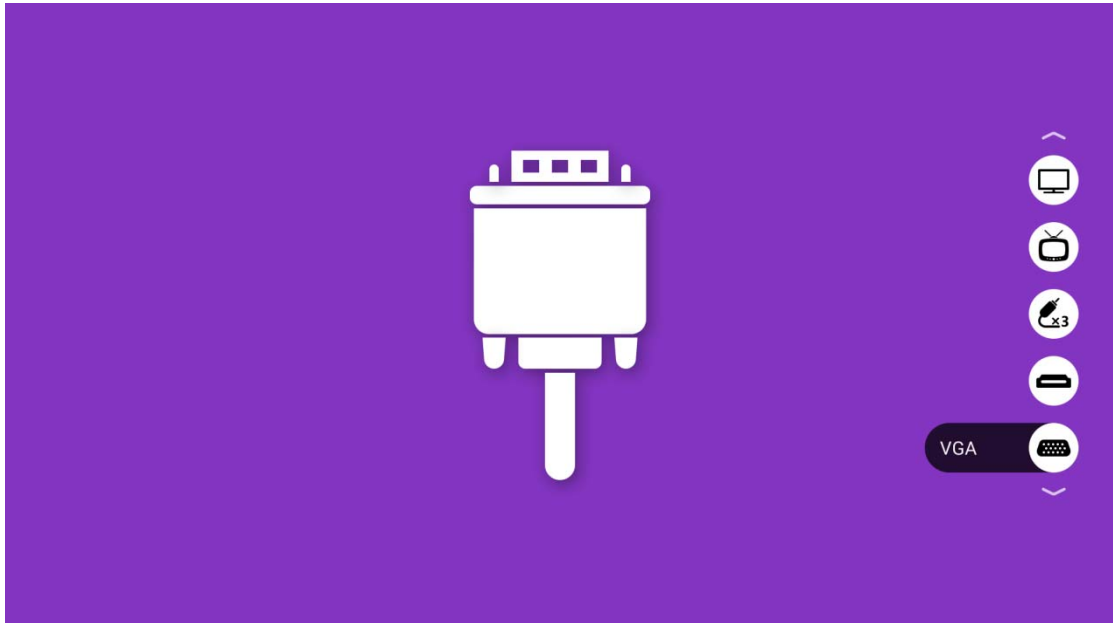
1.4.4 Restore To Default

Restore To Default picture.



Function Description:reset all menu state to default,such as Menu time to default value(5s).

1.5 Input source Menu



1) Function Description:

In TV interface, if you want to change channel, you can press the source key to launch tv source change application to select different channels.

2) Note:

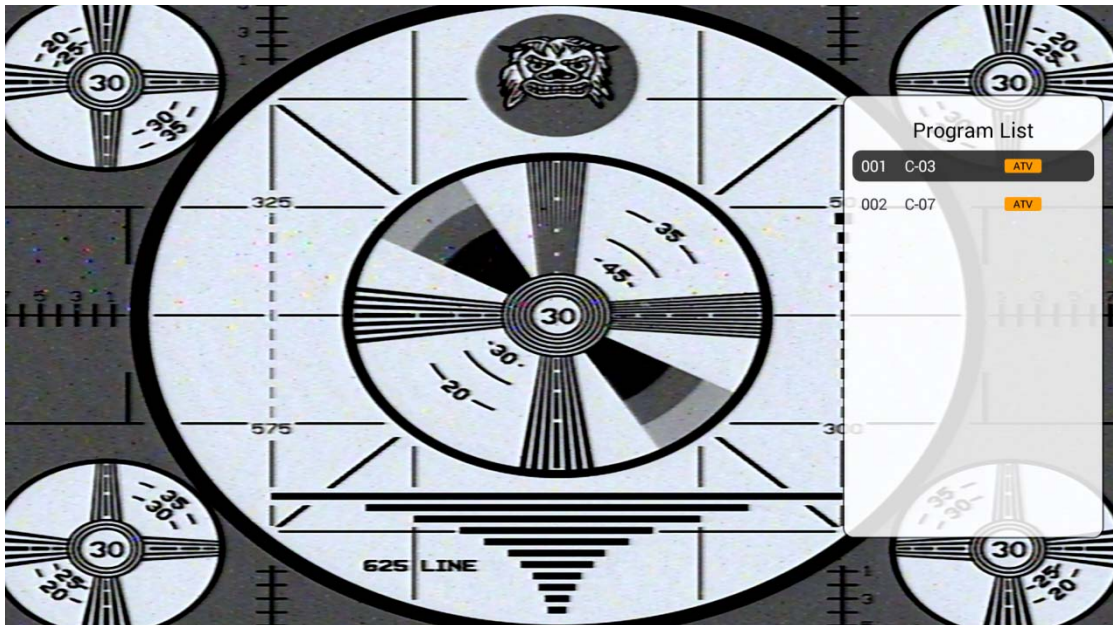
Press “source” to launch input source menu and Then up/down/Ok to select correct Input source.

1.6 EPG

Function Description:

It is the same as program Guide interface.

1.7Channelist



1) Function Instruction:
All tv channel shows in a list menu.

1.8 Personal Video Recorder (PVR)

1.8.1 PVR file system

PVR function is only available for DTV, includes Record, Timeshift and Playback function. Recording includes in time record and preserve record. In-time record can be worked through short-cut key immediately, and preserve record need to preserve before. Record and Playback can be done of the same time, that means record DTV and playing USB equip at the same time. Timeshift is another function for both record and playing together. The follows it would explain in details.

Enter PVR from CHANNEL menu, as follows:



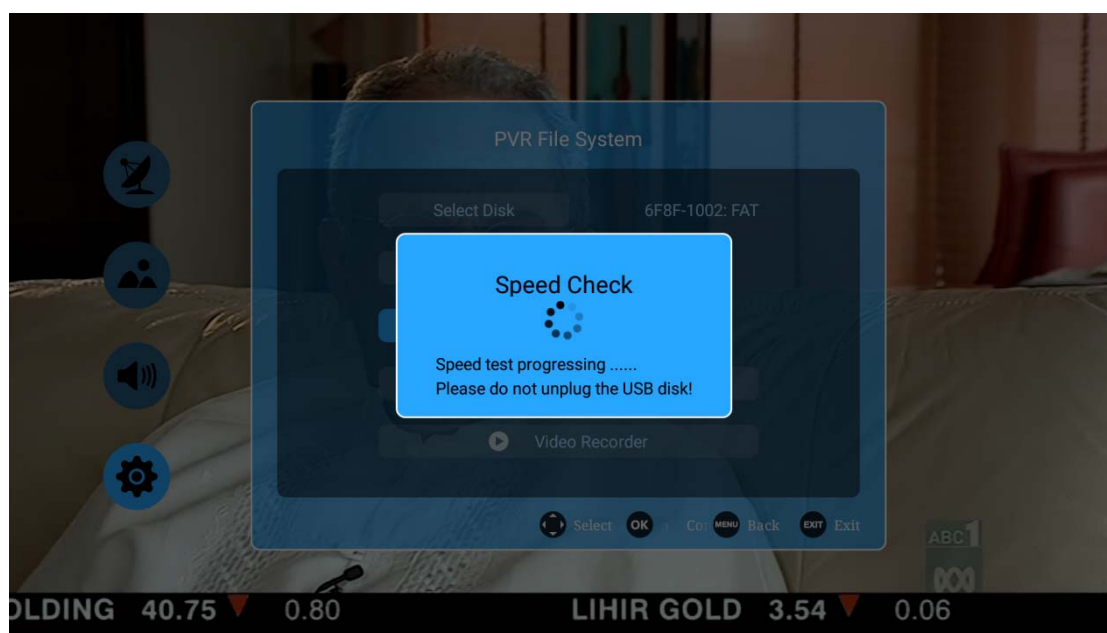
Function Description:

Item	Description
Select Disk	Choose the disc to store whatever content need record
Speed check	Check usb speed
Format	Storage format
Recode list (shortcuts “index”)	The list of record program
Video record(shortcus “Record”)	Start record

1) Speed check: Check storage equipment PVR File System is well established. Default as Start, OK/Enter and Right key to inspect the USB files system and speed, the processing shows Checking...; When no inserting USB, or inspection failed, it shows FAIL; When inserting USB but didn't pass MStar Format, enter Format menu; When inserting USB but inspecting unnormal no partition, it shows No Partition

2) Format: At Format, press OK/Enter or Right key to start Checking PVR File System, after confirmed USB equip information, it pop out Format Disk menu as follows:

Picture



3) Channel - Recorder List 1) pattern for reference The menu is as follows,

Picture



Menu(shortcut key) Function Description:

Menu	Description
Ascend	Select forward
Sort	Change the order in list based on LAN or time
Delete	Delete program in record list

4)PVR –Record Mode

1.simple mode ,

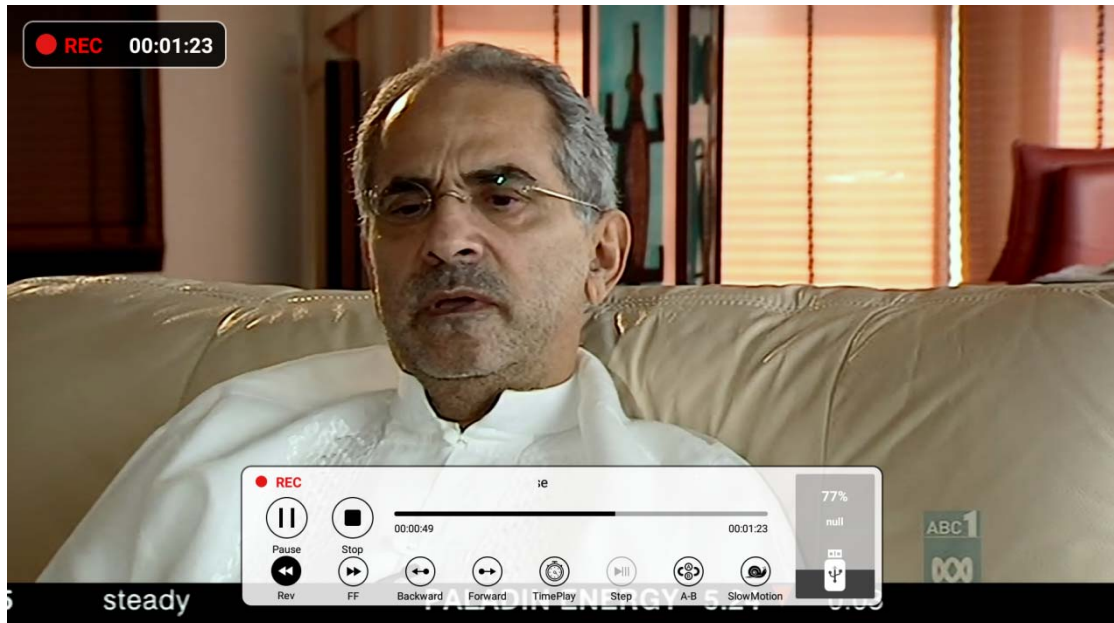


Note:

Sime mode just shows the REC and record time.

2. all mode

Picture



Note:

All record mode shows REC and Time shift.

1.8.2 Time shift

Function Description



Function Description:

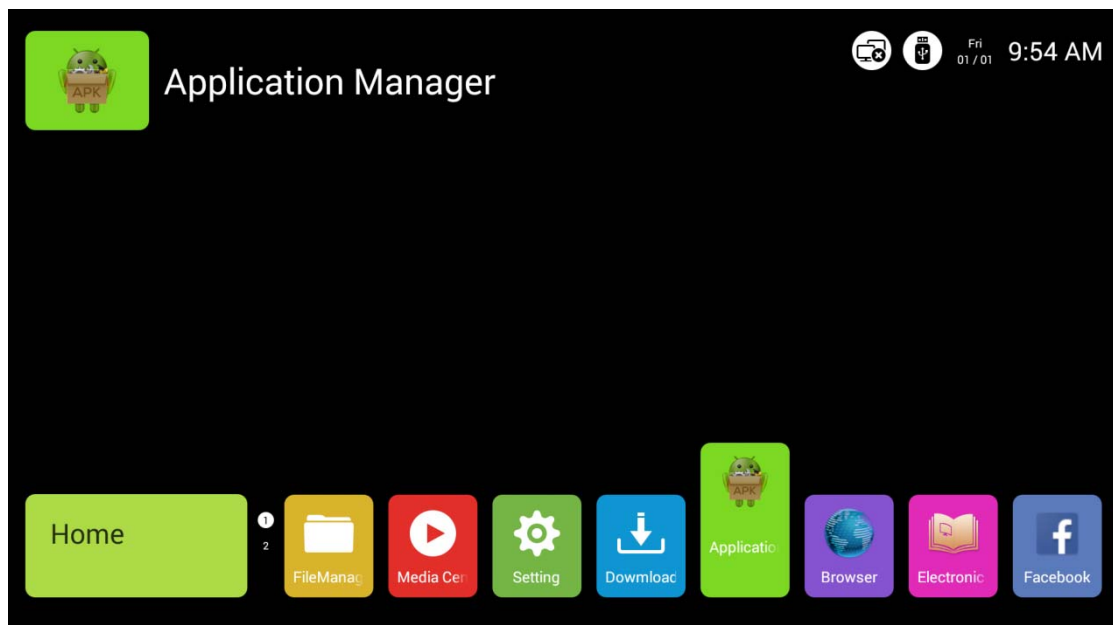
Timeshift menu Timeshift is similar with Record menu, includes two kind: one is Full Mode and the other is Simple Mode. They can switch by Exit key. At Timeshift mode, Timeshift keeps still.

Key	Function
Pause	Start timeshift play
Stop	Stop Timeshift mode
Rev	Return to Timeshift Play condition and previous playing for 30 seconds; If previous to Timeshift recorded content, play it from this place
FF	Return to Timeshift Play condition and next playing for 30 seconds ; If previous to Timeshift recorded content, play it from this place
Timeplay	At Timeshift Play condition, the system record

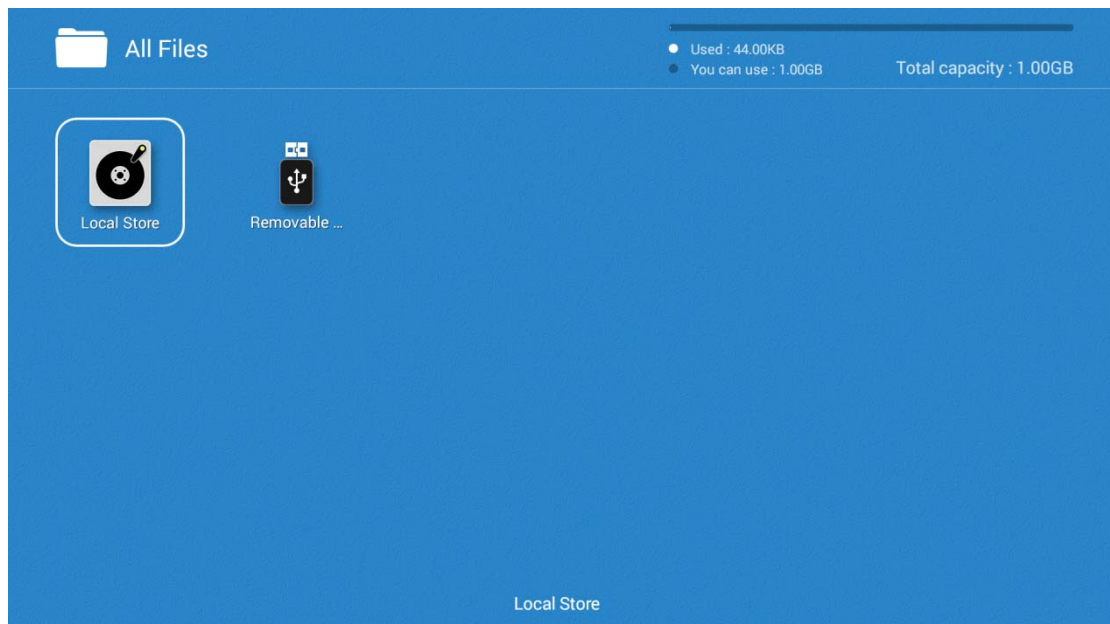
	DTV and play it at the same time.
Backward	Fast Rewin
Forward	Fast Forward
A-B	A->B circle signs, when mark A or B, highlight showings, which only show at play condition.
Slow Down	Play slow down

2. Launcher app

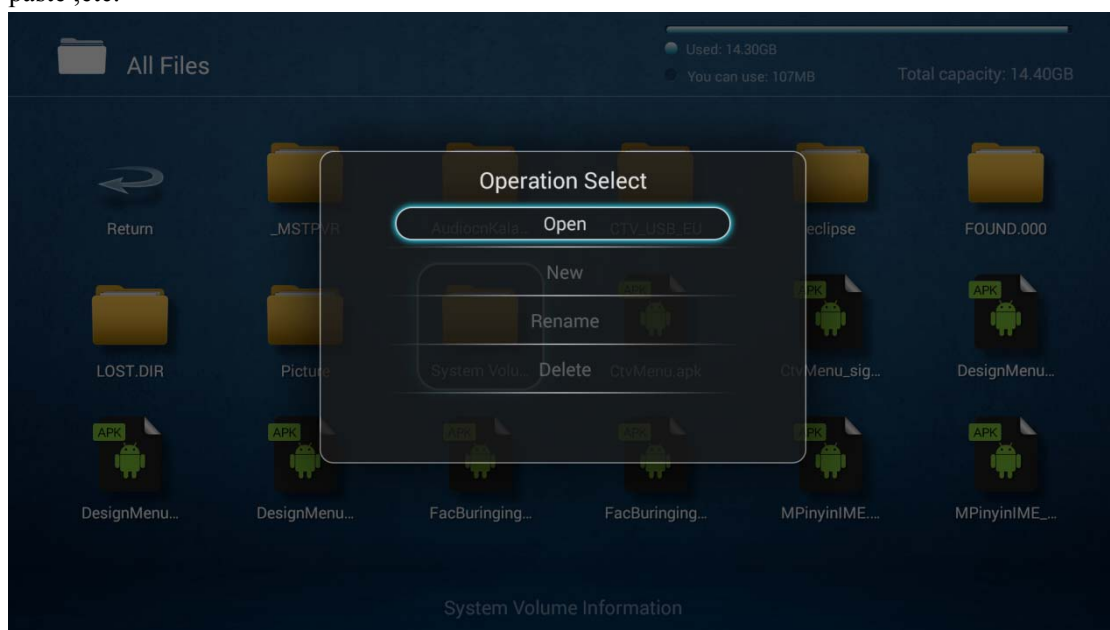
The basic four application in our system is AppManager, Media Center, FileManager , Settings. They are providing the most common function of manager the tv system in launcher,such as file operator, music,application installer or uninstaller.



2.1 FileManager

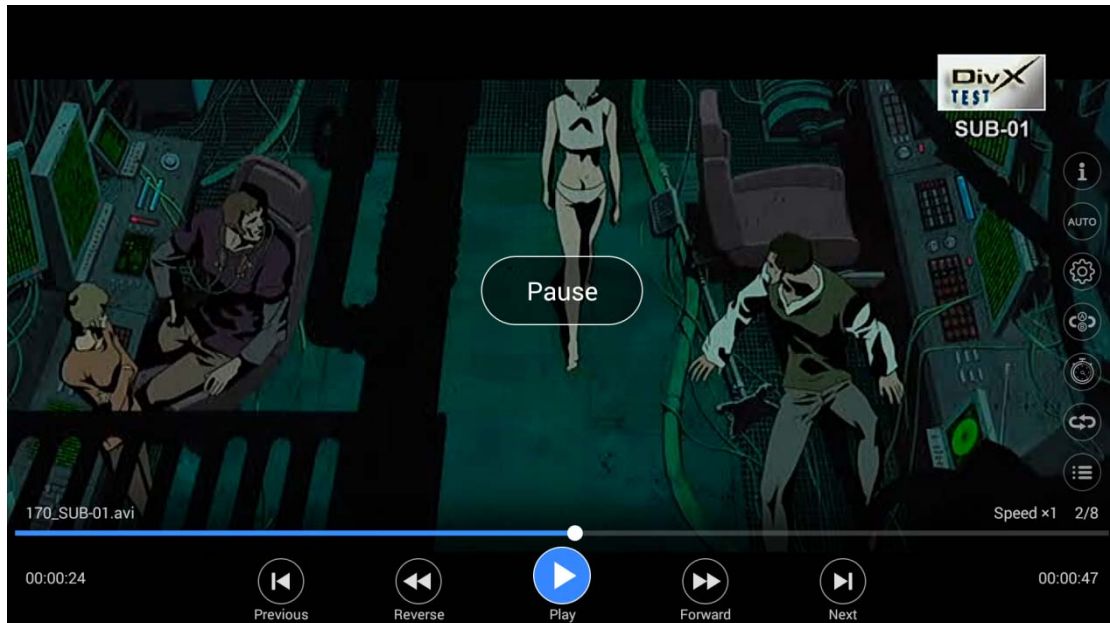


Function Description :The filemanager is used to show and operater all files in local store and USB.You can perform file operations by menu key ,the file operation include delete, copy, paste ,etc.



2.2 Media Center

2.2.1 video in media center



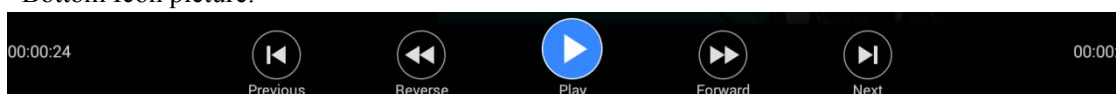
Left Icon picture:



Function Description:

Icon	Name	Descriptions
	Video Informations	Show the information of vedio which is playing,like Filename ,file formation
	Aspect ratio	Adjust video resolution
	Play set	Set breakpoint ,subtitles and track number
	Play back	Set playback on point A
		Set vedio play in a specifit time
	Play mode set	Set sound in single cycle/all cycle/random
	Play list	A playlist show all program

Bottom Icon picture:

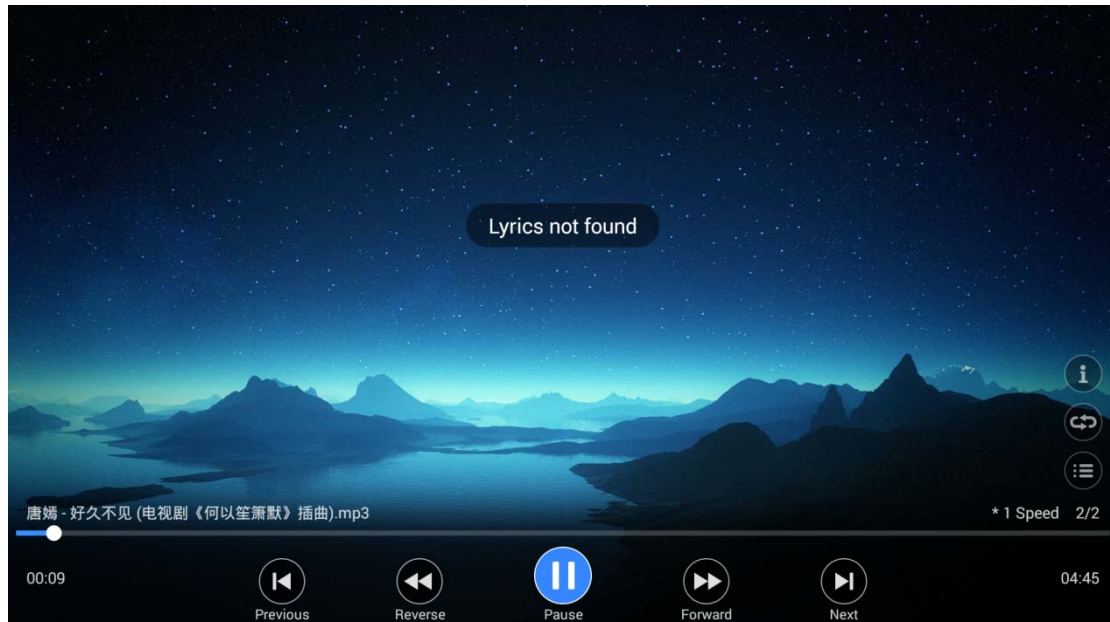


Bottom Icon :

Name	Description
------	-------------

Previous	Play last program
Reverse	Play in backward(in different speed)
play	Stat or stop play video
Forward	Play in forward(in different speed)
Next	Play next program

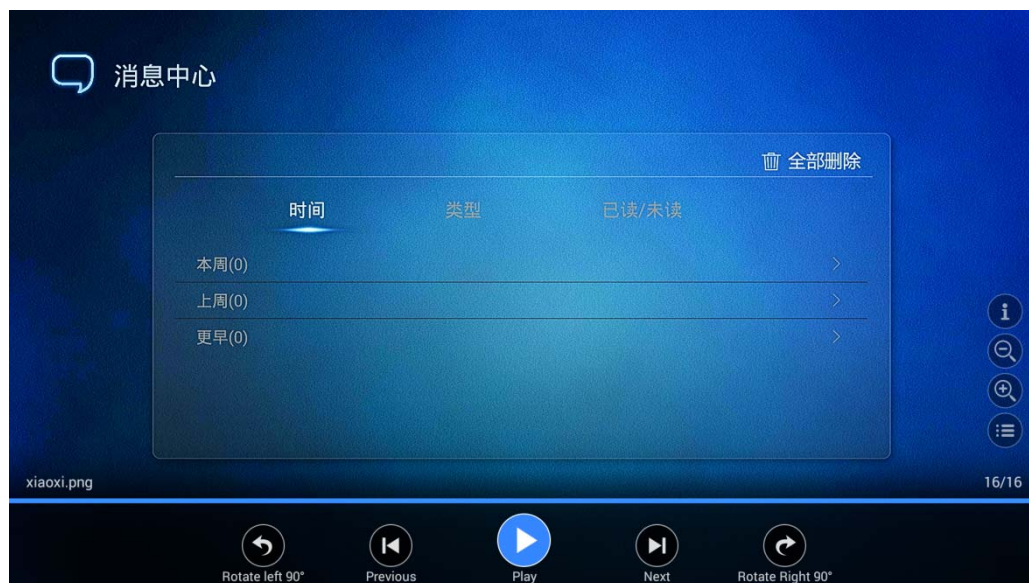
2.2.2 music in media center



1) Function Description:

The function of icon is the same as this icon in video.

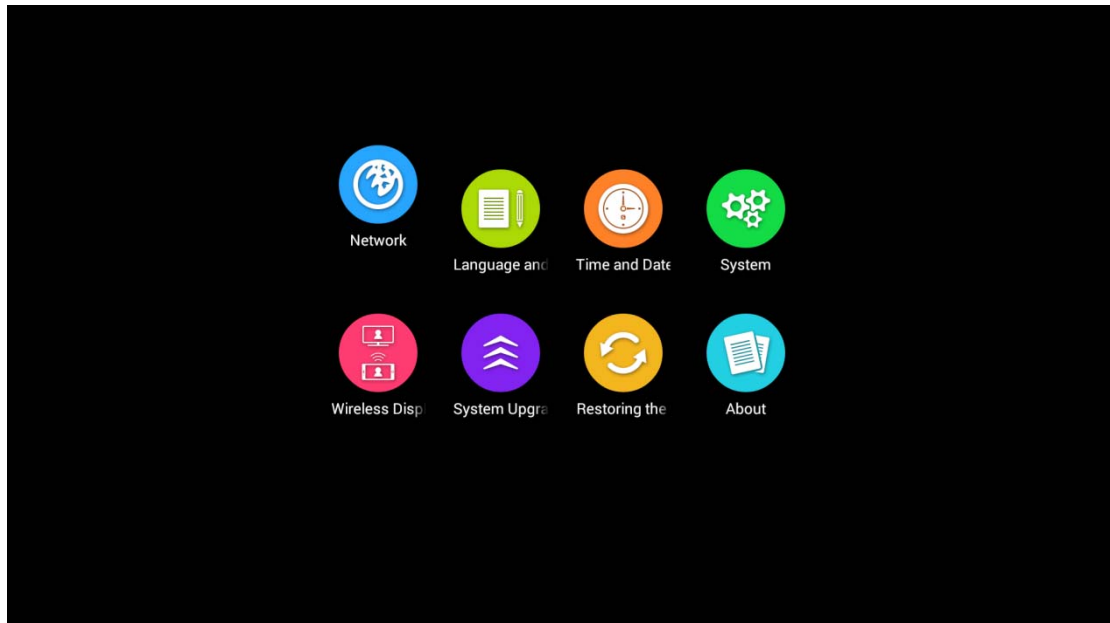
2.2.3 picture in media center



1) Function Instruction:

The function of icon is the same as this icon in video.

2.3 Setting

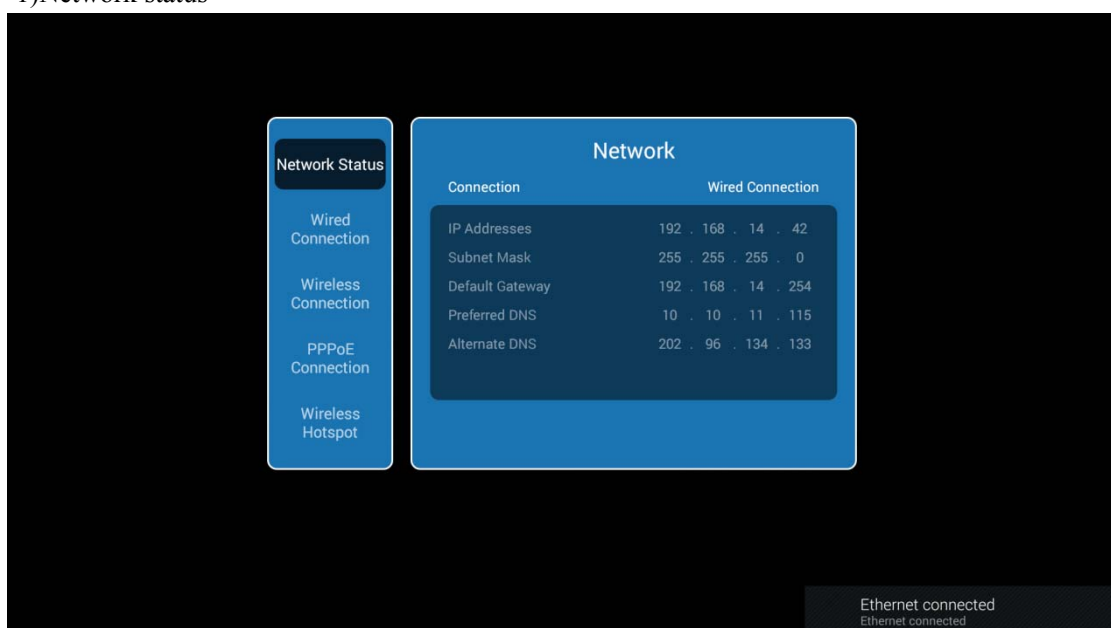


Function Description :

Item	Description
network	Network setting
Language and input	Set OSD language and input mehtods
Time and date	Set time zone and current time
system	Some system information on tv
Wifi display	Set wifi display on
System Upgrade	System Upgrade
Restore the factory	Reset the seting in default mode
About	About tv in formation

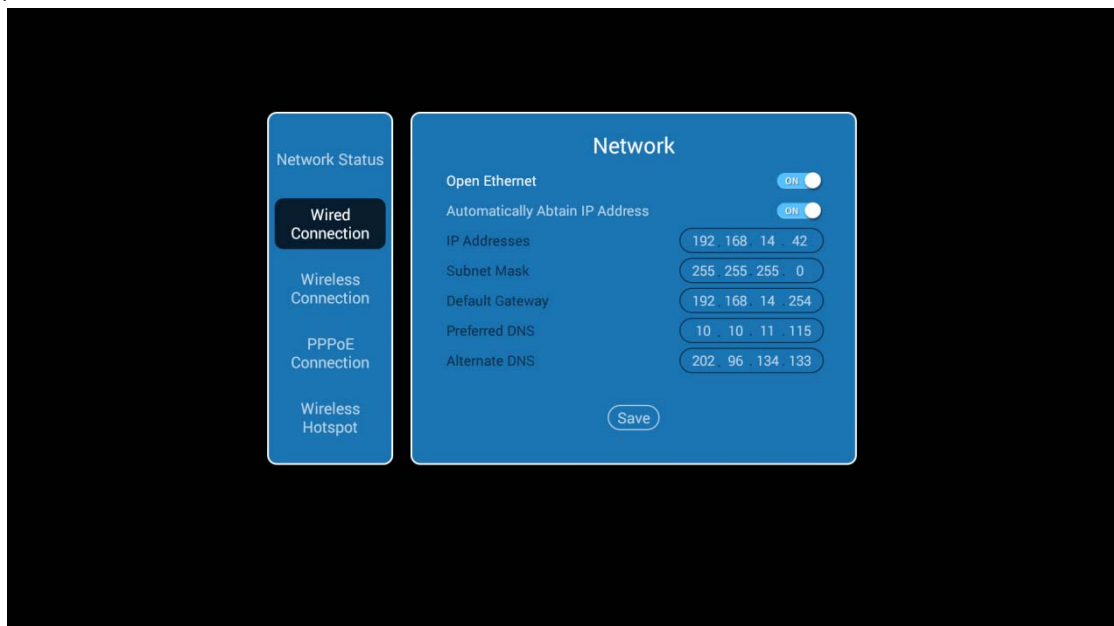
2.3.1 Networksetting

1)Network status



Function Instructions: Show the net status .

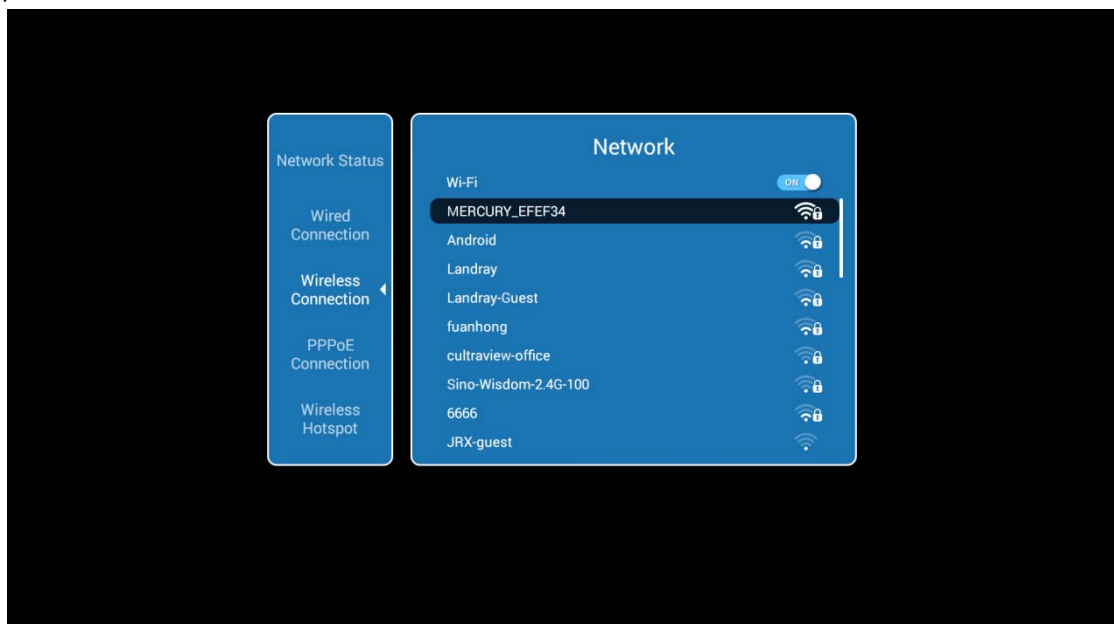
2) wired Connection

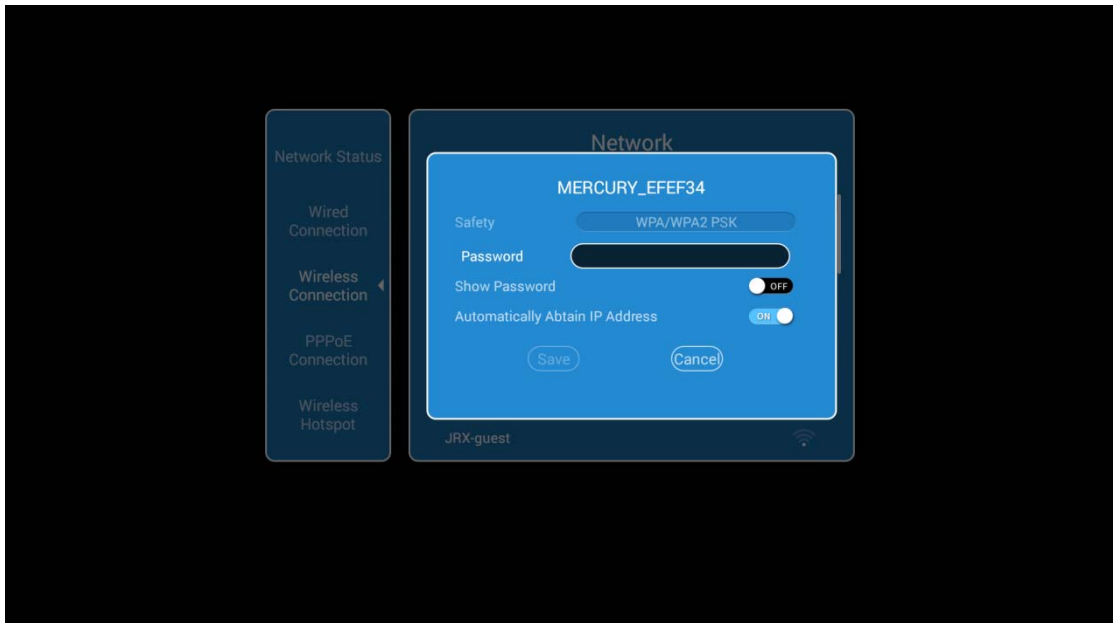


note:

press "open Ethernet" to open or close wired Connection

3) wireless connection

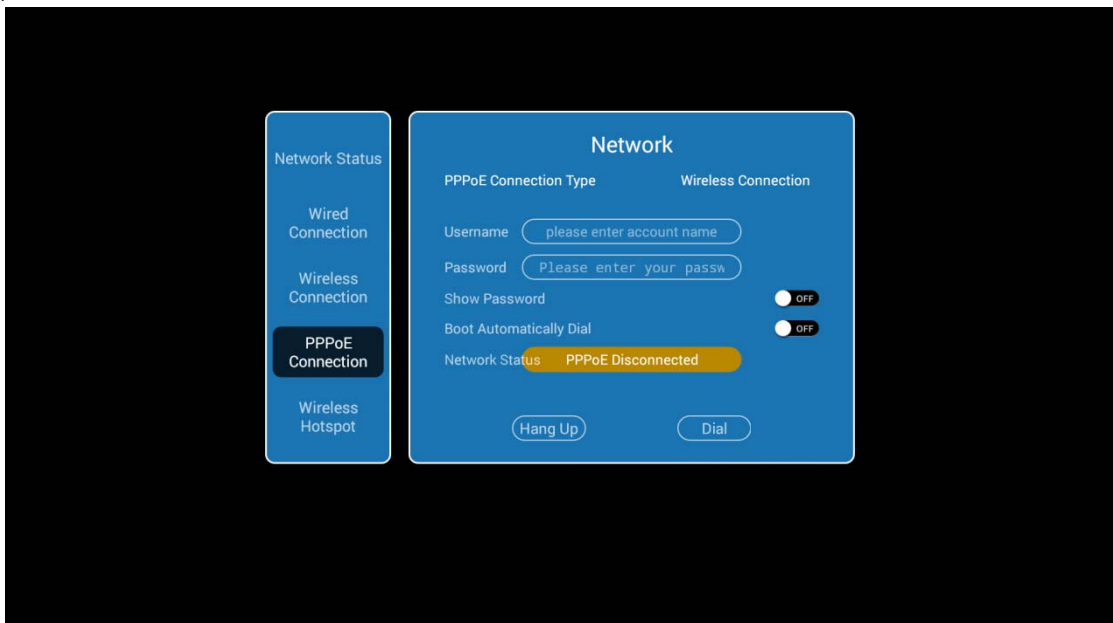




note:

press “wi-fi” to open or close wired Connection.press wifi name,then input the password to link wifi.

4) PPPoe connection



Note:

Input username and password ,the Dial ,you can connect your PPPoe account.

5).wireless hotspot



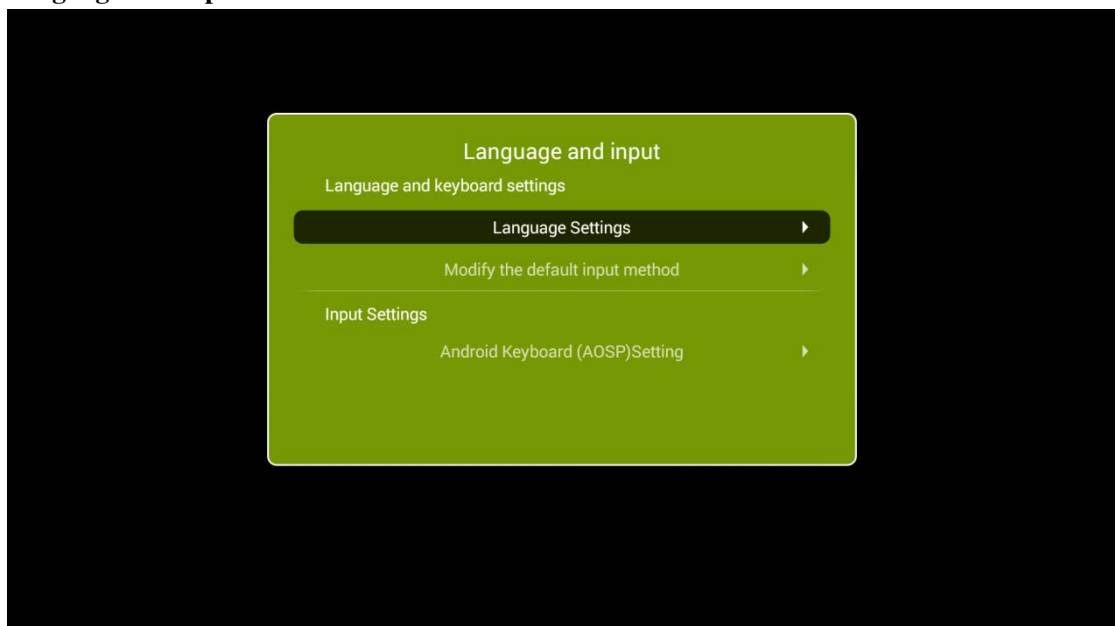
1)Function description:

Make you tv be a wireless hotspot to be used for other device.

2) Note:

First, connect a open net, secondly input your ssid and password. finally ,saved it and you can find a ssid in your phone,then you can use it.

2.3.2 language and input



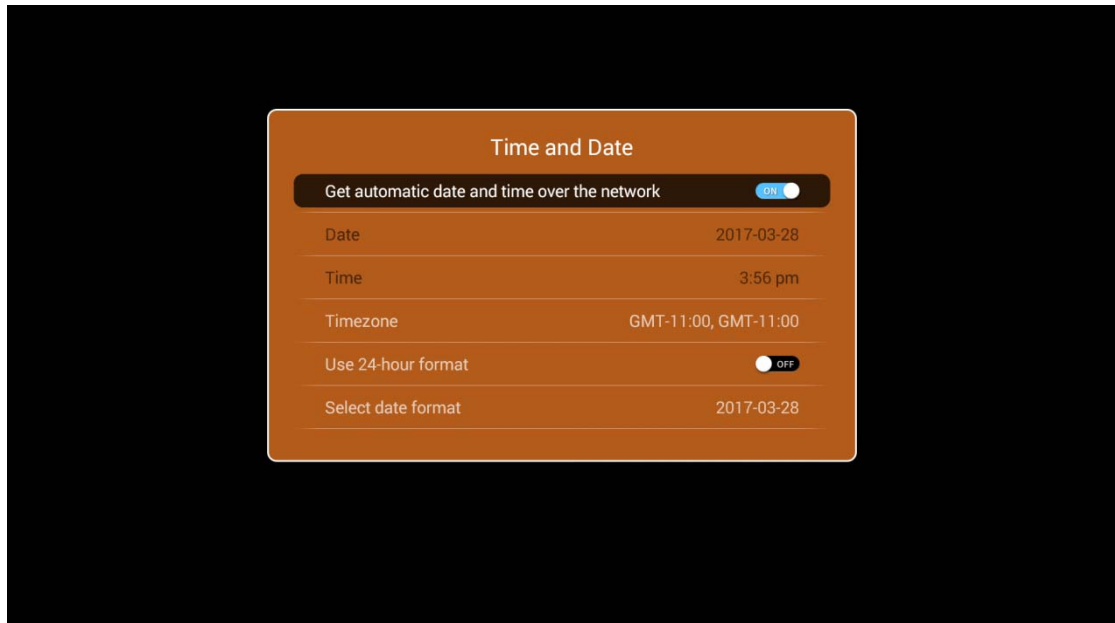
Function

Operation:

Press Column “Language Setting” to change OSD language

Press Column “Modify the default input method” to change input method

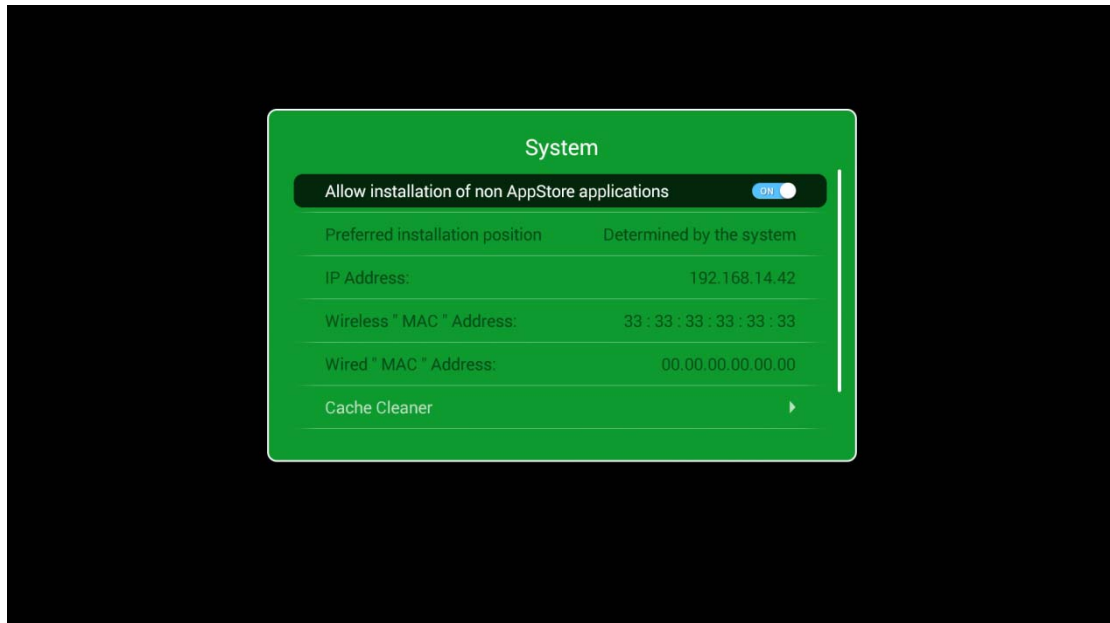
2.3.3 Time and date



1)Function Description

Column	Description
Get time and date over network	ON: Get time and date over network OFF:get time and date over tv
Use 24-hour format	ON: Use 24-hour format OFF:Use 12-hour format
Select date format	1:Month-Day-Year 2:Day-Month-Year 3:Year-Month-Day
TimeZone	Set the Timezone. Enter second menu, use UP,DOWN to set time zone:canary GMT ./Lisbn GMT /London GMT /Amsterdam GMT+1.....

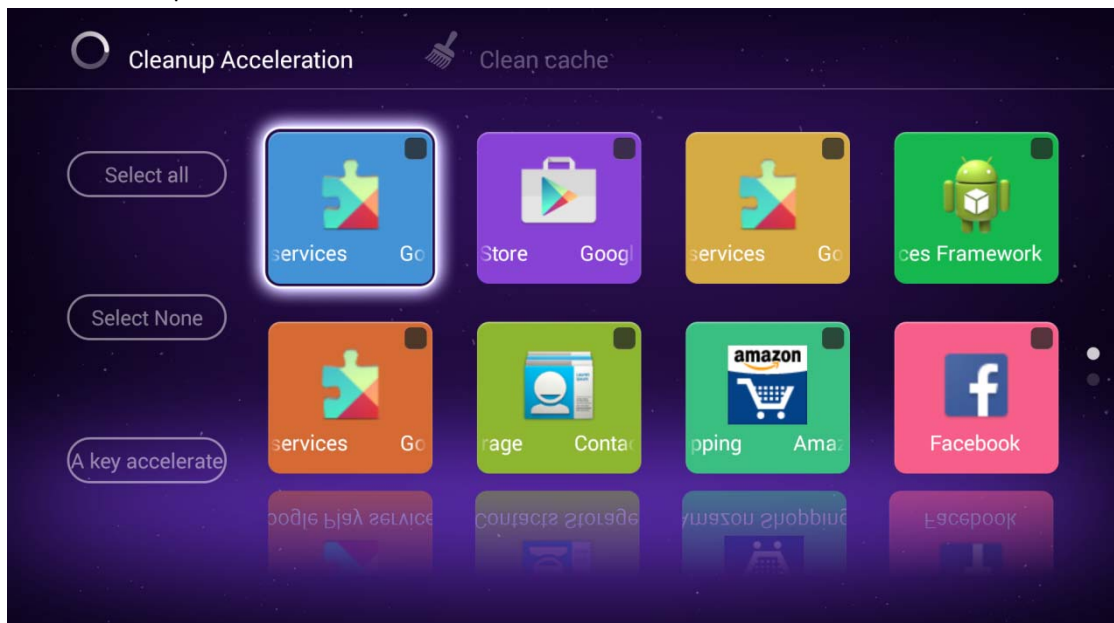
2.3.4 System



1) Function Description:

Item	Description
Allow install of non appstore application	ON: Allow install of non appstore application OFF: not allow install of non appstore application
Cache cleaner	Clean cache
Google Account Manager	Show Google account information

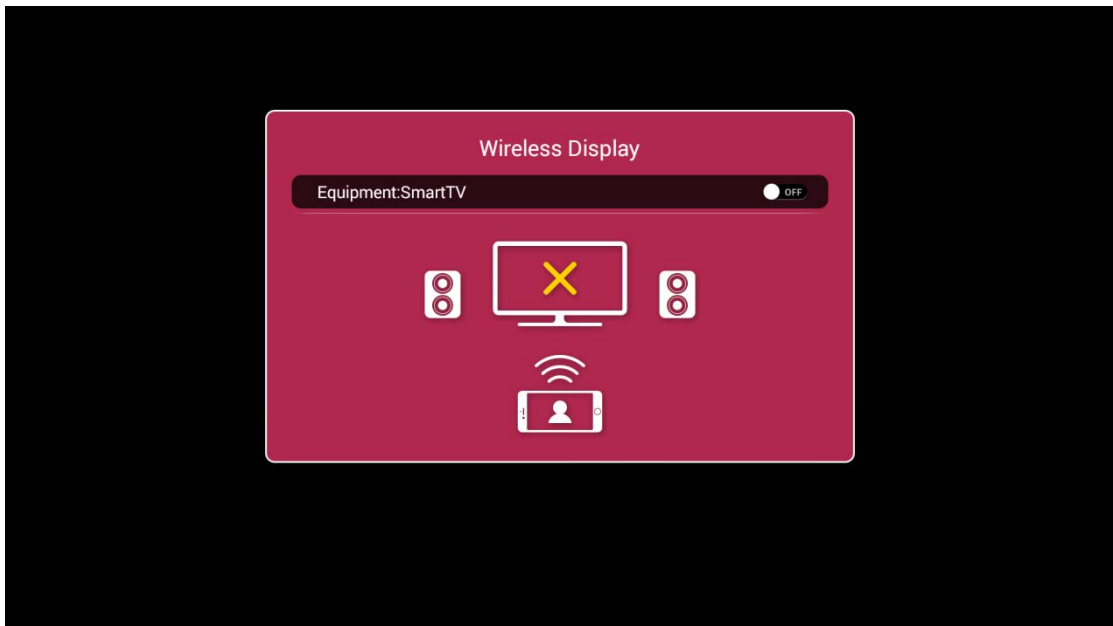
Cache cleaner picture:



1)Function Instruction:

Clean cache and accelerate system.

2.3.5 WIFI display



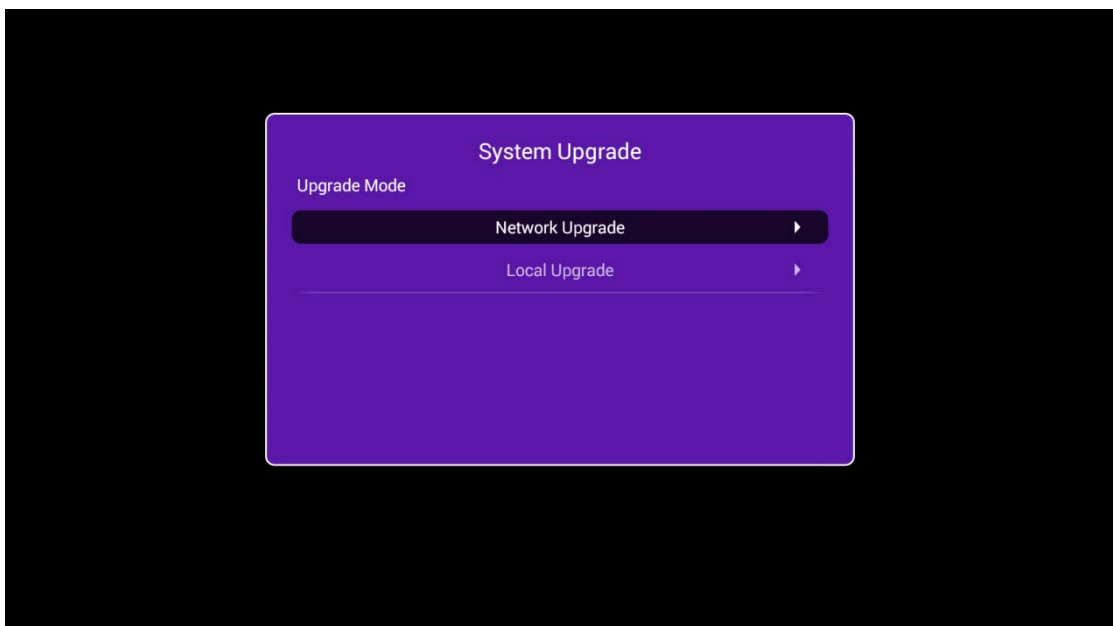
Function Description :

Make you phone image cast down on TV

Note:

ON: open this function.

2.3.5 System upgrade



Note:

If use Networkupgarde ,you need connect your net first;

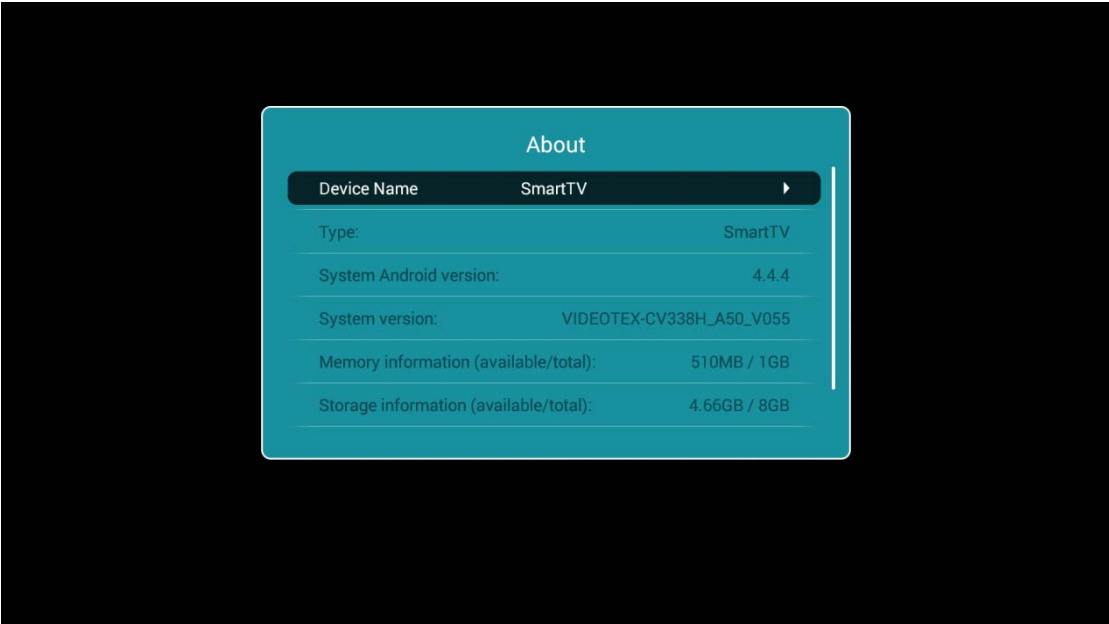
Local upgrade, need a upgrade bin in your USB.

2.3.6 Restoring the factory state:

Description:

Restore factory settings, recovering the stats after leaving factory.

2.3.7 About

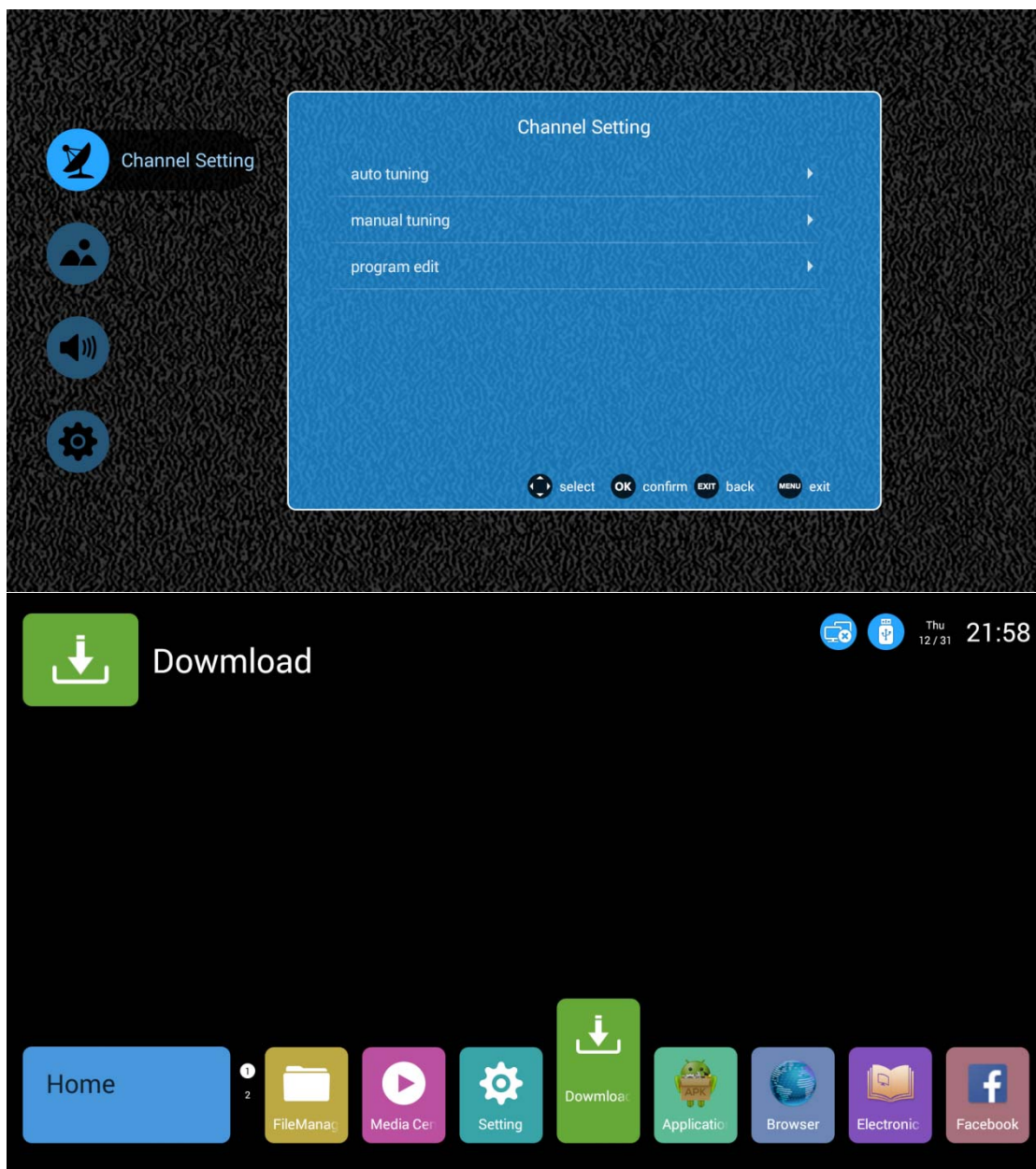


Function Description: some information about tv

Item	Description
Device Name	The name of tv device
Type	
System Android version	Android version
System version	Software version
Memory information	
Storage information	
CPU	

3.styles

In our new Ui system, we have a new advanced functions. The basic background of Tv can change with time.The tv will change its color when the time go day or night to protect the user’s eyes.Following are the night tv and night home.



SPECIFICATIONS

RGB INPUT

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
DOS	720x400	31.5	70
VGA	640x480	31.5	60
SVGA	800x600	37.9	60
XGA	1024x768	48.4	60
WXGA	1920x1080	67.5	60

HDMI INPUT

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
VGA	640 x 480	31.47	59.94
480i	720 x 480i	15.73	59.94/60
576i	720 x 576i	15.63	50
480p	720 x 480p	31.47	59.94/60
576p	720 x 576p	31.26	50
720p	1280 x 720p	37.50 44.96	50 59.94/60
1080i	1920 x 1080i	28.13 33.75	50 59.94/60
1080p	1920 x 1080p	56.25 67.5	50 59.94/60
2160p	3840x2160p		

COMPONENT VIDEO (YPbPr) INPUT

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
480i	720 x 480i	15.73	59.94/60
576i	720 x 576i	15.63	50
480p	720 x 480p	31.47	59.94/60
576p	720 x 576p	31.26	50
720p	1280 x 720p	37.50 44.96	50 59.94/60
1080i	1920 x 1080i	28.13 33.75	50 59.94/60
1080p	1920 x 1080p	56.25 67.5	50 59.94/60

Due to continuous product development, specifications are subject to change without prior notice.

Troubleshooting

Before consulting service personnel, check the following chart for possible solutions.

PROBLEM	SOLUTION
TV will not turn on	● Make sure the power cord is plugged in. ● The batteries in the remote control may be drained; replace the batteries.
No picture, no sound	● Check the cable between TV and antenna/ external AV device. ● Press the power button on the remote. ● Press the SOURCE button the remote, then press the “▲/▼” button repeatedly to select the TV source.
Poor picture, sound OK	● Check the cable between TV and antenna/ external AV device. ● Try another channel, the station may have broadcast difficulties. ● Adjust the brightness/contrast in the Video menu. Check that the unit is set to PAL
Audio noise	● Move any infrared equipment away from the TV.

The TFT LED panel uses a panel consisting of sub pixels which requires sophisticated technology to produce. However, there may be a small number of bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

Useful Information and Licences

Other europe language manual is available at the following internet address:

<http://www.rca-europe.com>

E-Mail: service@hkc-europe.com

Telephone number(BENELUX Support): +31 33 828 0628

Telephone number(Other EU Country's):+31 33 828 0628

EC directives internet address:

<https://eur-lex.europa.eu/browse/summaries.html?locale=en>



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.



Notes for Battery Disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.

MPEG-2 NOTICE

Any use of this product in any matter other than personal use that complies with the MPEG-2 standard for encoding video information for packaged media is expressly prohibited without a license under applicable patents in the MPEG-2 Patent Portfolio, which license is available from MPEG LA, LLC, 6312 S. Fiddlers Green Circle, Suite 400E, Greenwood Village, Colorado, 80111 U.S.A.

After-sale Service

If you should experience any service fault while you using LED TV, please contact the store where you purchased this unit or an accredited service agent.