

Androstick

Makes Your TV Smart

User Manual

Model: FV-D11

Before operating the unit, please read through this manual.
The manual contains important safety information and tutorials about the product.

For more information: www.artwaytech.com, www.androstick.com

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SAFETY WARNING!

Before operating the unit, please read this manual thoroughly.

PLACEMENT

- Do not place the unit on an unstable cart, stand, tripod, bracket, table, or shelf.
- Do not expose the unit to direct sun-light and other sources of heat.
- Do not handle liquids near or on the unit.
- Never spill liquid of any kind into the unit
- Do not put the unit near appliances that create magnetic fields.
- Do not put heavy objects on top of the unit

POWER SUPPLY

- Make sure the USB power supply can offer 5V/1A.If not, please use a 5V/1A output AC adapter instead.
- Please unplug power supply and aerial plug when the weather is thunder-storm or lightning.
- Please unplug power supply, when there is nobody at home or didn't use over a long period of time.
- Please keep power cord from physical or mechanical damage.
- Please use exclusive power cord, don't modify or lengthen it.
- Please check and ensure AC source is connected with the ground.

TEMPERATURE

- Do not place the unit near or over a radiator or a heater register.
- If your unit is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely

HUMIDITY

- Do not expose machine in rain, damp or place near water.
- Ensure the indoor drying, cool.

VENTILATION

- Keep the ventilation openings clear.
- Ensure that the unit has enough space for ventilation around

BATTERY

- Accurate transaction and recall scrap battery after using.
- Please don't let kid touch battery, in case of dangerous don't throw battery into fire.

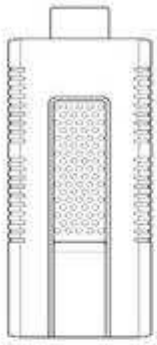
FEATURES

Androstick is a brand new product that based on Android OS.

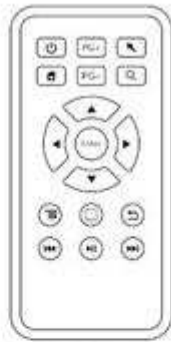
You can use it:

- Surf the Internet via Wi-Fi
- Communicate with your friends via SNS applications
- Enjoy movies, music and photos via media player

PRODUCT&ACCESSORIES



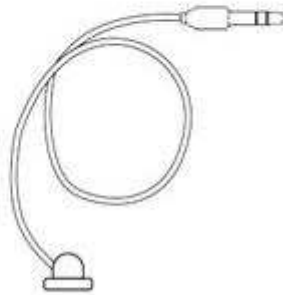
D11



Mini Remote
Controller



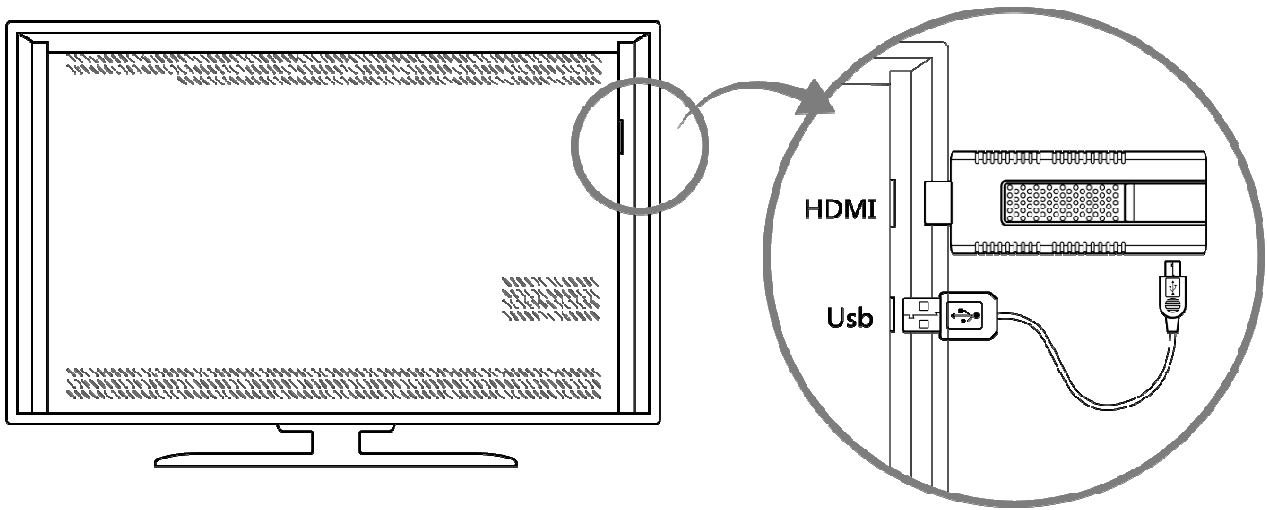
USB Supply
Line



Remote Signal
Receiver

QUICK INSTALL GUIDE

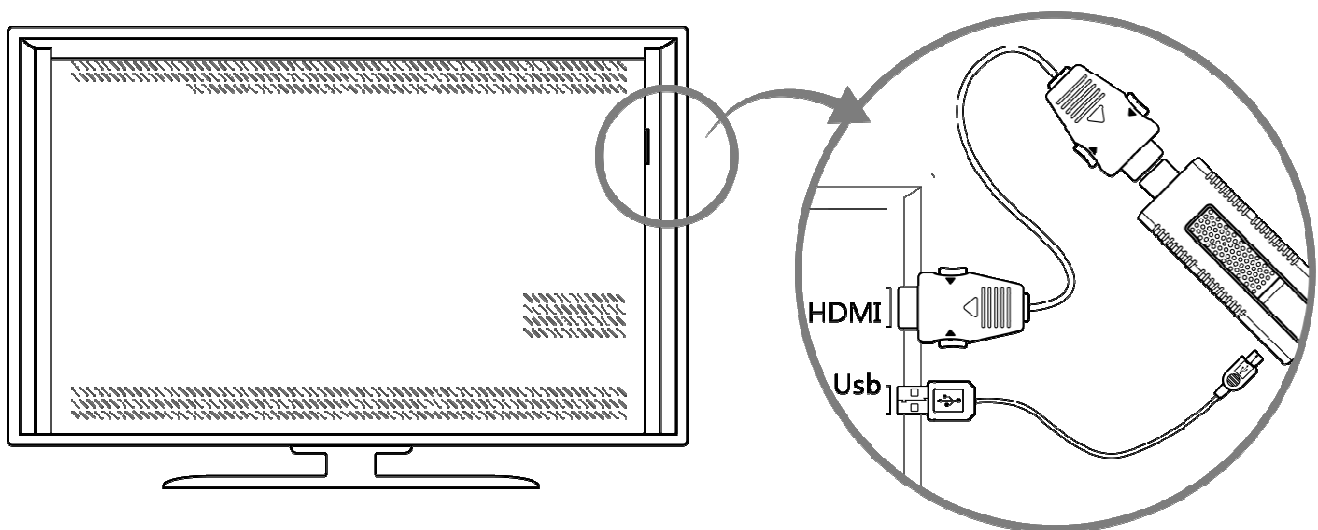
Install Information



Normal Condition:

Insert D11 into TV's HDMI input interface.

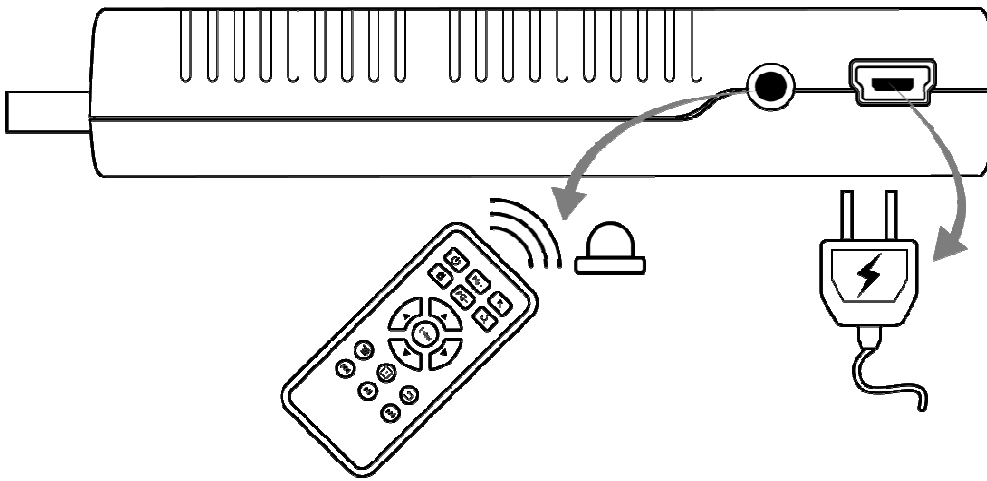
Connect D11's mini USB port to TV's USB port via USB supply line for power supply. (***ATTENTION: Make sure the USB power supply can offer 5V/1A. If not, please use a 5V/1A output AC adapter instead!**)



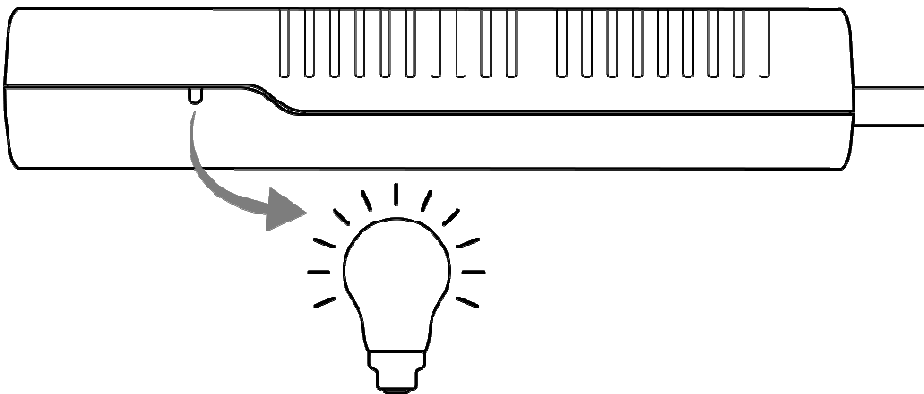
Special Condition (NO ENOUGH ROOM FOR D11 AROUND THE TV'S HDMI INPUT INTERFACE):

Connect D11 to TV's input interface through HDMI extended line.
Power supply as above.

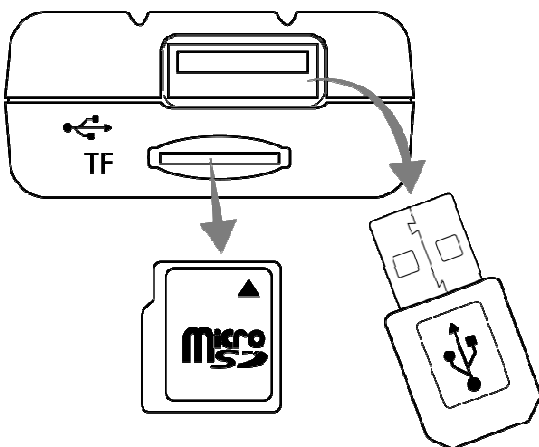
INTERFACE



Left:
2.5mm interface: I/R remote control receiver;
Mini USB interface: Power supply (5V/1A)

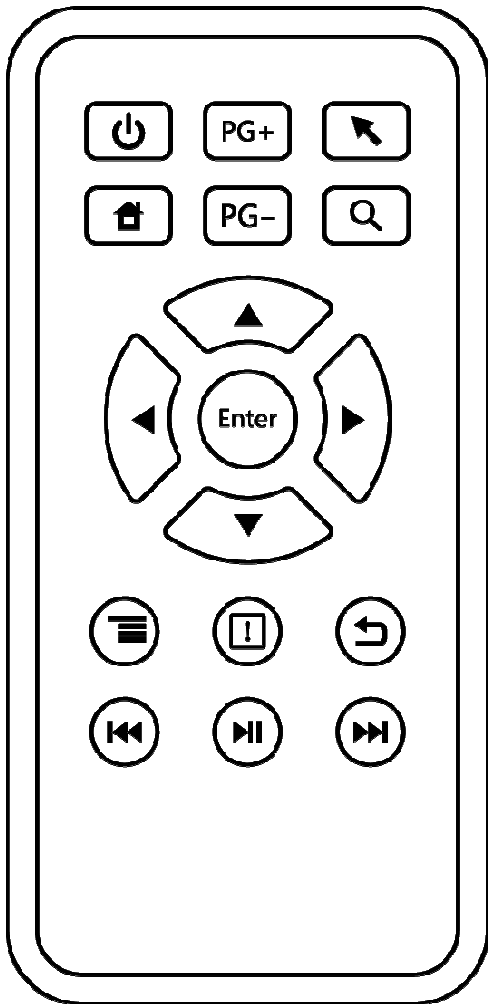


Right:
Signal light: (Red light during running, no light when shut down)



Back:
USB2.0 interface: Input with USB-disk or mobile HDD
Micro SD Card slot: Support up to 32GB

Remote Control Operating

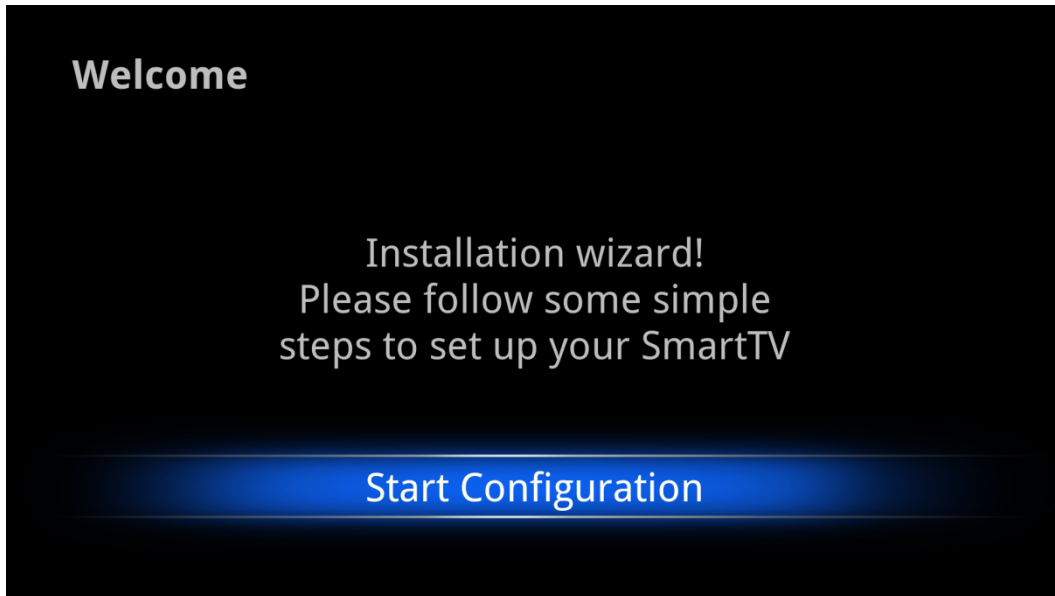


Icons	Features
	Power
	Page up/ Page down
	Mouse/keypad
	Call out search bar (also can input web address)
	Home button
	Directions & Confirm
	Call out menu
	Notification Bar
	Back
	Previous
	Play/Pause
	Next

INSTALLING WIZARD

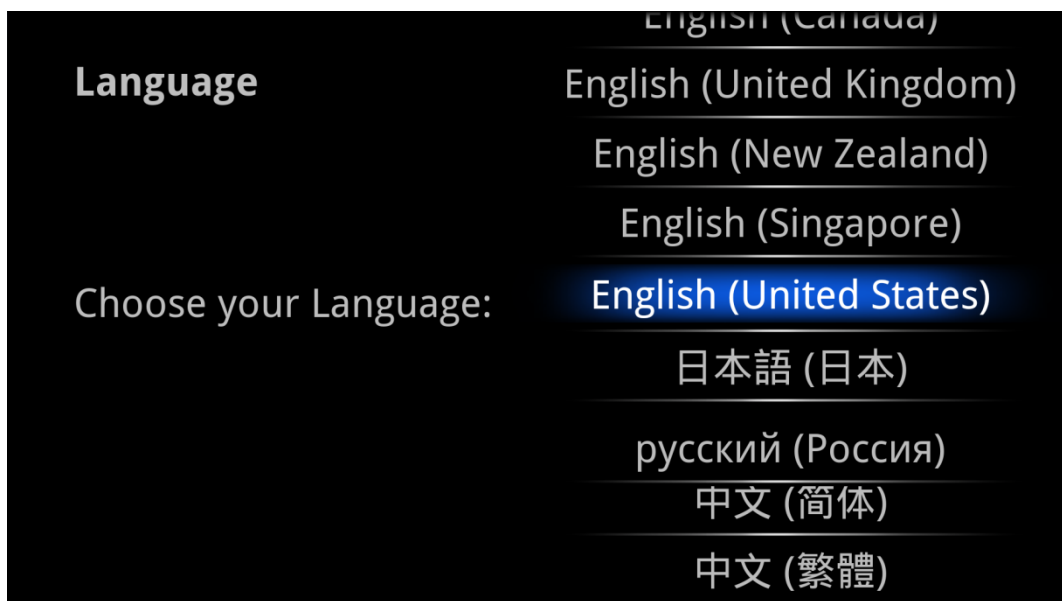
WELCOME PAGE

When the Androstick D11 is first powered up, Welcome Page will be shown. It will help you to configure the device



INSTALLING WIZARD

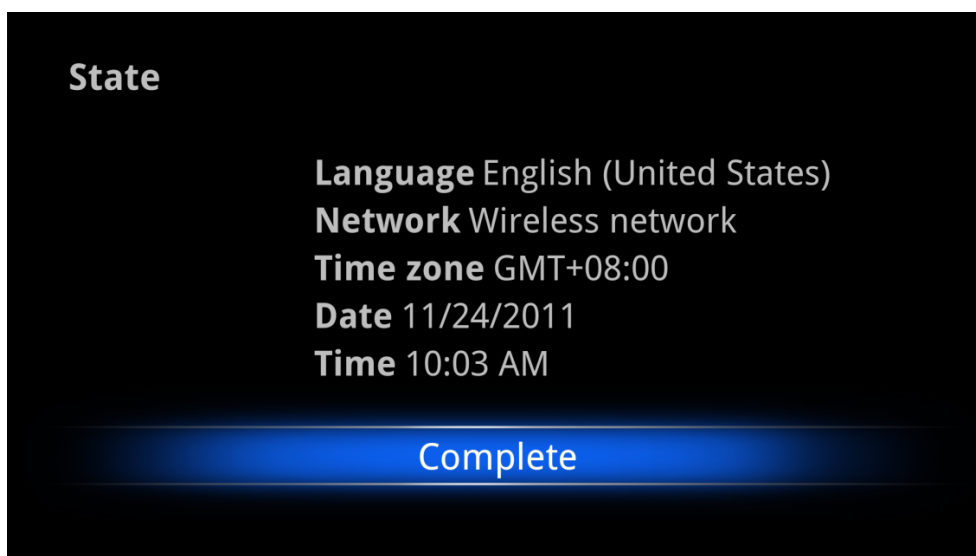
Choose your language:




Choose your Wi-Fi network access point:



Configuration Result:




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








User can setup the Language, Network, Time Zone, Data/Time, and adjust screen size.

Reminder: If you want to skip this wizard, press “” key. If you finish this wizard once, it will not auto-open when system booted.

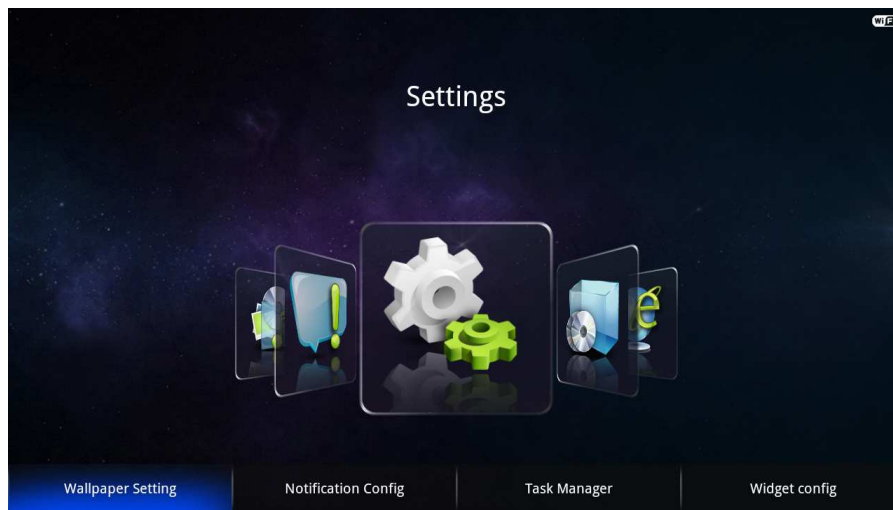
MAIN LAUNCHER

Press the arrow buttons  to select the icon and 'ENTER' the sub-screen:



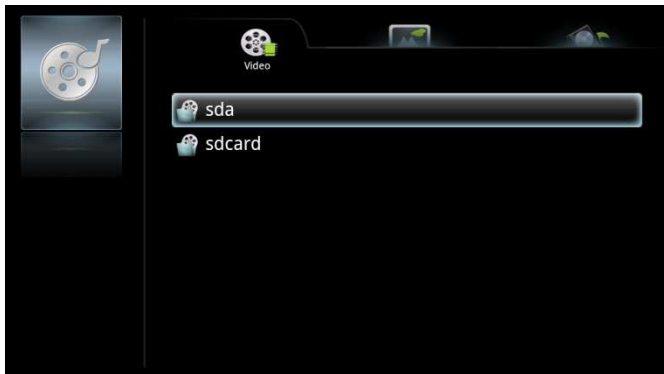
FUNCTION	DESCRIPTION
	The Media Player lets you enjoy all of your videos ,music and pictures from system memory or storage devices
	The Notification expand the notification bar for checking if there is any notification
	The Settings screen contains most of the customizing and configuration options, such as language, aspect ratio, date and time and network
	The AppManager lets you launch selected applications, such as Weather, Calendar ,News
	The Browser allows you enjoy your time on surfing Internet and searching for information

LAUNCHER MENU

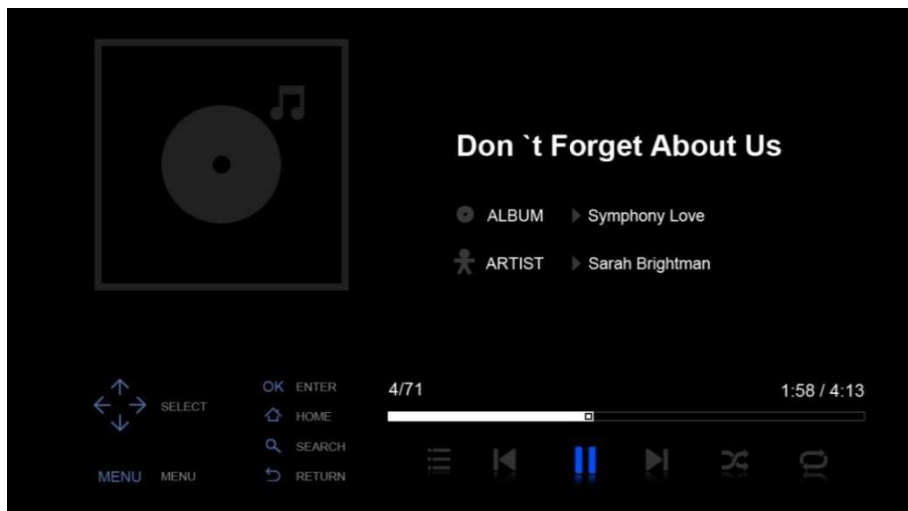


LAUNCHER MENU LIST	EXAMPLE	DESCRIPTION
<p>Wallpaper Setting</p>		<p>You can change your wallpaper into live ones or other beautiful pictures</p>
<p>Notification Config</p>		<p>You can open or shut down the function of notice reminder</p>
<p>Task Manager</p>		<p>You can manage applications as follows: Running App Process Running Service Running Task Recent Task</p>
<p>Widget config</p>		<p>You can manage your widgets here</p>

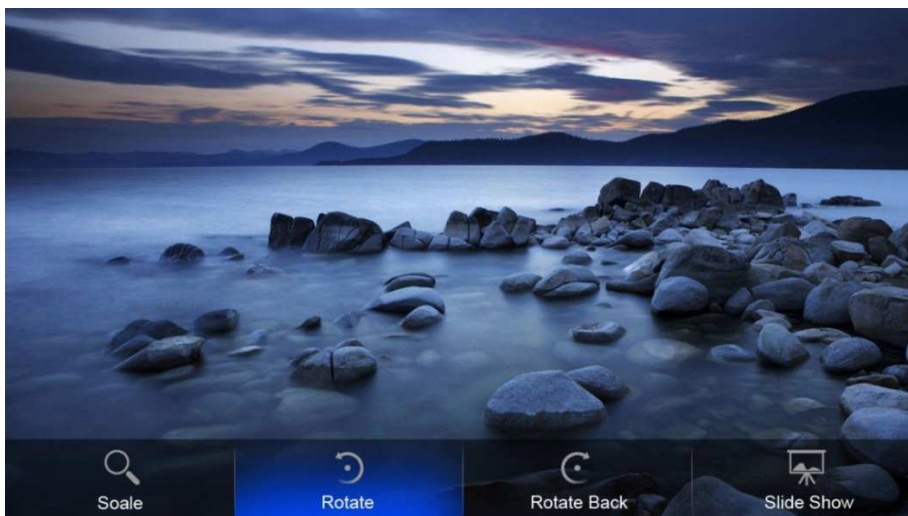
MEDIA PLAYER



The “Picture”, “Music” and “Video” are the media player for local storage. You can play the media on the USB-disk, Micro SD card etc.



Music player



Picture player





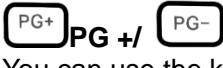
The following table shows the codec or format the product can play (more detail at [general outline](#)):

Type	Format
Video (Upper to 1080P)	H.264 (MKV, AVI, TS, M2TS, MOV, WMV, MP4, FLV)
	DIVX (AVI)
	MPEG1, MPEG2, MPEG4 (RM, VOB, MPG, MPEG, TS, M2TS)
	VC1
	WMV
Audio	MP3
	WMA
	AAC
	OGG
	WAV
	M4A
Picture (Resolution < 20M)	BMP
	JPG/JPEG
	GIF
	PNG

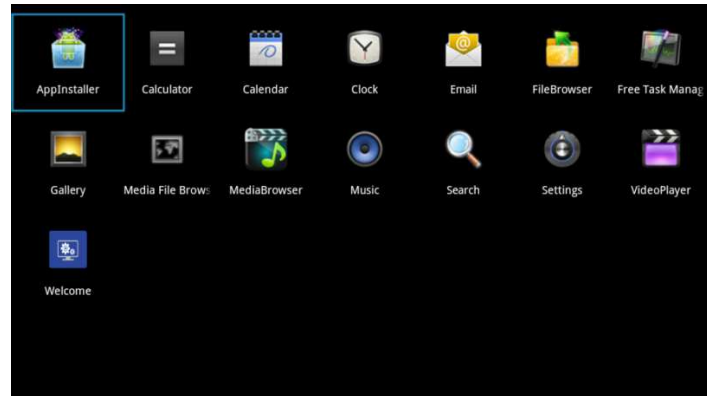
BROWSER



You will use the following key:

-  **Arrow buttons:**
Select and confirm to choose or enter
-  **Menu Key:**
Call out the Browser's menu, include forward, edit bookmark, refresh etc.
-  **Back key:**
Back to the last page
-  **Search key :**
Call out the search bar for searching or input new web address.
-  **PG+ / PG-:**
You can use the keys to browse up/ down the web page.

APPLICATIONS



● Install from USB-disk/Micro SD card

1. Open the "File Manager".
2. Choose your USB-disk or any other mass storage's folder.
3. Find you application, and press it.
4. Press the install button.
5. You can find the application in "App manager" after installation.

● Install from Browser

1. Open the Browser.
2. Press search key and input your website address.
3. Download an APK file if there is a link for download this file (*Before download, you must have your Micro SD card in the card slot).
4. You can find the file in your Micro SD card folder.
5. Install it use "File manager".

● Install from ApkInstaller

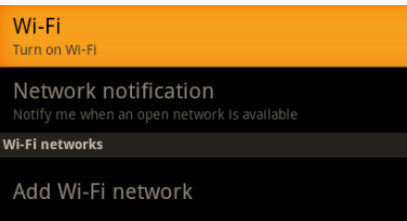


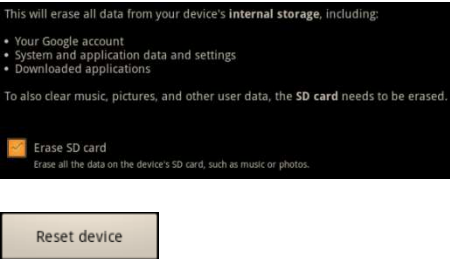
1. Open the ApkInstaller.
2. Find the icon of the application, and enter it.
3. Press the install button.
4. You can find the application in "App manager" after installation.

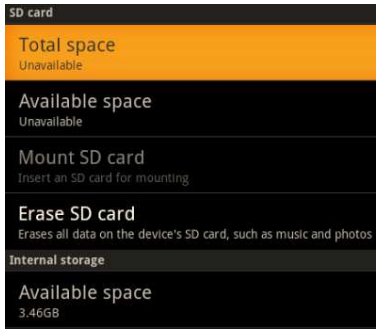


◆ Remove Applications

1. Enter SETTINGS
2. Enter "Applications--Manage applications"
3. Find the application you want to remove in tab "All"
4. Enter the icon and press "Uninstall"
5. Press "OK" to confirm uninstall

SETTINGS



Setup settings	Brief description
<p>Wireless & networks</p> 	<p>Check to turn on Wi-Fi so you can connect to Wi-Fi networks Check to receive an alert when an open Wi-Fi network becomes available Opens a dialog where you can add a Wi-Fi network by entering its SSID (the name it broadcasts) and security type</p>
<p>Display</p> 	<p>Output mode:</p> <ul style="list-style-type: none"> • 1080p • 1080i • 720p <p>Set your display overscan ratio</p>
<p>Applications</p> 	<p>Compatibility Mode Manage applications Running services Storage use</p>
<p>Reset to factory defaults</p> 	<p>This will erase all data from your device's internal storage To also clear music, pictures, and other data, the Micro SD card needs to be erased</p>

<p>Storage settings</p>  <p>The screenshot shows the 'Storage settings' menu with the following items: 'SD card', 'Total space' (Unavailable), 'Available space' (Unavailable), 'Mount SD card' (Insert an SD card for mounting), 'Erase SD card' (Erases all data on the device's SD card, such as music and photos), 'Internal storage', and 'Available space' (3.46GB).</p>	<p>Total space Available space Erase USB storage Available space of internal storage</p>
<p>Language & Keyboard</p>  <p>The screenshot shows the 'Language & Keyboard' settings menu with the following items: 'Language settings', 'Select language' (English (United States)), 'User dictionary', 'Keyboard settings', 'Android keyboard', 'Android keyboard' (Onscreen keyboard settings), and 'Built-in keyboard' (Built-in, physical keyboard settings).</p>	<p>Select language User dictionary Android keyboard</p>
<p>System updates</p>	<p>Updating system</p>
<p>About module</p>  <p>The screenshot shows the 'About module' settings menu with the following items: 'Model number' (BXA-901), 'Android version' (2.3.4), 'Kernel version' (2.6.34 28de78c@7a86c7a #2), 'Build number', 'Wi-Fi IP Address' (Not connected), and 'Wi-Fi MAC address' (Unknown).</p>	<p>Status Model number Android version Baseband version Kernel version Build number Wi-Fi IP address Wi-Fi MAC address</p>

ADVANCED FEATURES

DLNA (Digital Living Network Alliance)

● General Introduction

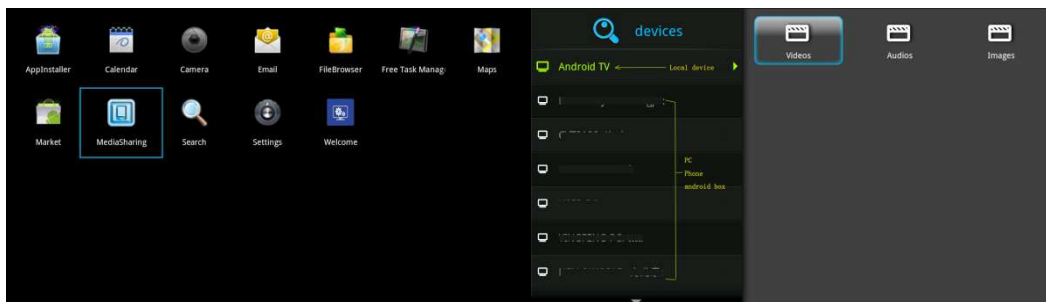
DLNA (Digital Living Network Alliance) seeks for more convenience, choices and enjoyment of your digital content through DLNA Certified devices. You can share/transfer/play/control media files from different devices through Wi-Fi.



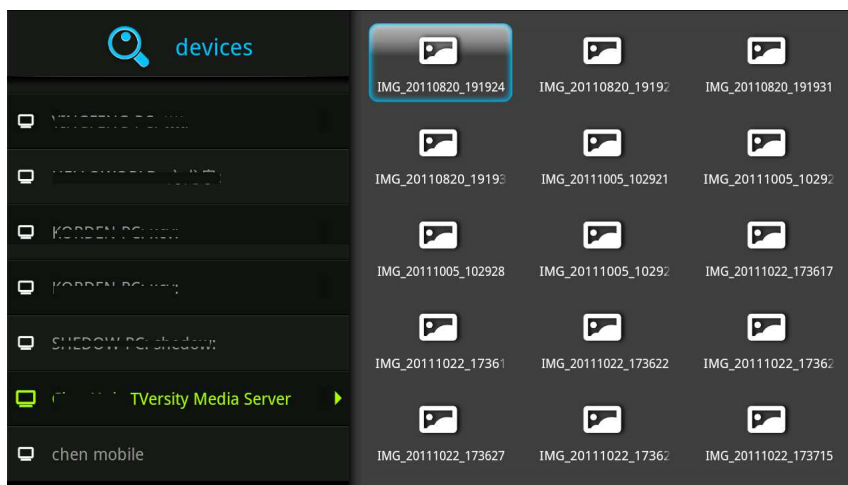
- 1) Android TV play the shared media files from notebook, phone or tablet PCs. (DMP)
- 2) Android TV shares its media files, and other devices or itself can play the shared files (DMS)
- 3) Android TV can be a display terminal of other devices(DMR)
- 4) Mobile phone can be the controller of the Android TV as well as push media files into the TV(DMC)

● Operating Introductions

- 1) Enter the APP *MediaSharing*. You will see a list of devices that support DLNA on the left.



2) Choose the right device on the left, you will see a list of media files that the device shared.



3) Choose and press the media file you want to play. It will take a little longer for video files. Music and picture play screenshots are as followed:

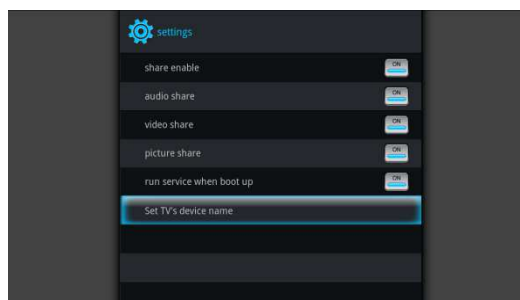
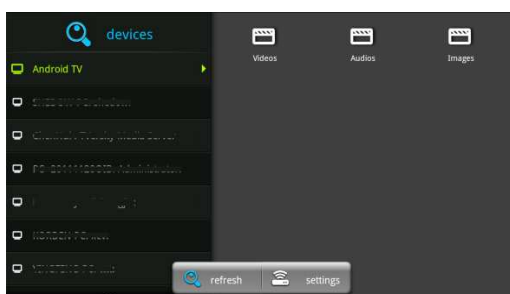


Operating tips:

You can drag the progress bar during playing music or video. You can also have basic functions like forward/rewind and Prev/Next

Picture player can zoom in/out and rotate the picture as you like, it also provide film slide function

Manu of MediaSharing

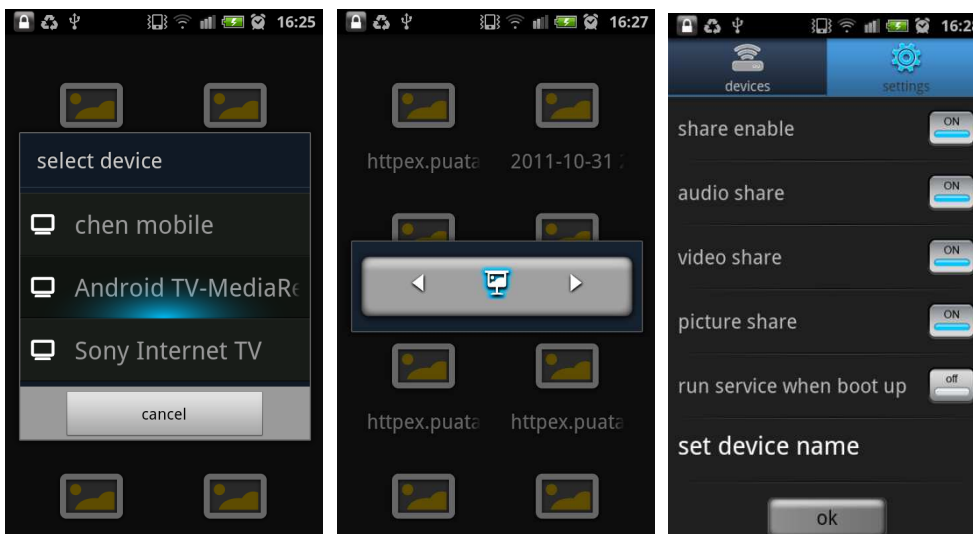


Operating tips:

Refresh: Refresh the list of supported devices

Settings: Turn on/off the function of sharing, turn on/off *run service when boot up* and set TV's device name

Set the APP for mobile phone



Operating tips:

① Install the APP for mobile phone. It will search for supported devices automatically in the current Wi-Fi environment. You can use different devices to play the media file you chose, such as *Android TV (AML8726)*.

② You can also have basic controller functions on your mobile phone. As you can control forward/rewind, prev/next and film slide and etc.

Google TV Remote

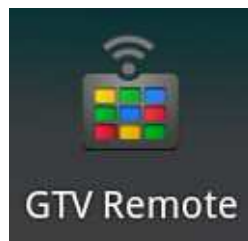
● General Introduction

Google TV Remote is an app that makes your mobile phone into a fully functional Google TV remote. Use the mouse pad, arrow keys, and the full range of buttons. It allows you to turn the TV and AVR on/off so you can use this as the primary remote. Even search using your voice!

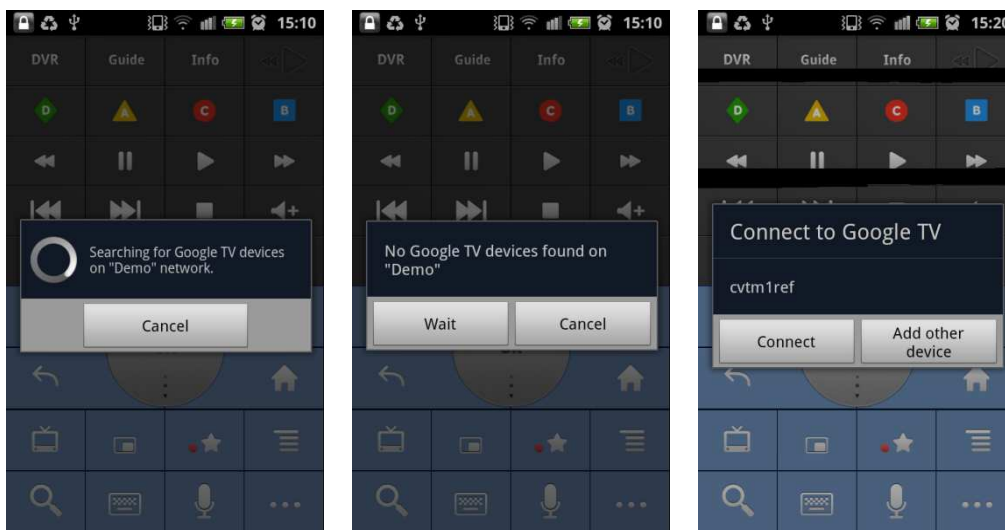


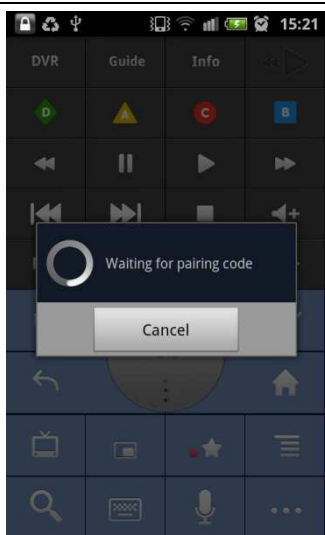
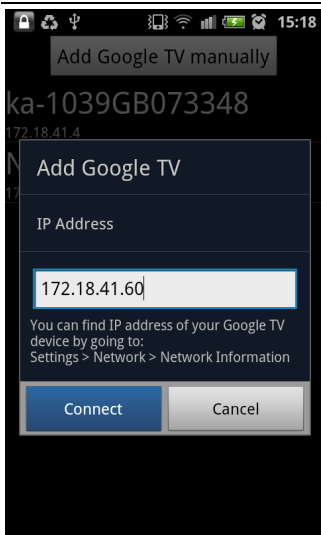
● **Operating Introductions**

1) Search and download the APP as below, install into your mobile phone:



Make our AML8726 product and your mobile phone connected to the same Wi-Fi connection. Open the GTV Remote, it will search for our product automatically.



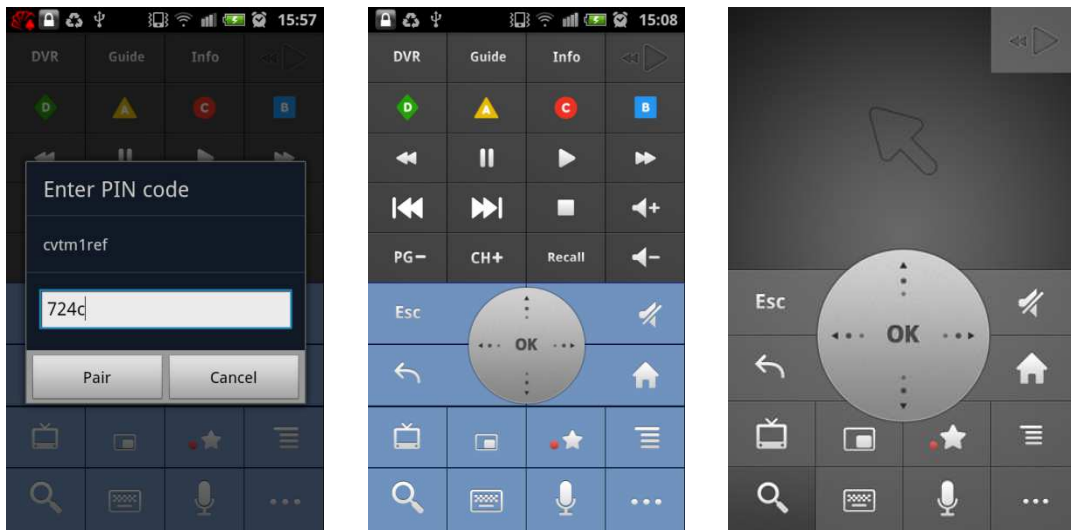


Tips:

- ❖ If you haven't found our product at first time, press "Wait"
- ❖ If you haven't found our product after several times of trying, please press "Cancel" and insert IP of our product manually
- ❖ Choose "Connect" if ID of the product is shown. Or you may choose "Add other device" to user other device
- ❖ Waiting for pairing code after clicking "Connect"

3) Insert the pairing code of our product on your mobile phone to connect.





VPN (Virtual Private Network)

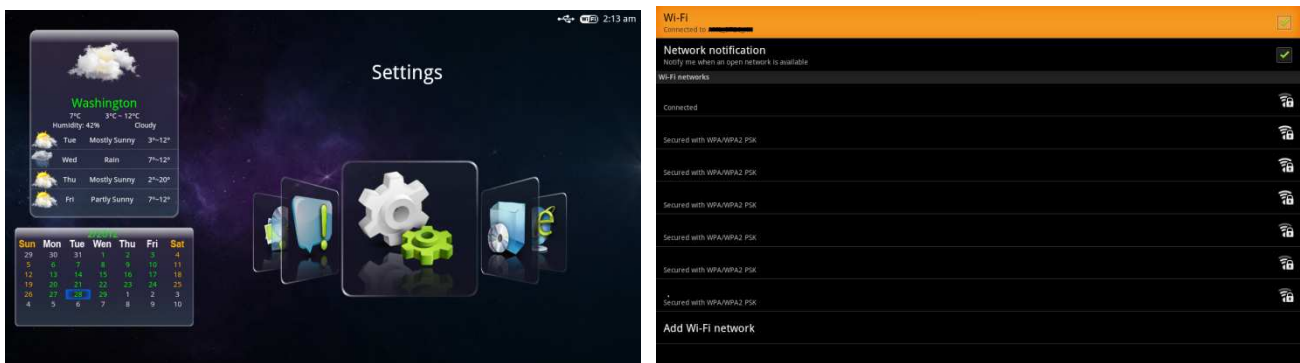
- **Introduction & Attention**

VPN: Virtual Private Network

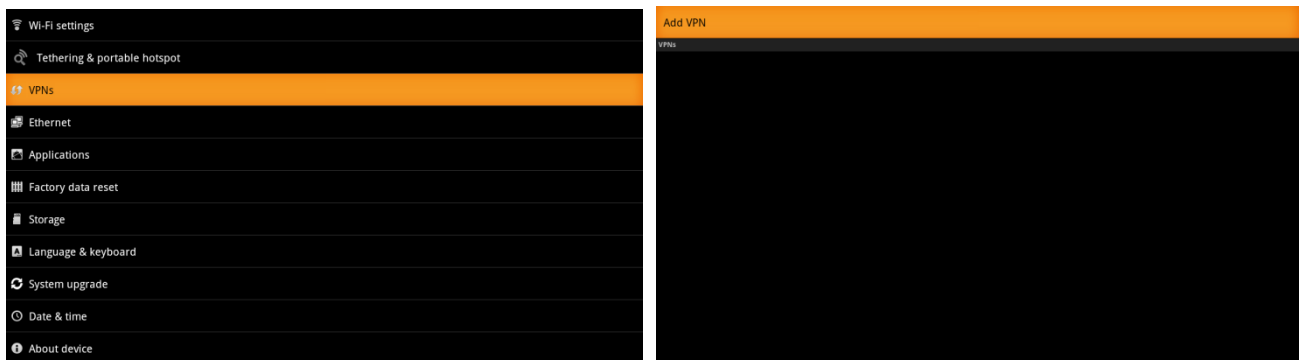
Attention: Before action, make sure the product is connected to a Wi-Fi hotspot. VPN function cannot run via Ethernet!

- **Operating Manual**

Please confirm your network is connected via Wi-Fi. You can check from *Settings*.

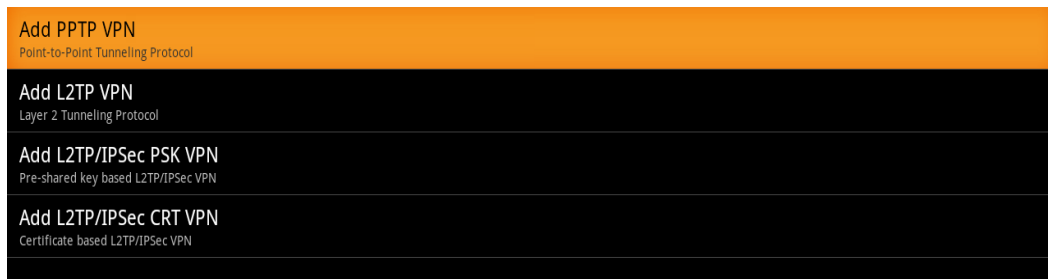


Choose *Settings-VPNs* and press *Add VPN*.

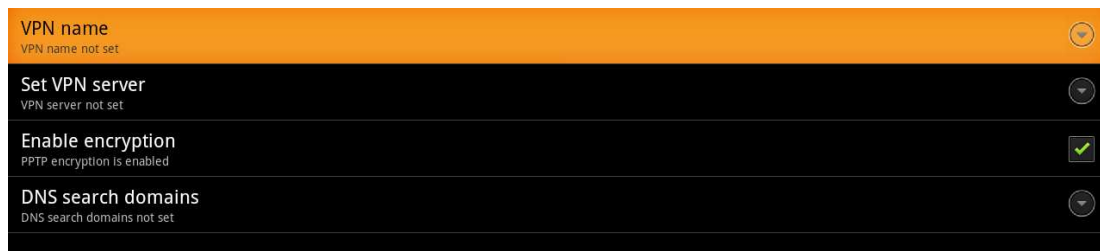


There are several connections according to different ways of implementing. Such as: PPTP(Point to

Point Tunneling Protocol), L2TP(Layer 2 Tunneling Protocol), L2TP/IPSec PSK(Pre-Shared Key based), L2TP/IPSec CRT(Certificate based)

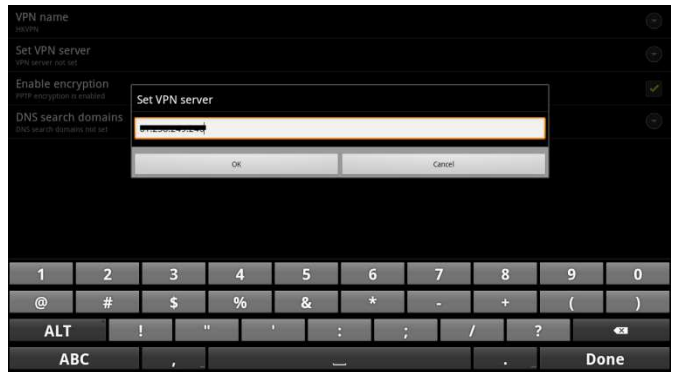
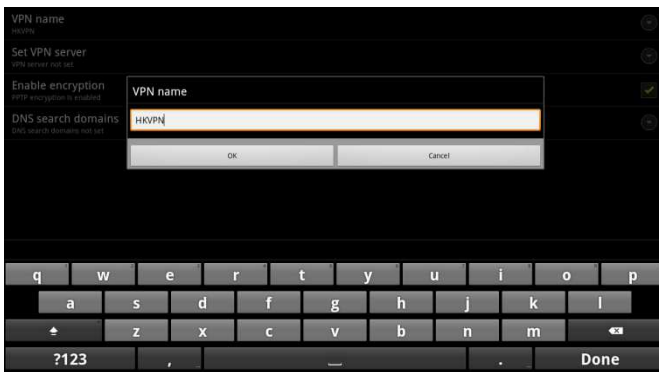


The following operation example is based on PPTP

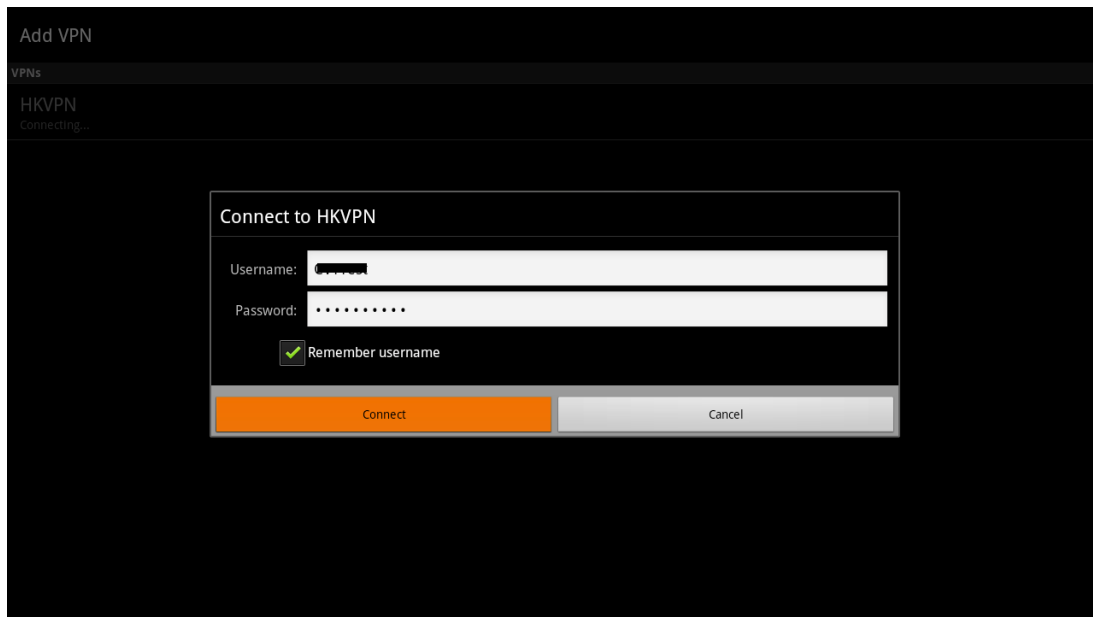


Process:

- Set VPN name.
- Set VPN server.
- Enable encryption or not.(Enable by Default)
- Set DNS search domains
- Return to launcher after setting complete



Enter Settings-VPNs and choose the VPN you added last step. Input the Username and Password to connect.(You can tick off Remember username in case of forgetting)



When connecting success, you can surf the Internet via VPN

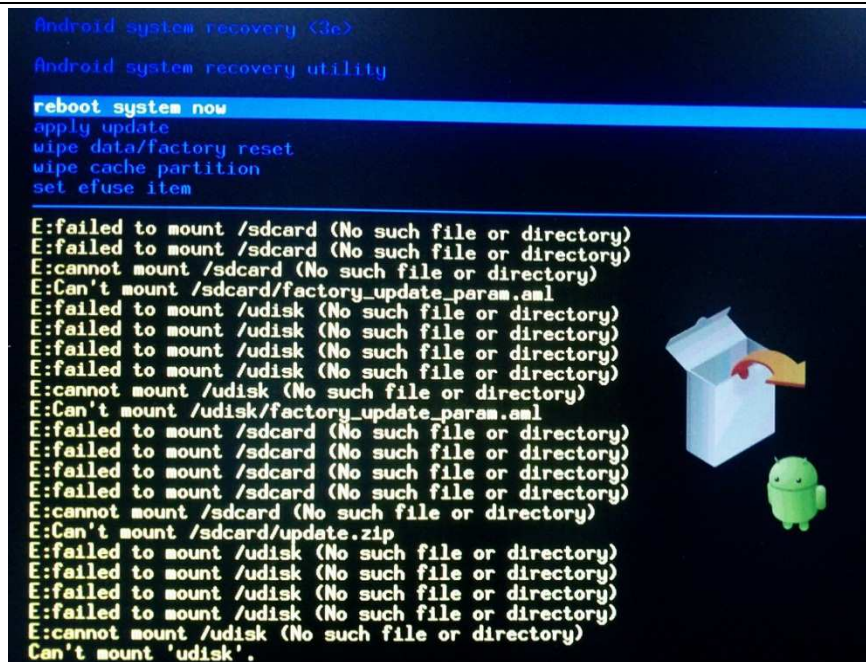
EXCEPTION HANDLING

Systems restore

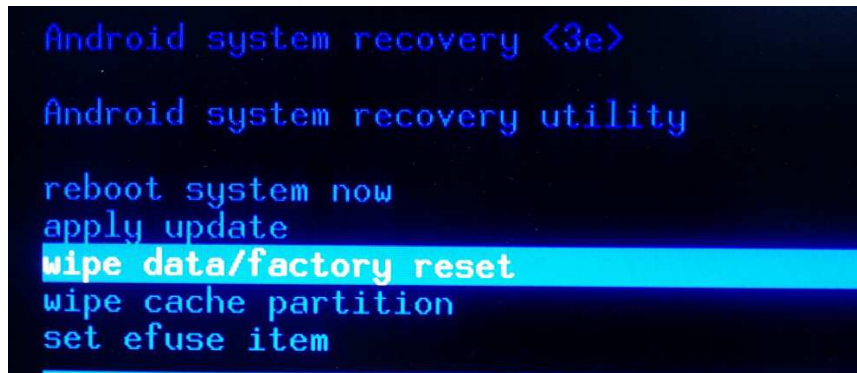
If the Androstick D11 cannot start successfully, please proceed as follows:

***Please read carefully before operation!**

1. Unplug your storage devices, such as: Micro SD card, USB-disk, mobile HDD and etc.
2. Unplug the power supply
3. Press the RECOVERY button (as the figure below), then plug in the power, release the RECOVERY button until you see the screen as follow



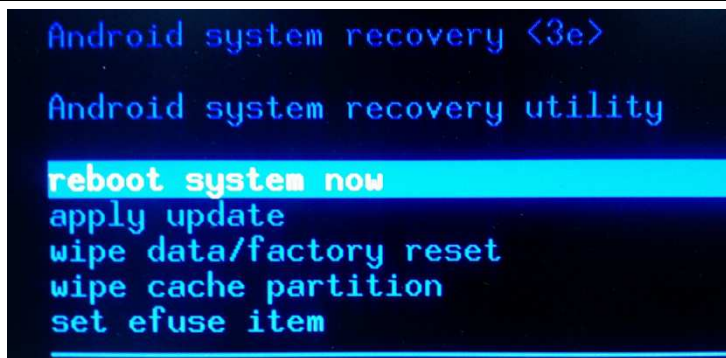
- Use Up/Down buttons to choose “wipe data/factory reset” and enter it



- Use Up/Down buttons to choose “Yes -- delete all user data” and enter it
 (*Warning!: It will delete all of user’s information after confirmation)



- Use Up/Down buttons to choose “reboot system now” and enter it, the product will reboot after confirmation



7. The product will enter the system successfully

SPECIFICATIONS

OS	Android 2.3
ARM	ARM Cortex A9
Frequency	Up to 1GHz
RAM	512MB DDR2
ROM	Built-in 4GB NAND Flash
I/O	Mini USB 2.0 port(For Power Supply) x1
	I/R remote signal receiver input x1
	Micro SD slot (support up to 32GB) x1
	USB 2.0 input x1
Networking	Built-in WIFI
Language	ENGLISH, CHINESE simplified, CHINESE traditional and JAPANESE and etc.
Display Specs	Aspect Ratio : 16:9 Resolution: 1920 x 1080P (Full HD)
Media Format	Video Formats: Full-format 1080P HD video decoding play Supported Video decoding: MPEG 1, MPEG 2,MPEG4, H.264, H.263, VC-1, RV30/40, Supported Audio decoding: PCM, LPCM, MP3, AAC, MPEG Audio, WM
	Supported subtitle formats: SRT,SSA,ASS,SUB
	Music format: WMA,MP3,WAV,OOG,AAC, M4A
	Picture format: JPG,GIF,BMP,PNG
Feature	FTI(First Time Installation)
	Screen keyboard or support USB keyboard, wireless keyboard and mouse
	Video, music, picture player
	File manager; ApkInstaller
	Email, Gmail and etc.(support POP, IMAP, Exchange)
	Support kinds of third-party softwares Support Adobe Flash