

Create seamless entertainment experience, leading you into new TV Era, find what you want to watch, wherever it comes from, all on this Smart TV Box



Smart TV Box

X5



User Manual

Dear Customers,

Thanks for buying this hi-definition player. In order to guarantee your safety during operation and protect this player and its accessories, please read this operation manual carefully before use it. Please understand that we take no liability for the direct or indirect losses incurred from improper operations, including hardware damage, program damage, file loss and system broke-down.

Please keep this manual well for reference in the future.

This company reserves the right of final interpretation of this Operation Instructions and relative information.

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Thanks for purchasing this product and we are expecting our products to make you pleasant in your life. Please read the following precautions carefully before use it:

- Never disassemble this product for unreasonable cause.
- Never read and refresh the firmware in this product in unusual approaches.
- Never make reverse engineering and inverse assembler on the relative software and codes in this product.
- Please use the adapter supplied together with this player to protect this product and ensure the safety during operation.
- Dangerous voltage is contained in the adapter, so never open it to avoid electric shock. Please contact with the professional service men for maintenance.
- Never let the liquids enter into the product to prevent the electric shock or damage of this product. If it cannot be avoided, please disconnect the power supply and sop up with dry cloth.
- Keep this product away from inflammables.
- Save and use this product far away from the obvious vibration, and never impose too high external force and impact upon the product.
- Batteries in the remote controller are expendable items; please replace them with new batteries in the same model upon running out; the obsolete batteries shall be disposed properly to prevent the environmental pollution; please take out the batteries if not use the remote controller for a long time.

- The product is specially equipped with Android 2.2 operating system and supports the installation and uninstall of third-party software, such as MSN, Skype, QQ, Fetion, Taobao, Imgo TV, Thunder download, etc..
- It has a 2.5 inches built-in SATA hard Disk drive interface, and drawable HDD design makes users can easily uninstall/install the hard drive without removing the casing.
- The unit is armed with built-in global network TV programs, online radio broadcast, Thunder player and PPS.
- This product supports popular video encoding formats: H.264、MPEG1/2/4、Xvid、Divx、VC1, and all the common video packaging formats: MKV、MOV、AVI、ISO、WMV、ASF、MP4、TS、M2TS、FLV、DAT、VOB、MPG. The maximum resolution reaches 1080P.
- The unit fully supports 720P HD RM/RMVB video, and the decoding capacity reaches 1280 x720. Nearly all the movies and TV shows of RMVB format on the internet can be played on this unit.
- It supports music formats of MP3、WMA、OGG and AAC, especially lossless music formats such as FLAC、APE、WAV, bringing high quality enjoyment for music enthusiasts.
- It supports image formats of JPEG、BMP、PNG、GIF and TIFF, and the images can be zoomed, rotated, and played in slides.
- It supports various formats of subtitle such as SMI、ASS、SSA、SRT、SUB、SUB+IDX.

- It supports file copy/paste/delete function between equipments and devices which is convenient for file management.
- It supports the share of local area network and UPNP. You can directly play films, music and images shared from the local area network and UPNP without installing other software, which will be quite convenient for those who do not know how to install software.
- It supports external USB and wireless keyboard and mouse.
- It adopts advanced capacitive touch buttons that neither need mechanical contacts like traditional mechanical buttons nor need touching the metal directly which is less safer. The touchable buttons are reliable and stylish.

This product has seven accessories, as shown below:

1. One Remote Controller
2. One AV Cable
3. One HDMI Cable
4. One YPBPR Cable
5. One USB Cable
6. One Power Adapter
7. One User Manual



3.1 Front panel view:

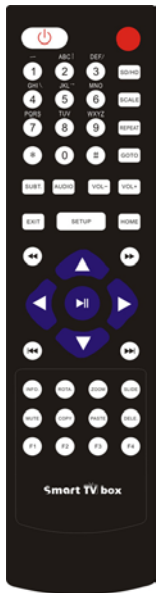


1. Infrared receiver window.
2. Video button.
3. Up button.
4. Down button.
5. Left button.
6. Right button.
7. Play/ Pause button.
8. Back button.
9. Power button

3.2 Rear panel view:



1. 2 USB HOST interface
2. USB-PC interface
3. SD card interface
4. HDMI interface
5. Network interface
6. AV output interface
7. YPBPR output interface
8. Optical output interface
9. Power input interface



4.1 The remote control of this unit is shown in the following picture.

4.2 Functions of the buttons on the remote control are described in the following chart:

Sequence number	Name	Function description
1	Power button	Standby/turn on the unit
2	Mute button	Turn on/off mute
3	0-9 button	Numbers/letters
4	*button	*button
5	#button	#button
6	Rotate button	To rotate the pictures
7	Zoom button	To zoom the images when playing the movies or pictures
8	Display proportion button	To switch the display effect when playing movies
9	System button	To switch between NTSC and PAL when playing movies
10	◀◀ button	Previous track

11	▶▶ button	Next track
12	◀◀ button	To fast backward when playing movies
13	▶▶ button	To fast forward when playing movies
14	File button	To enter OI file management and examine files accessed
15	▶ button	To play or pause
16	Pause button	To stop playing media files
17	Setting	To examine and set the menu
18	Device	To select different connection devices
19	Up button	The up direction button
20	Left button	The left direction button
21	OK button	To confirm
22	Right button	The right direction button
23	Down button	The down direction button
24	Main interface	Press this button to return to the main menu directly
25	Back button	Press to return to the previous directory
26	Movie	Shortcut for film menu
27	Music	Shortcut for music menu
28	Album	Shortcut for album menu
29	Menu	Application menu

30	Time-choosing	Drag the progress bar to choose the playing time
31	Soundtrack	To choose the soundtrack when playing movies
32	Subtitle	To choose and adjust the subtitle when playing movies
33	Sound channel	To switch between left and right sound channel
34	Repeat	Single repeat/all repeat/no repeat
35	Random	To play the music randomly
36	Jump backward	Jump backward 10 seconds when playing music
37	Jump forward	Jump forward 10 seconds when playing music
38	Display	Switch between HDMI, YPBPR and AV output
39	Delete	To delete characters
40	Volume +	To increase volume
41	Volume -	To decrease volume

4.3 Precautions for using remote control

- When using the remote control, the launch window should be directed to the receiving window on the front panel with an angle of about 60 degrees and a distance of 5 meters.
- Do not drop or damp the remote control.
- Do not expose the receiving window of the remote control on the front panel to the sunshine.
- Please replace with new battery when the battery power in the remote controller runs out, and be careful with the “+” and “-” pole.
- Please take out the battery if the remote controller won't be used for a long time.

This media player supports HDMI1080P output, YPbPr output, AV output. Press display button on the remote controller to switch output.

Note: The player defaults to HDMI output. If you can't see the images, please wait 2 minutes until the system startup finishes. Press Display on the remote control 2 times to switch to component output, 2 times once again to turn to AV output, and the rest can be done in the same way. If it is the wrong video output mode that results in no image display, please check in the following way and select proper connection method according to your TV performance.

5.1 AV output connection

1. Connect one end of the AV line to the AV OUT interface of this player, and the other end to the AV input interface of the television according to the color.
2. Turn on the TV and make your TV corresponding AV input mode.
3. Connect the player to the power and wait for startup. As the default output mode is HDMI, if you can not see the startup screen, please wait 2 minutes until the startup finishes and press Display on the remote control to switch to AV output. If there is still no image, please check the connection of AV line and the video input port of the television. (Note: please aim at the receiving window when operating the remote control)

5.2 HDMI output connection

1. Connect one end of the HDMI line to HDMI output interface of the player, and the other end to HDMI input interface of the HD TV.
2. Turn on the TV and make your TV HDMI output mode.
3. Connect the player to the power and you can see images after startup. If you can not see the startup screen, please wait 2 minutes until the startup finishes and press Display on the remote control to switch to HDMI output. If there is still no image, please check the connection of HDMI line and the video input port of the television. (Note: please aim at the receiving window when operating the remote control)
4. HDMI connection can communicate with high definition television losslessly, output sounds and images at the same time.

5.3 YPBPR output connection

1. Connect one end of the YPBPR line to the output interface of the player, and the other end to the YPBPR input interface of the high definition television.
2. Turn on the TV and make your TV YPBPR input mode.
3. Connect the player to the power and you can see images after startup. If you can not see the startup screen, please wait 2 minutes until the startup finishes and press Display on the remote control to switch to YPBPR output. If there is still no image, please check the connection of YPBPR line and the video input port of the television. (Note: please aim at the receiving window when operating the remote control)
4. YPBPR connection can communicate with high definition television losslessly and output images only.

5.4 Network connection

Connect one end of the twisted-pair to the network interface of the player, and the other end to the RJ45 interface of the router or switchboard.

5.5 Connect with PC

This player can be inserted with built-in 2.5" hard drive. After the hard drive installed, you can connect the player with a computer to transmit data through a USB line. When connected to the computer, the player should first be connected with the power.

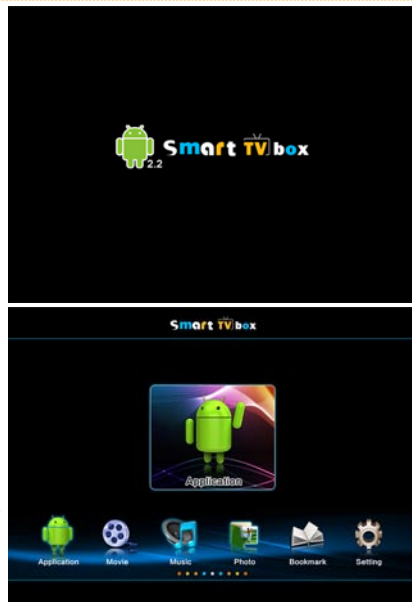
6.1 Main menu

1. After the display device has been well connected, connect the player to the power, and then startup images will appear and the player will go on start test.

After startup, the player will enter the main menu, as shown on right picture.

2. In the main menu, press “Direction buttons” to select between Applications, Movie, Music, Photo, Bookmark and Setting, press “OK” to enter the selected item.

- Enter [Applications] to broadcast global network television, set the system, run existing applications, install new applications, play music and videos, browse the websites and play games;
- Enter [Movie] to play videos only;
- Enter [Music] to play music only;
- Enter [Photo] to play pictures only;
- Enter [Bookmark] to set web bookmark, see the webs that visited by the most people and check history visits.
- Enter [Setting] to set relevant parameters of the system. To achieve a better viewing and use effect, please adjust the player settings according to your display device.



6.2 System setting

Select “Setting” in the main menu and press “OK” to enter the setting menu, as shown on right picture.

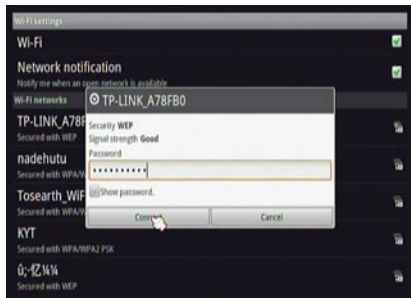
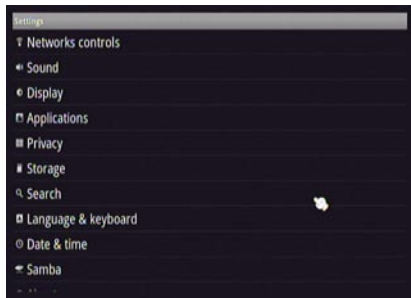
1. Direction button: Move the cursor to select different items for setting;
2. OK button: Confirm the present setting item;
3. Back button: Exit setting and back to the previous menu.

- Wireless network ○Sound ○Display
- Applications ○Privacy
- Storage ○Search
- Language and keyboard ○Date and time

6.2.1 Wireless network setting:

Select “Wireless network” and enter setting menu to set wireless WIFI and local connection.

1. Click [Wi-Fi] to turn on WIFI connection and click [Wi-Fi setting] to set wireless network connection. Use your wireless network name for connection, after you input the right passwords and click [Connect], the system will automatically get the IP address and connect with the network.



2. Click [Ethernet] to open local connection, and click [Ethernet Configuration] to set cable network connection: you can set DHCP IP(automatic) or STATIC IP(manual). If the DHCP function of the router has already been turned on, you'd better use DHCP IP(automatic) to get IP parameters automatically; if not, please use STATIC IP(manual) to set IP parameters manually.

As shown on right picture:



6.2.2 Sound option

Select “Sound” to enter sound setting menu.

Click [Audio digital output] to set sound output, including HDMI local decoding output, coaxial/optical local decoding output and coaxial/optical soundtrack digital original code output, according to your audio amplifier.

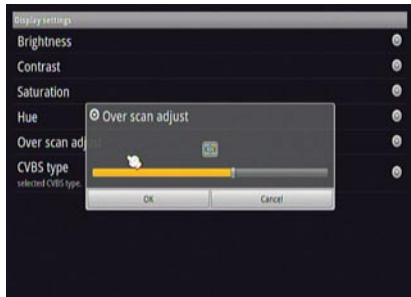
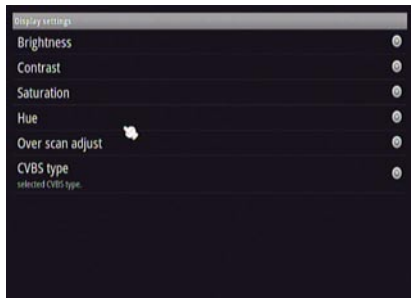
As shown on right picture:



6.2.3 Display setting

Select “Display” to enter display setting menu where you can set brightness, contrast, saturation, hue, display proportion adjustment, AV output format switch.

Click the option that needs adjustment to enter the setting menu, press Left/Right button to adjust the value and press “OK” to confirm your setting.



6.2.4 Applications setting:

Select “Applications setting” to enter the setting menu.

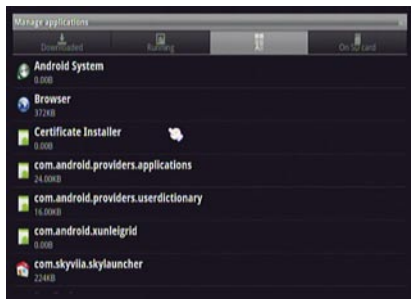
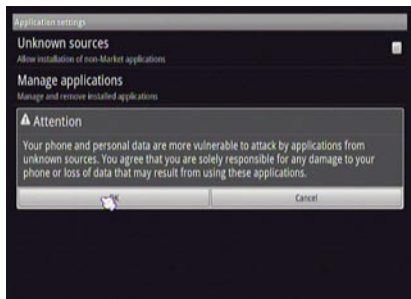
1. Third-party APK software downloaded from the internet can only be installed after you click [Unknown source] which allows the installation of applications from non-electronic market, if not, it can not be installed.

2. In [Applications management], you can scan, monitor, manage and uninstall the installed applications, running applications, all the applications and applications that have been installed into the SD card. As shown below:

- Applications setting
- Unknown source
- Allowance of installation of applications from non-electronic market
- Applications management
- Management and deletion of installed applications

Note: Your handset and personal data will be more likely to be attacked by applications from Unknown source. Do you agree to assume all the responsibilities of handset damage or data loss caused by using these applications?

- Confirm ○ Cancel ○ Applications management
- Downloaded ○ Running ○ All ○ In the SD card



6.2.5 Privacy setting:

Select “Privacy” to enter the setting menu where you can restore factory settings. Operate according to the hints, applications installed in the multimedia player will be deleted and factory settings will be restored.

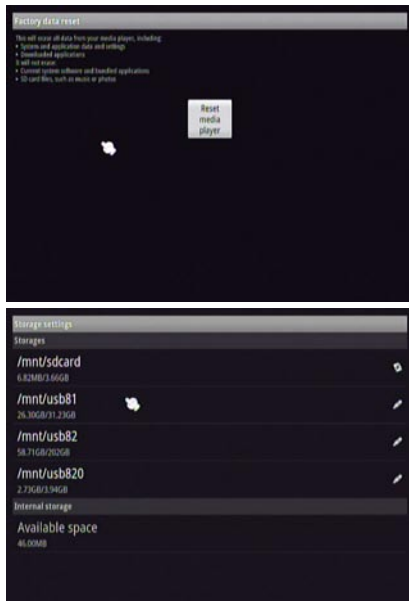
[Note; Data can not be restored once deleted, caution please!]

- Restore factory settings
- This operation will delete all the data in the multimedia player, including:
 - Downloaded applications
 - The following data will not be deleted:

6.2.6 SD card and multimedia player memory setting

Select “SD card and multimedia player memory” to enter the setting menu where you can see the used and remain memory of SD card and the multimedia player, and uninstall SD card. [Note: If the memory card has to be removed during turn on situation, you must uninstall it first to avoid failure or damage.]

- SD card and multimedia player memory setting
- Memory of multimedia player
- Available space



6.2.7 Search setting

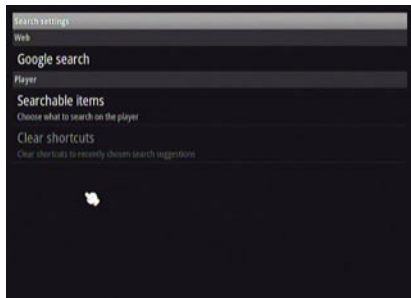
Select “Search” to enter the setting menu where you can use Google for search, choose what you like to search and eliminate shortcuts settings.

- Search setting
- Network
- Google search
- Telephone
- Search items
- Choose what you like to search on the handset:
- Shortcuts deletion
- Delete shortcuts suggested by recent chose search

6.2.8 Language and keyboard setting:

Select “Language and keyboard” to enter the setting menu.

1. Click [Select language] to select languages of more than 20 nations.



2. Click Text setting to install and set input method program.

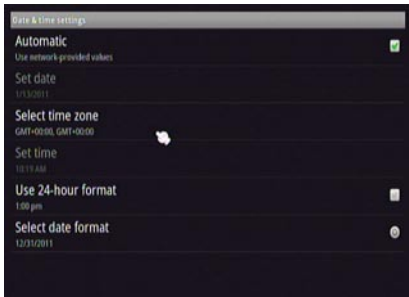
For details, please see 6.6 of the manual.

- Language and keyboard setting
- Select language
- Chinese
- Text setting
- Google Pinyin Input Method
- Google Pinyin Input Method setting
- Phonetic Input Method
- Phonetic Input Method setting
- User dictionary

6.2.9 Time and date setting:

Select “Time and date setting” to enter the setting menu where you can choose automatic network time and can also set the time and date format needed.

- Date and time setting
- Automatic ○ Use the network time ○ Date setting
- Time zone choosing
- China standard time(Beijing time)
- Time setting ○ 24-hour format ○ 1:00 13:00 p.m.
- Date format choosing

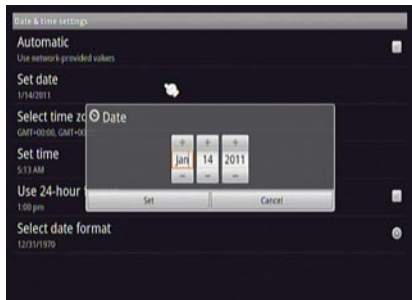


1. Select automatic network time, and click Time zone choosing to select your zone. As shown on right picture:

- Time zone choosing
- Hong Kong Time(Hong Kong)
- Irkutsk Time (Irkutsk)
- Kuala Lumpur
- Perth
- Taipei Time(Taipei)
- Seoul
- Japan Time(Tokyo)

2. Select Set date and time manually and operate according to the hints, For instance, select Date setting, as shown on right picture:

- Select +: means one unit increase of this item
- Select -: means one unit decrease of this unit
- You can also enter the input mode and directly input the number, and then click Complete. Select “Setting” , if the input number is legal, the operation will be effective and the system will automatically adopt the new settings.



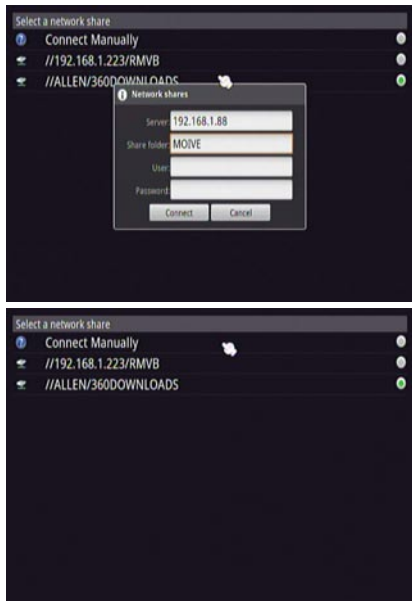
6.2.10 Samba setting

Select “Samba” to enter the setting menu where you can set, search and add network share path.

1. Click [Connect Manually] to enter the setting of adding network shared path. Input the name or IP address of the LAN shared computer to Server, input the name of shared file to Share folder, and input user name and passwords to User and Password, confirm the information again and then click Connect for connection.

Video test

2. Click Device button to display the added network shared folders and play them, as shown on right picture:

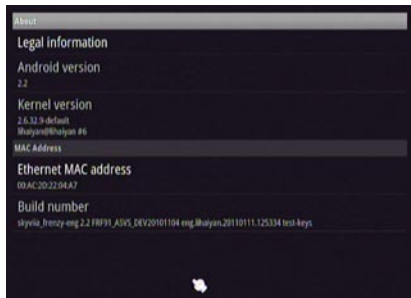


VI. Use of the player

6.2.11 About multimedia player

Select “About multimedia player” to enter the setting menu where you can see the Android version number, kernel version number, MAC address and software program version number of this unit.

- About multimedia player
- Legal information
- Android version
- Kernel version
- Version number



6.3 Multimedia player

The player can play 1080P full HD high definition video, lossless music formats of Ape and Flac and photos of various formats. For the supported file formats, please see the seventh item Product Specifications on the manual.

6.3.1. Device choosing

Before playing, the path of the file to be played should be selected. Click “Device” to select the file path.

[Note: Whenever USB is connected or SD card is inserted, the unit will prompt “New Device is Mounted” .]



From top to bottom they are UPNP shared path, USB external hard drive partition 1, USB external hard drive partition 2, LAN shared folders, UPNP shared server search and LAN shared files search respectively.

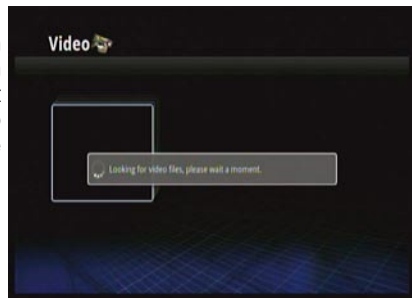
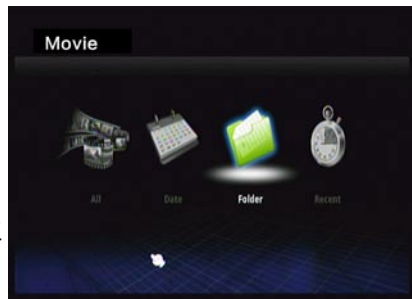
6.3.2 Movie play

Select the device path, and click **【 Movie 】** on the main menu to enter the movie play interface. You can press Right/Left button to select All lists, Time list, Folder or Recent play.

Movie All lists Time list Folder Recent play

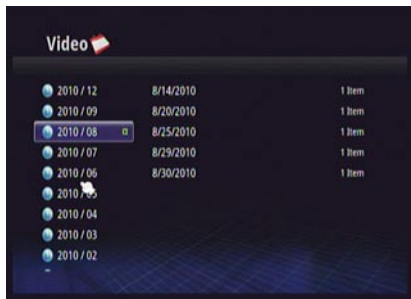
1. Select All lists to scan automatically all video files in the selected device and order them according to the scan sequence. Once you clicked All lists, the unit will prompt “System scan, please wait” . Scan time is proportional to the size of the hard disk and the number of files, please be patient.

System scan, please wait



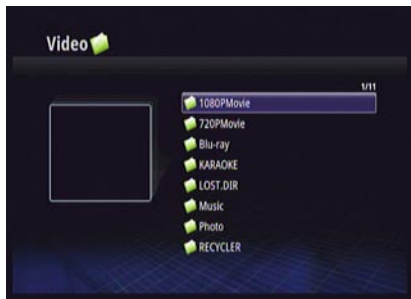
2. Select Time list to scan automatically all video files in the selected device and order them according to the recent editorial time in descending order.

- Movie
- Item



3. Select Folder to display according to folder browse.

4. Select Recent play to display videos played recently.



5. Press “Up/Down” to select the movie to be played, and then click “OK” to play. If you select the video that hasn't finished playing, the unit will prompt “Whether to start playing from the last exit time”, if “Yes”, the video will play from the last exit time, if “No”, it will start from the beginning.

【 Remote controller operation 】

1. Up/Down button: To select movie to be played;
2. ▶|| button: Play/Pause the selected movie;
3. ▶▶ button: Fast forward with a 2/4/8/16/32/64 times speed;
4. ◀◀ button: Backward with a 2/4/8/16/32/64 times speed;
5. ◀◀ button: Play previous movie;
6. ▶▶ button: Play next movie;
7. Zoom button; To zoom the images 2 times or 4 times when playing;
8. Proportion button; To switch display effects when playing;
9. Time-choosing: To show the information of the movie and you can drag the progress bar to choose the playing time you like;
10. Exit button: Return to previous catalog;
11. Soundtrack button: Switch between various soundtracks(only for those files that have several soundtracks);
12. Subtitle button: Display or close subtitles. Long press subtitle button for display subtitle adjustment functions.
13. Volume+/_ button: Increase /decrease the output volume;



14. Mute button: Turn off the sound;
15. Repeat button: To switch between Order play/Single repeat/Catalog repeat.
16. Sound channel button: To switch between left/right channel and stereo when playing movies with double sound channels.

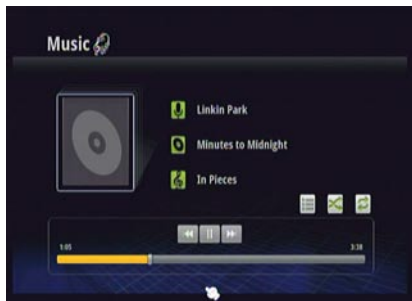
6.3.3 Music play

Select device path and click 【 Music 】 on the main menu to enter the music playing interface. Press Left/Right button to select Artist, Songs or Play list.

○Music ○Artist ○Album ○Songs ○Play list

Select the operation you needed. Press “Up/Down” to select the path of music files to be played, after that, press **▶▶** to play the songs, and press **■** for stop.

- Music
- Liu Ruoying
- Time
- Liu Ruoying- Make your day



【 Remote controller operation 】

1. Up/Down button: Select the music to be played;
2. ▶|| button: Play/Pause the selected music;
3. Jump forward button : Jump forward 10 seconds when playing music
4. Jump backward button : Jump backward 10 seconds when playing music
5. ◀◀ button: Play previous music;
6. ▶▶ button: Play next music;
7. Random button: Switch between Random play/ Order play;
8. Mute button: Turn off the sound;
9. Repeat button: To switch between Order play/Single repeat/Catalog repeat.
10. Volume+/_ button: Increase /decrease the output volume;

6.3.4 Photo play

Select the device and click “Photo” on the main menu to enter photo play interface. Press Left/Right button to select between All lists, Time list, Folder or Recent play.

Select the operation you needed. Press “Up/Down” to select the path of photo files to be played, after that, press ▶|| to play the photos, and press ■ for stop.

○Photo ○All lists ○Time list ○Folder ○Recent play

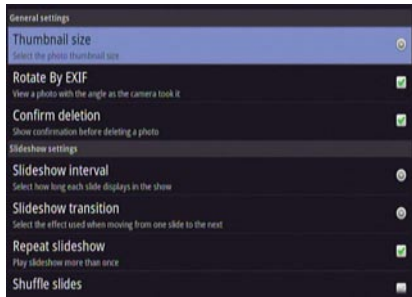
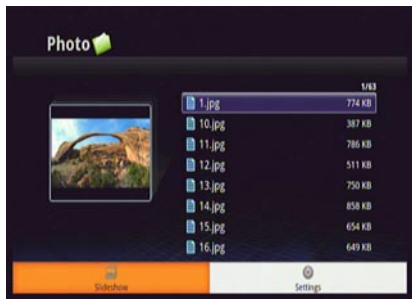


1. Press “Menu” on the photo selection menu to play the slide and set photos.

2. In Photo setting, you can set the background music, photo effects, rotation, slide effects and slide interval time.

【 Remote controller operation 】

1. Up/Down button: Select the photo to be played;
2. ▶|| button: Slide play
3. ◀◀ button: Play previous photo;
4. ▶▶ button: Play next photo;
5. Rotate button: Rotate the photo when playing;
6. Zoom button: Zoom the photo when playing;



6.4 Internet

6.4.1 With built-in global web television and radio programs(exclusive)

Select [Applications] to enter the applications menu.

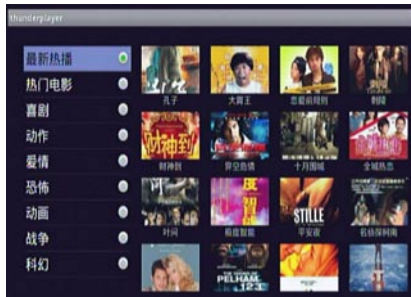
1. Click [iTV] to select your favorite TV programs according to region and program type.
2. Click [iRadio] to select your favorite radio programs according to region and program type.

- Top 100
- TOP-Genre
- Top-Region
- Genre
- Region
- Favorites
- History

6.4.2 Built-in network player(exclusive)

Select [Applications] on the main menu and enter the applications interface. Click [thunder player] to enter online player. Choose movies or teleplays your favored to watch.

- Latest hit
- Top movies
- Comedy
- Action
- Romance
- Horror
- Cartoon
- War
- Science fiction



6.4.3 The web browser supports Flash10.0, Thunder player and other online video webs.

1. Select [Bookmark] on the main menu and enter the bookmark interface where you can set web bookmark, see the webs that visited by the most people and check the history visits.



2. Select [Applications] on the main menu and enter the applications interface. Click [Browser] to browse webs, watch online videos and download files, etc.. Press [Menu] to see the browser menu.



6.4.4 Local area network shared play

Please refer to Samba setting in 6.2.10 and Device choosing in 6.3.1.

Press “Device” and click the path of LAN shared files to play the shared multimedia files.



6.4.5 UPNP share

Make sure that there is a shared computer in the local area network and open UPNP Servers.

1. Press “Device” and select [Media servers] to scan the UPNP Servers automatically.



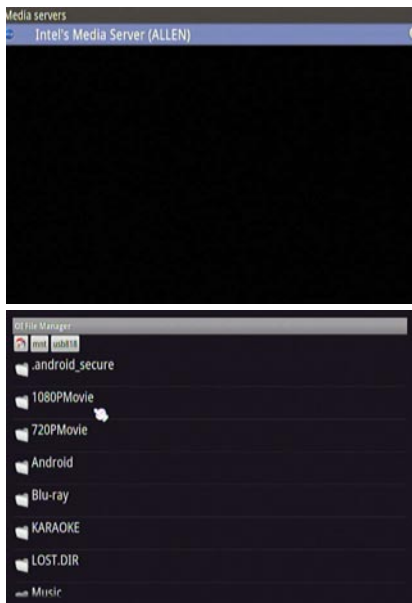
2. Click “OK” to select UPNP shared path where you can enjoy the shared UPNP movies, music and pictures.

6.5 File and applications management

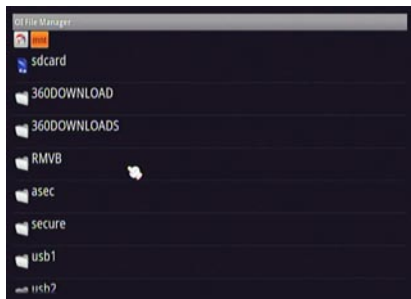
6.5.1 File management

Select [Applications] and enter the applications menu. Click [OI file management] to browse files in SD card, USB and the local hard disk.

[Note; Search for external device contents under “mnt” path]



1. Select the file and press “OK” to edit or play the file.



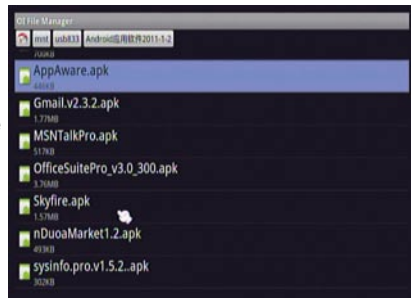
2. Long press “OK” to send, move, copy, rename, delete or browse the files.

- OI file manager
- Send
- Move
- Copy
- Rename
- Delete
- Photo browse



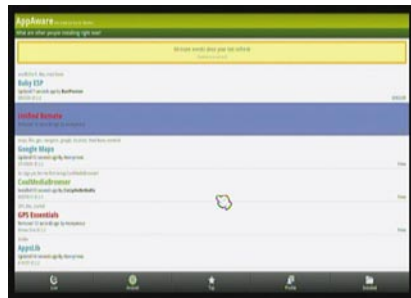
6.5.2 Applications management

1. Download the APK program to SD card or USB storage device. Click[OI file management] to browse your stored files. Click APK file to install the application according to the hints.



2. Run the applications such as Android Market, N market, etc., and enter the applications menu to download APK files. Install the application according to the hints after the download finishes.

- Applications
- Game
- My downloads
- N markets
- Free



6.6 Text input

6.6.1 Use the screen keyboard

When you start the program or click the text editing box where words or numbers can be input, the screen keyboard will appear.

The screen keyboard has the following commonly used input methods:

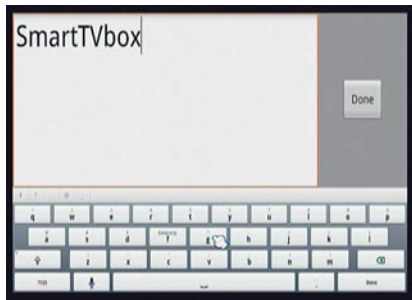
- Android keyboard
- Google Pinyin Input Method

[Note: You can download and install the input method program which you are used to]

See 6.2.8 of the manual.

Select your favorited input method and then click “Default as preset value” . Based on the default value, the unit will display the keyboard when you are going to input words.

- Next
- English

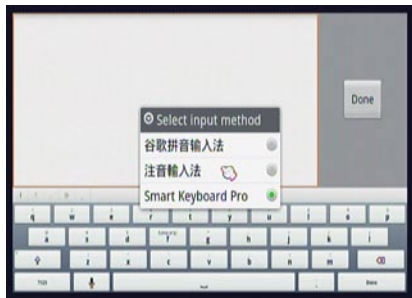


6.6.2 Input method use and switch

1. Press and hold the text edit area on the Text input interface for three seconds, the Text edit menu will directly pop up, and then click to select the input method.

2. Select the input method you needed.

- Select input method
- Google Pinyin Input Method
- Phonetic Input Method
- Next



6.6.3 External mouse and keyboard

The unit supports external wired USB mouse and keyboard, 2.4G wireless mouse and keyboard.

1. Connect the mouse and keyboard to corresponding USB interface or wireless receiver module.

2. “Mouse Diver” popped up on the display interface which indicates that the mouse and keyboard have been identified.

3. Shake the mouse, if there appears “Finger” cursor prompt, the mouse can be used.



4. The left button of mouse functions as “OK” , the right button as “Menu” , the roller button as “Back” , and the roller scrolling up and down functions for “Up/Down” .

- ES file browse ○N markets ○OI file management ○Local search ○Navigation
- Map ○Google search ○Browser ○Photo browse

6.7 Firmware upgrade

Android upgrade will format the internal flash memory, please copy useful data in advance.

Android upgrade system adopts special upgrade files, in the website of <http://www.xuting.net/en/index.htm> you can find the latest upgrade files.

The upgrade processes are as follows:

- 1.Download the upgrade files and copy the file with .fw suffix to the SD card or U disk after the unpacking.
2. Click 【 Applications 】 to enter [Firmwares] operating menu.



3. Click [Browse] on [Firmwares] operating interface to select the upgrade file with .fw suffix you have downloaded, and then click [Upgrade] to upgrade. [Note: Do not power off during upgrade]

4. Follow the hints to restart the machine, and then the upgrade is completed.

- Local search
- Navigation
- Map
- Google search
- Browser
- Photo browse



6.8 Others

We provide commonly-used APK application, AndroidMarket, Google map,QQ, MSN, and Es file browse with this unit.

X5's Specification

Power	5V/3A
Model	X5
Android 2.2 Operation System	Internet TV
	Internet Radio
	Entertainment Application: Youtube, Youku, Online Music, Browser
	Communication Application: QQ, MSN, SKYPE, E-MAIL
	Thunder
	Office Softwares: Word, Excel, PDF, PPT, Calculator, Electronic Dictionary
	Games: Developing
Hardware	500Mhz, CPU core:ARM9
	2G Flash
	512M DDR
File System	FAT,FAT32,NTFS,EXT2,EXT3
Video Output	AV, YPbPr, HDMI1.3
Audio Output	L/R stereo output, Optical

	File Format	Video Coding	Pixels
Video Format	MP4, MOV (.mp4, .mov, .xvid, .m4v)	DivX、MPEG-4	1920 × 1080
	AVI(.avi, .divx)	MPEG1、DivX、MPEG-4、H.264、VC-1	1920 × 1080
	DVD Video(.iso)	MPEG1、MPEG2	1920 × 1080
	ASF, WMV(.asf, .wmv, .xvid)	MPEG2、MPEG2、VC-1、WMV9	1920 × 1080
	MKV (.mkv,xvid)	DIVX、MPEG-1、MPEG-2、MPEG-4、H.264	1920 × 1080
	RM, RMVB (.rm, .rmvb)	RV8, RV9	1280 × 720
	TS	MPEG1、MPEG2、H.264、VC-1	1920 × 1080
	DAT, MPG, MPEG (.dat, .mpg, .mpeg)	MPEG1、MPEG2	1920 × 1080
	VOB (.vob)	MPEG1、MPEG2	1920 × 1080
	Audio Format	MP3/WMA/WAV/RM/FLAC/APE/DTS/AAC/AC3	
Picture Format	JPEG、BMP、GIF、TIFF、PNG、RAW, The Max Definition is up to 8176*8176		
Subtitle Format	SMI/ASS/SSA/SRT/SUB/SUB+IDX		
External Interface	Two USB HOST, USB-PC, SD Card, HDMI1.3, YPbPr, AV, Optical, LAN		

Other Function	Support Samba and UpNP
	Support External Wi-Fi with USB dongle.
	Support External Wireless Mouse and Keyboard.
	Support Touch Key.
Input and Output interface	HDMI Output
	YPbPr
	AV
	Optical
	Two USB HOST
	L/R Stereo Output
	RJ45
	Support In-built 2.5' ' SATA Hard disk
PC-USB 2.0	

FAQs	Causes	Resolutions
Power indicator lamp does not turn on	No power supply for the player	Please check if the adapter is good and the adapte is connected well.
No image	The player is in standby status	Press the POWER key and enter the working status.
	The output mode of player is inconsistent with the input mode of TV set	Press the POWER key into operating status Set the output of player and input of TV set to the same mode.
	The cable is poorly connected.	Re-connect the cables.
No voice	The cable is poorly connected.	Re-connect the cables.
	The unit is in mute status.	Press the MUTE key again to cancel mute.
	The volume is set too low.	Tune up the volume.
The movable hard disk cannot be identified	USB cable is poorly connected.	Re-connect the USB cable.
	Insufficient power supply for high capacity hard disk	Please use a shorter USB line. If the movable hard disk has an external power supply, please connect the external power supply.

Remote controller failure	The remote controller is not aimed at the remote control receiving window of player or the receiving window is blocked.	Aim the remote controller at the remote control receiving window of player.
	The remote controller is too far away from the player.	Only use the remote controller within 5 meters.
	The batteries of remote controller have run out.	Replace with new batteries in same model.
No subtitle is displayed for movie	The subtitle file and movie file are not in the same directory.	Put the subtitle file and movie file in the same directory
	The subtitle file name and movie file name are not the same.	Change the subtitle file name and movie file name into the same, e.g., 2012.MKV; 2012.srt.