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User manual

Afford Reassurance Products, Keep Excellent Service

WATERPROOF SMART TV
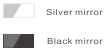
waterproof mirror tv series

- Black Mirror
- Silver Mirror

In order to pursue a better
and higher quality of life,
this is the meaning of the birth of waterproof TVs.
We will bring hope to those who have a bright future
for life and enjoy the luxury
and quality of senior service life.

new standard of luxury life

19 inch waterproof TV

Silver mirror
Pearl White
Black mirror
Black border

Package Dimension:635 x160 x450mm
Gross Weight:8kg

Remote control x 1
Power adapter x 1

DVB Digital Video Broadcasting
digital ✓
Freeview
HDMI
Full HD 1080P
MPEG 4
IP65

Key features

Screen size	19"
Active area	408/418（H）*255/262(V)
Brightness	250-350CD/M2
Viewing angle	175（H）/175(V)
Resolution	1440*900
Contrast	1000:1

Temperature range

Operating temperature	-10~65℃
Standby temperature	-10~75℃

Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

System

Video system	PAL, SECAM, DTMB
	(option)
Audio system	BG, DK, I, L/L' (option)

Android SYSTEM

CPU: ARM Cotex A53 Four Core
Frequency: 1.4GHz
GPU: Multi-core Mali -470MP2
Memory: 4 GB/8GB storage space
Flash Memory: 1G
Wifi: 2.4~2.5GHZ,IEEE 802.11b/g/n,
    10/100M auto-identification and DHCP
System: Android 7.1
OSD Language: (English,French,Spanish,Portuguese
    ,Russian,Arabic) (Option)

Analog signal impedance   75Ω

AV cable input   USB Move memory input
HDMI cable input   RF cable input

Stand-alone version
DC in x1   Rj45 in   x1   USB in   x1
AV in x1   MINI YPBPR x1   HDMI in   x2
RF in x1   Rs232 in   x1   EARPHONE out x1

Other

Speaker	3W x2
Language	English
Power consumption	≤25W , Standby<0.5W
Power supply	DC12V 4A

Dimensions

498 ·46· 478 482.2 ·42·
363 343 348
·31·

Installation

Embedded installation size

Width   : 483mm
Height   : 348mm
Depth   : 42mm

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22 inch waterproof TV

Silver mirror
Pearl White
Black mirror
Black border

Package Dimension: 674x150 x 478 mm
Gross Weight:11kg

Remote control x 1
Power adapter x 1

DVB Digital Video Broadcasting
digital ✓
Freeview
HDMI
Full HD 1080P
MPEG 4
IP65

Key features

Screen size	21.5"
Active area	497（H）*292(V)
Brightness	250-350CD/M2
Viewing angle	178（H）/178(V)
Resolution	1920*1080
Contrast	1000:1

Temperature range

Operating temperature	-10~65℃
Standby temperature	-10~75℃

Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

System

Video system	PAL, SECAM, DTMB
Audio system	BG, DK, I, L/L' (option)

Android SYSTEM

CPU: ARM Cotex A53 Four Core
Frequency: 1.4GHz
GPU: Multi-core Mali -470MP2
Memory: 4 GB/8GB storage space
Flash Memory: 1G
Wifi: 2.4~2.5GHZ,IEEE 802.11b/g/n,
    10/100M auto-identification and DHCP
System: Android 7.1
OSD Language: (English,French,Spanish,Portuguese
    ,Russian,Arabic) (Option)

Analog signal impedance   75Ω

AV cable input   USB Move memory input
HDMI cable input   RF cable input

Stand-alone version
DC in x1   Rj45 in   x1   USB in   x1
AV in x1   MINI YPBPR x1   HDMI in   x2
RF in x1   Rs232 in   x1   EARPHONE out x1

Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤36W , Standby<0.5W
Power supply	DC12V 4A

Dimensions

544 ·46· 524 528 ·42·
368 348 348
·30·

Installation

Embedded installation size

Width : 530mm
Height: 350mm
Depth : 42mm

24 inch waterproof TV

Silver mirror   Pearl White

Black mirror   Black border

Package Dimension:775 x180 x540mm
Gross Weight:12kg

Remote control   x 1
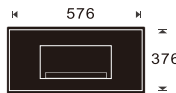
Power adapter   x 1

DVB Digital Video Broadcasting   digital ✓   Freeview   HDMI

Full HD 1080P   MPEG4   IP65

Key features

Screen size	23.6"
Active area	522（H）*293(V)
Brightness	250~350CD/M2
Viewing angle	175（H）/175(V)
Resolution	1920*1080
Contrast	1000:1

Temperature range

Operating temperature	-10~65℃
Standby temperature	-10~75℃

Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

System

Video system	PAL, SECAM, DVB-T/T2
	ISDB-T,ATSC (option)
Audio system	BG, DK, I, L/L˙ (option)

Android SYSTEM

CPU:	ARM Cotex A53 Four Core
Frequency:	1.4GHz
GPU:	Multi-core Mali -470MP2
Memory:	4 GB/8GB storage space
Flash Memory:	1G
Wifi:	2.4~2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP
System:	Android 7.1
OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)

Analog signal impedance   75Ω

AV cable input   USB Move memory input
HDMI cable input   RF cable input

Stand-alone version
DC in x 1	Rj45 in x1	USB in	x1
AV in x1	MINI YPBPR x1	HDMI in	x2
RF in x1	Rs232 in x1	EARPHONE out x1

Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤40W , Standby<0.5W
Power supply	DC12V 4A

Dimensions

594   394   46   576   376   578   378   42

Installation

Embedded installation size

Width	:	580mm
Heigh	:	380mm
Depth	:	42mm

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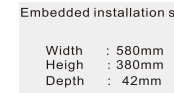
27 inch waterproof TV

Silver mirror   Pearl White

Black mirror   Black border

Package Dimension: 820x175 x 557 mm
Gross Weight:15kg

Remote control   x 1
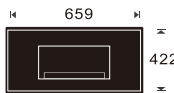
Power adapter   x 1

DVB Digital Video Broadcasting   digital ✓   Freeview   HDMI

Full HD 1080P   MPEG4   IP65

Key features

Screen size	27"
Active area	497（H）*292(V)
Brightness	250-350CD/M2
Viewing angle	178（H）/178(V)
Resolution	1920*1080
Contrast	1000:1

Temperature range

Operating temperature	-10~65℃
Standby temperature	-10~75℃

Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

System

Video system	PAL, SECAM, DVB-T/T2
	ISDB-T,ATSC (option)
Audio system	BG, DK, I, L/L˙ (option)

Android SYSTEM

CPU:	ARM Cotex A53 Four Core
Frequency:	1.4GHz
GPU:	Multi-core Mali -470MP2
Memory:	4 GB/8GB storage space
Flash Memory:	1G
Wifi:	2.4~2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP
System:	Android 7.1
OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)

Analog signal impedance   75Ω

AV cable input   USB Move memory input
HDMI cable input   RF cable input

Stand-alone version
DC in x 1	Rj45 in x1	USB in	x1
AV in x1	MINI YPBPR x1	HDMI in	x2
RF in x1	Rs232 in x1	EARPHONE out x1

Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤42W , Standby<0.5W
Power supply	DC12V 4A

Dimensions

679   442   46   659   422   663   425   43

Installation

Embedded installation size

Width	:	663mm
Height	:	426mm
Depth	:	43mm
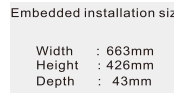
32inch waterproof TV

銀色鏡面 / Silver mirror   珍珠瓷白 / Pearl White

黑色鏡面 / Black mirror   黑色边框 / Black border

Package Dimension:880x186 x 600 mm
Gross Weight:21kg

Remote control   x 1

Power adapter   x 1

DVB   digital☑   Freeview   HDMI

Full HD 1080P   MPEG4   IP65

Key features

Screen size	32"
Active area	698 (H) *392.8(V)
Brightness	350~450CD/M2
Viewing angle	178 (H) /178(V)
Resolution	1920*1080
Contrast	1400:1

Temperature range

Operating temperature	-10~65℃
Standby temperature	-10~75℃

Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

System

Video system	PAL, SECAM, DVB-T/T2
	ISDB-T,ATSC (option)
Audio system	BG, DK, I, L/L˙ (option)

Android SYSTEM

CPU: ARM Cotex A53 Four Core
Frequency: 1.4GHz
GPU: Multi-core Mali -470MP2
Memory: 4 GB/8GB storage space
Flash Memory: 1G
Wifi: 2.4~2.5GHZ,IEEE 802.11b/g/n,
10/100M auto-identification and DHCP
System: Android 7.1
OSD Language: (English,French,Spanish,Portuguese
,Russian,Arabic) (Option)

Analog signal impedance   75Ω

AV cable input   USB Move memory input
HDMI cable input   RF cable input

Stand-alone version
DC in x 1   Rj45 in   x1   USB in   x1
AV in   x1   MINI YPBPR x1   HDMI in   x2
RF in   x1   Rs232 in   x1   EARPHONE out x1

Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤70W , Standby<0.5W
Power supply	DC24V 6A

Dimensions

779   510
770   490
775   495

Installation

Embedded installation size

Width : 775mm
Height: 495mm
Depth : 50mm

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42 inch waterproof TV

Silver mirror   Pearl White

Black mirror   Black border

Package Dimension:1100 x195 x755mm
Gross Weight:42kg

Remote control   x 1

Power adapter   x 1

DVB   digital☑   Freeview   HDMI

Full HD 1080P   MPEG4   IP65

Key features

Screen size	42"
Active area	930 (H) *523(V)
Brightness	350-500CD/M2
Viewing angle	178 (H) /178(V)
Resolution	1920*1080
Contrast	1400:1

Temperature range

Operating temperature	-10~65℃
Standby temperature	-10~75℃

Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

System

Video system	PAL, SECAM, DVB-T/T2
	ISDB-T,ATSC (option)
Audio system	BG, DK, I, L/L˙ (option)

Android SYSTEM

CPU: ARM Cotex A53 Four Core
Frequency: 1.4GHz
GPU: Multi-core Mali -470MP2
Memory: 4 GB/8GB storage space
Flash Memory: 1G
Wifi: 2.4~2.5GHZ,IEEE 802.11b/g/n,
10/100M auto-identification and DHCP
System: Android 7.1
OSD Language: (English,French,Spanish,Portuguese
,Russian,Arabic) (Option)

Analog signal impedance   75Ω

AV cable input   USB Move memory input
HDMI cable input   RF cable input

Stand-alone version
DC in x 1   Rj45 in   x1   USB in   x1
AV in   x1   MINI YPBPR x1   HDMI in   x2
RF in   x1   Rs232 in   x1   EARPHONE out x1

Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤100W ,Standby<0.5W
Power supply	DC24V 6A

Dimensions

1005   609
998   609
988   607

Installation

Embedded installation size

Width : 988mm
Height : 607mm
Depth : 52mm

# WATERPROOF TV
INSTALLATION METHOD

1. In the wall planning and installation location reserved for installing TV grooves;
2. The required TV cable lock pre-installed in the groove;
3. The television embedded stent installed in the groove, and the use of screws;
4. Connect all the TV cable and power and debug the TV;
5. Put the TV into the TV embedded bracket.

VESA

WALL

TV

VESA mode

WALL

Spring lock

TV

Embedment mode

Spring lock installation position

Slideway axis

VESA

Rear view of the TV
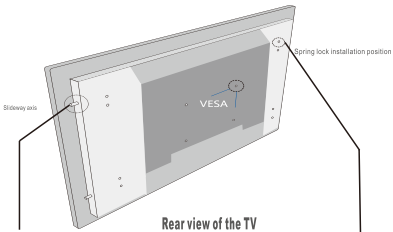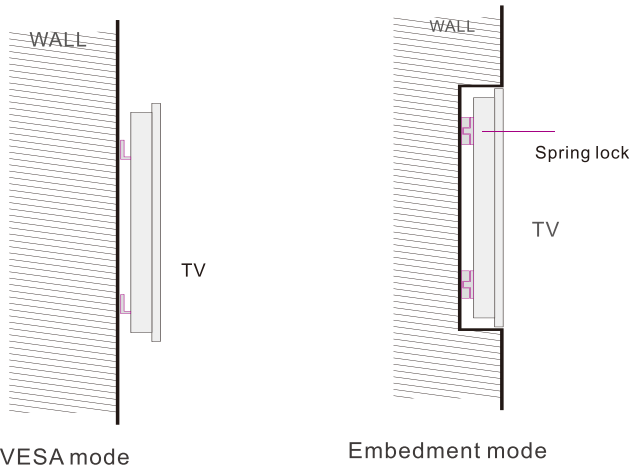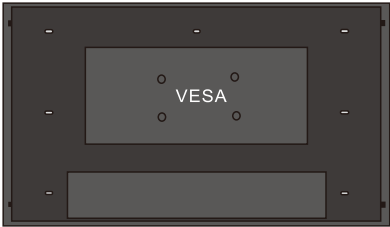
MODEL A

MODEL B

a.
  First plan the installation location according
  to the product parameters reserved groove
b.
  Second, the need to use the power cord and data
  cable reserved groove, easy to connect the TV
c.
  The third TV embedded stent placed in the groove,
  and use screws to fix the bracket
d.
  Finally, connect the data cable and the power cable to the TV interface,
  conduct the TV test, and then hang the TV in the bracket

This installation mode is to use
a spring lock to fix the TV

Install the wall

Product bracket

Product TV
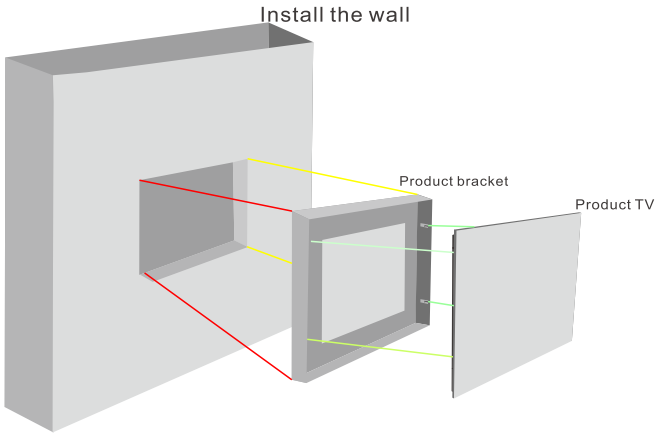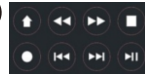
(1) POWER button
Press this button to switch on the TV when at standby mode or enter standby mode

(2) INFO button
Display the information on the top-right corner of screen (e.g. channel number, TV system, resolution and frequency for PC etc).

(3) ZOOM button
To change picture aspect ratio

(4) MUTE button
Press this button to mute or restore sound

(5) 0-9 buttons
In TV mode, used to select channels.
In Teletext mode, used to select page numbers.
Used to key in password (child lock or VChip)

(6) ▲CH▼ button
Increase and decrease TV channel.
Up or Down in navigating OSD
Increase and decrease index number in Teletext mode.
Used to switch from SCART mode to TV mode

(7) ▲VOL▼ button
Adjust the volume. ▲and ▼are used for increment and decrement in adjustment by end user.

(8) SOURCE button
Press to choose source in need, such as DTV, ATV or other channel.

(9) ◄► ▲▼ button
Left, right, up and down in the menu

(10) TIMESHIFT button
In DTV mode, press this for shifting time.

(11) SLEEP button:
Set time to turn to time off the TV

(12) ↻ button
Return to previous TV channel.

(13) MENU button
Call out OSD.
Go to the previous level of OSD.
Exit OSD completely if at highest level of OSD

(14) SET button:
Display the information on the top-right corner of screen (e.g. channel number, TV system, resolution and frequency for PC etc).

(15) EXIT button
Exit from the OSD menu

(16) AV button
Press this for pre-recorded list in AV mode

(17)HDMI button
Press this for pre-recorded list in HDMI mode

(18) USB button
Press this for pre-recorded list in USB mode

(19) TV button
Press this for pre-recorded list in TV mode

(20)OK button
this key is ok

(21)AUTO Search
this key is screen will transition to the TV state, the OSD interface for the search interface

(22)
this keys is USBUnder the condition of USB is used for the function button to play pictures or videos
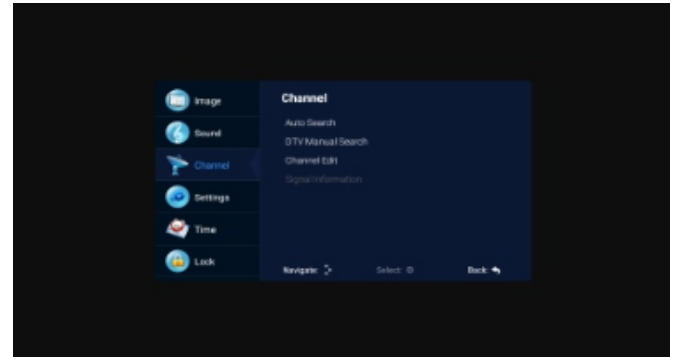
Input Source

This TV set allows you to adjust any settings by selecting from the menu screens.
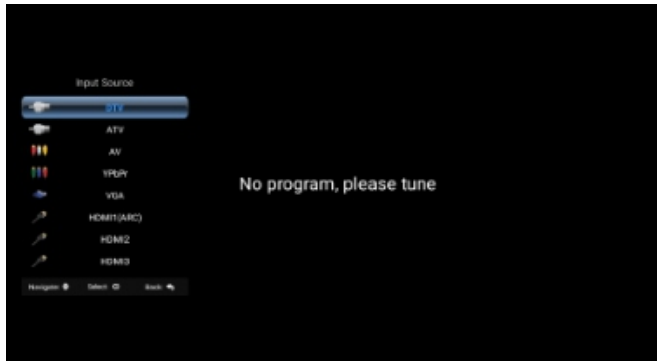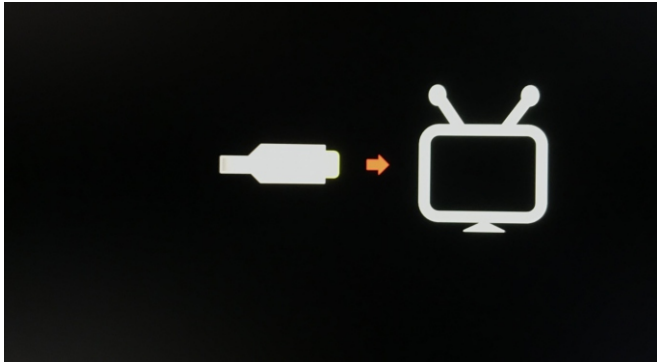
Please you select "source".then you can select DTV/ATV/AV/ YPBPR/HDMI/VGA/Media Browser by pressing,you can adjust The item ▲▼ selcet by pressing◢+/−
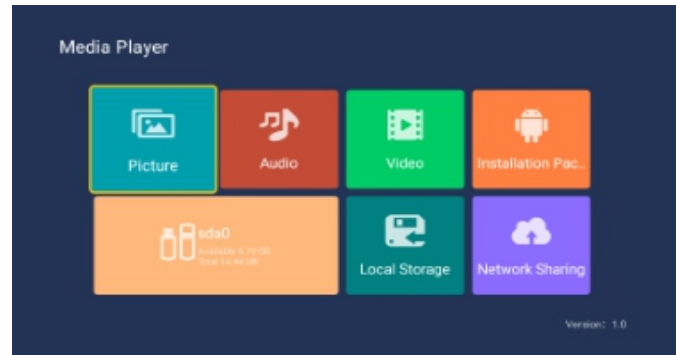
Menu Screens

In the TV,use remote control menu - press MENU key -Restore factory Default, It is the TV factory settings options, according to your needs regional language selection


Input USB Menu

In the remote control menu - press USB key or source key netry, It is the USB channel options, according to your needs selection

Channel Menu

Manual search for digital TV station, select the manual search table option to press the OK key to enter the next interfac e. After the channel number, frequency is set, press the OK key to carry on the search table.
To simulate the manual search, choose a good storage to Taiwan, you   need, you can also choose color and sound format, press the arrow keys to select "search" option, press left key can search, but also by fine tuning the frequency changes, select the best frequency.
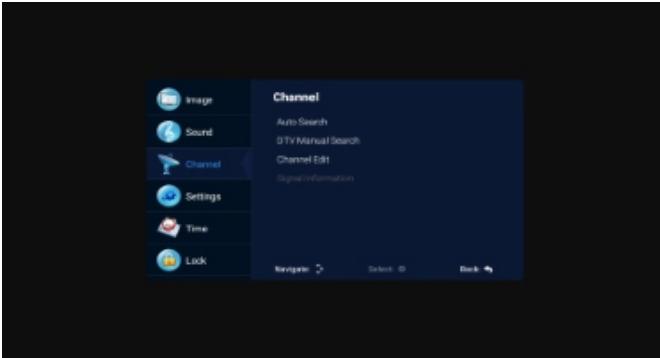
Sound Menu

Enter Sound menu, you can choose Sound Mode Standard, Balance, Auto Volume, Surround Sound,
AD Switch Off, SPDIF MODE and EQ by pressing CH+/- Buttons
You can adjust the item selected by pressing ◢+/-.
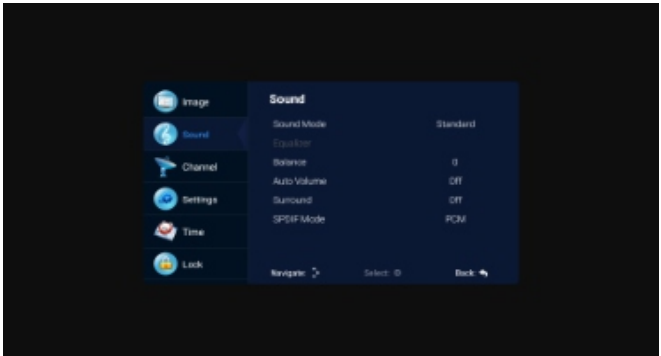
Picture Menu

Enter the Picture menu, you can choose Picture Mode Standard, Color Temperature,
Aspect Ratio, Noise Reduction and Screen by pressing CH+/- Buttons.
You can adjust the item selected by pressing ◢+/-.
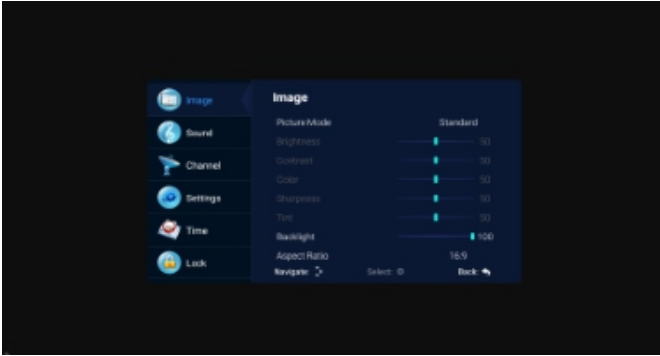
Setting Menu

Enter the setting menu ,you can choose menu time set, subtitle set ,HDMI set,system sandby set and restore to default se t etc.

Time Menu

Enter Time menu, you can choose Clock, Off Time, On Time, SleepTimer, Auto Standby Off,
Time Zone London GMT and Daylight Saving Off by pressing CH+/- Buttons
You can adjust the item selected by pressing ◄+/-.
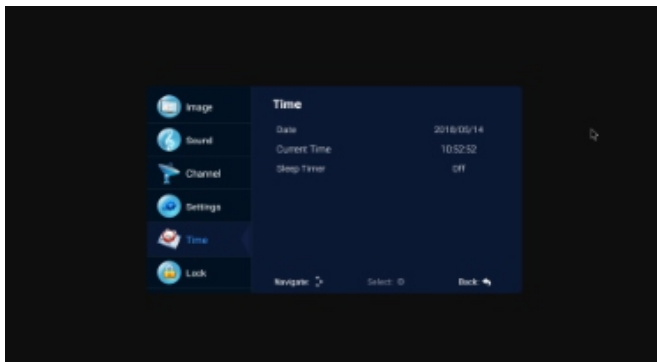
Lock Menu

Choose the option of Lock System with the up and down keys .Then open the lock function w and right keys. Please remember that initial password is 0000.If you want to adjust password, you should select option of set password and then input old password,new password.When new passw input again is correct and make sure above option this mean that you successfully reset password. W you want to shield some programs you don't like ,please select the option of block program and input channel number.
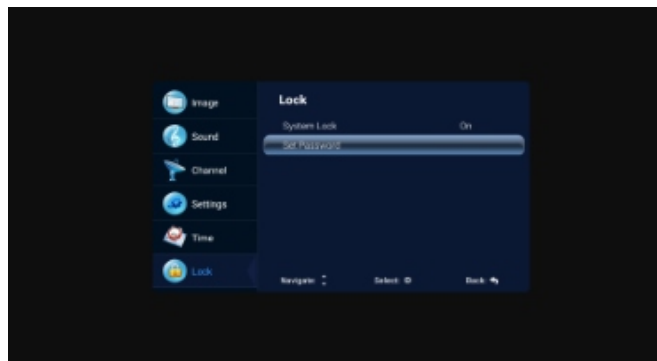
Android system operation

Please use the remote control button "signal source" or "menu, and then choose to confirm exit TV interface state.
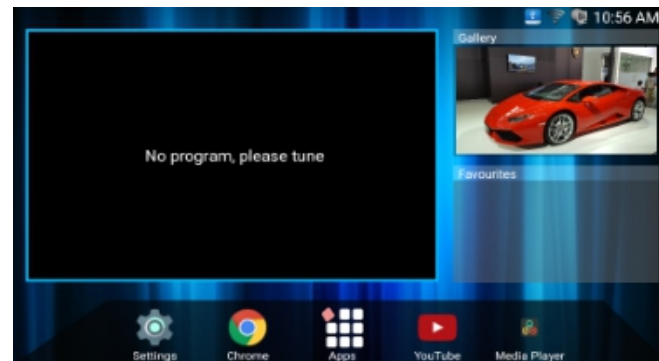

Home page can be divided into two parts, one part is the traditional TV portal, Gallery application and some of your favorite applications, in the upper right corner will display network and SD card state. The other part is Navigation bar; click on the corresponding icon can jump to Store, Browser, Apps, Settings or Media. Picture 18th is click on Apps icon after the jump screen
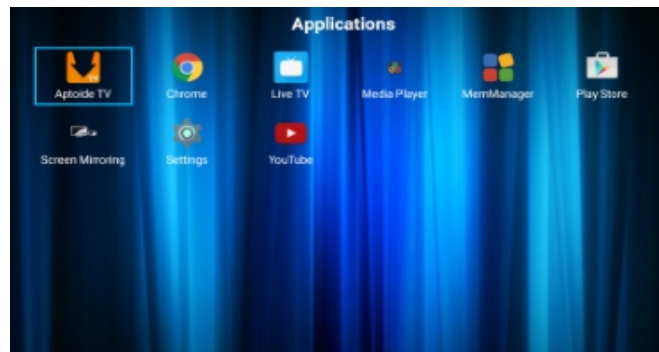
Wifi Menu

Pick the image of settin g and Press OK button to appear the interface of the
android setting

Select the "wireless connection and press OK key to open it, and then by th   e appearance of a
Wi Fi signal available, you can see a list of the most new Wi Fi signals. If you want to use the
WiFi signal, please enter the correct password for Wi Fi." + "can be used to add a Wi Fi
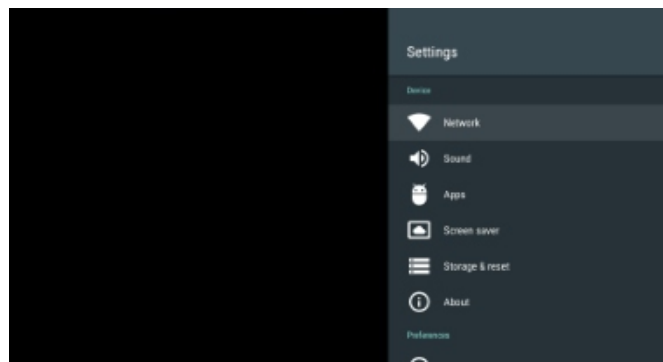
Ethennet Menu

After the insertion of the cable system will display the IP address, you can access the Internet.
Portable hotspots and VPN function in more, portable hotspot feature is the ability to   send
WiFi wireless LAN signal hot, provide to the location of the other equipment of wireless local
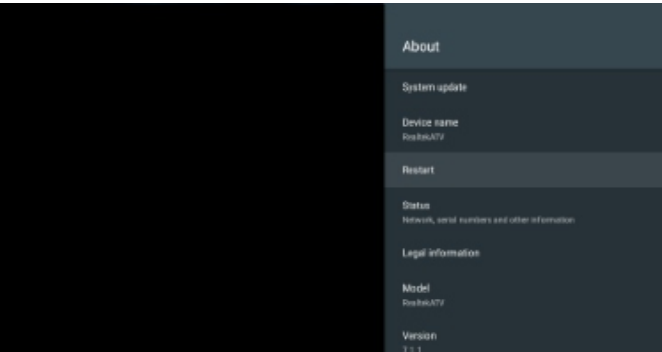area network (WLAN) Internet access service.
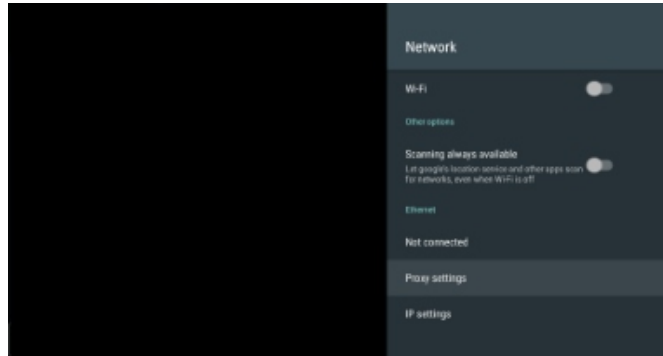
Sound Menu

In sound, you can set the volume, notify   the prompt tone, button prompt tone, as well as some
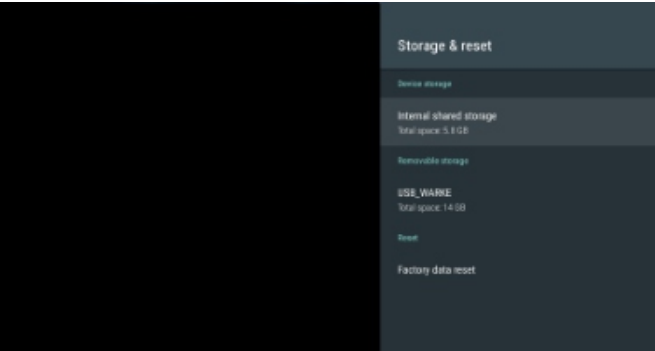audio settings, etc..
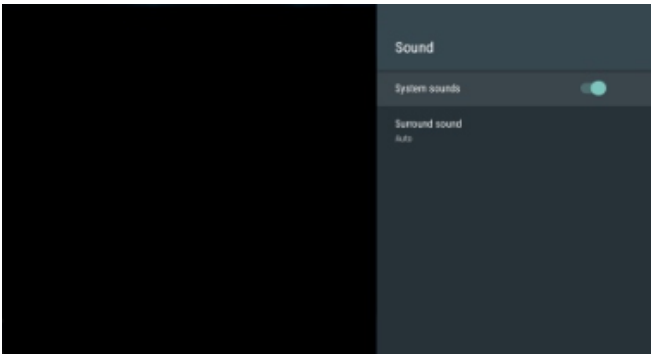
About Menu

You can view and set the relevant information for the OTA update,
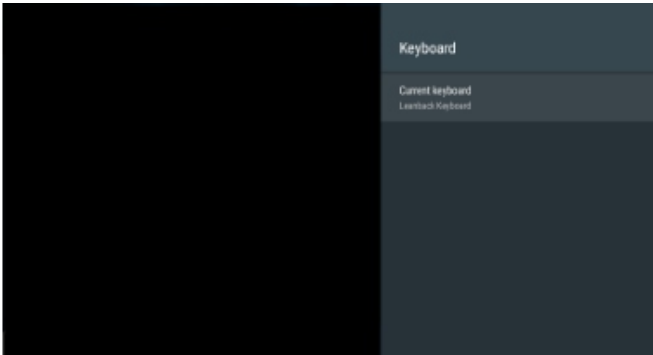you can also view the model, Android version, version number information.

Storage Menu

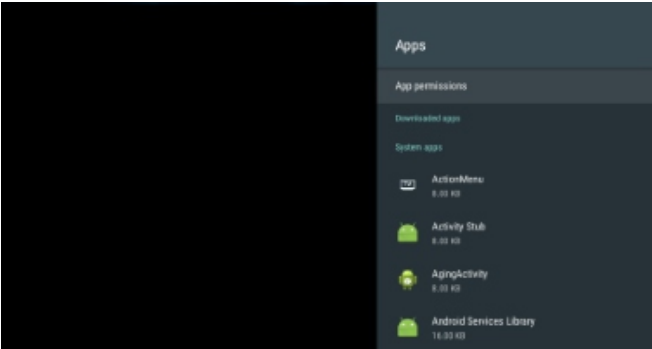Here you can view the details of the internal storage space and the use of SD card.

Keyboard Menu

Users can be based on personal preferences of the keyboard input settings, you can also view the personal dictionary.

APPS Menu

In the application, you can view the application of the installation, running applications and all of the applica tion.

Security & restrictions