

# Android Box ENJOY TV Dual Core HDMI Stick ATV120 User's Guide



Thank you for purchasing this Geniatech product. .Before using it, be sure to read the precautions contained in this User's Guide. .Keep the User's Guide in a safe place for future reference. .For the most up-to-date information about this product, visit official website at <u>http://www.geniatech.com</u>

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#### **1. Safety Information**

Read and understand all instructions before using this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

#### 1.1 Warning

To reduce the risk of electric shock, DO NOT remove the cover (or back).

DO NOT attempt to repair the product, this could lead to the risk of injury, damage to the product .

To reduce the risk of fire or electric shock, keep this product away from exposed direct sunlight, naked flames or heat, large amounts of moisture, dust, and sand. FCC Note (for U.S.A)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on.

The user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Consult the dealer or an experienced radio/TV technician for help.

- This class B digital product meets all requirements of the Canadian Interference - Causing Equipment Regulations.

### **1.2 Precautions**

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.

Keep these operating instructions handy for future reference.

1.2.1 Read these instructions.

1.2.2 Keep these instructions.

1.2.3 Heed all warnings.

1.2.4 Follow all instructions.

1.2.5 DO NOT use this apparatus near water.

1.2.6 DO NOT clean with any chemical detergent. Clean only with a dry cloth.

1.2.7 DO NOT block any ventilation openings. Install in accordance with the manufacturer's instructions.

1.2.8 DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

1.2.9 Protect the power cord from being walked on or pinched particularly at plugs,

convenience receptacles, and the point where it exits the apparatus.

1.2.10 Only use attachments/accessories specified by the manufacturer.

1.2.11 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

1.2.12 Unplug this apparatus during lightning storms or when unused for long period of time.

1.2.13 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

#### **1.3 Handling Cautions**

1.3.1 DO NOT expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.

1.3.2 To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

1.3.3 DO NOT plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.

1.3.4 Before connecting other components to this player, be sure to turn them off.

1.3.5 If the product makes an abnormal noise or produces a burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer service center for technical assistance. Do not use the product. Using the product as it is may cause a fire or an electric shock.

### 2. Introduction

#### 2.1 Package Contents

Enjoy TV Dual Core HDMI Stick - ATV120 User's Guide IR Receiver Cable IR Remote Controller (IR RC) Optional Remote Controller 2.4G wireless Remote Controller USB wire/wireless Mouse & Keyboard

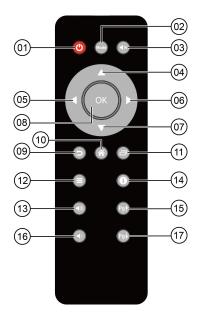
#### **2.2 Product Features**

- HDMI video output ,connect HDTV with Dual Core Stick ATV120 for HD 1080P video playback
- Dual Core ARM CORTEX A9\*2, frequency is 1.5GHz,RAM 1G, built in 4G flash memory. Powered by Android 4.2 OS
- Connect to the internet with Google Chrome browser to access any website for entertainment, information or education
- Support flash player11, watch online video from YouTube, Netflix, Hulu, Amazon, or any local video sites and even video-on-demand services
- Chat with Facebook or Twitter, Skype and Yahoo message etc
- Access to Android app-store to download, install and run the huge number of Android applications that are available
- Stream HD videos, listen to music and display images from your local memory or from any computer on the home LAN network(wireless DLNA)
- Built in 802.11b/g/n WIFI module, 2G-32G flash memory(optional) and supports 3D Graphics
- Direct power supply via Mini USB port, no need of a power adaptor
- Unique mini PC design, the size of the product is similar with USB flash disk
- The TV stick Dual Core is being operated by an infrared remote control, you can use the receiver everywhere within the operating range
- Support USB mouse and keyboard operations and a simple IR remote control with mouse functions
- Support weather, calendar, and desktop clock gadgets
- App Installer for application installation from USB/Micro SD

### **2.3 Panel Introduction**



#### 2.4 Remote Controller



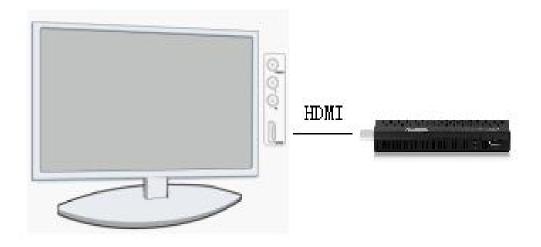
- 1 Power
- ② Mode
- **③** Mute
- **④** Upwards
- **⑤** Towards the left
- **⑥** Towards the right
- 7 Downwards
- 8 OK
- **9** Return

- 1 Home
- 1 Background App
- 1 Menu
- (1) Vol+
- Notification
- **(b)** Page Up
- 16 Vol-
- D Page Down

Note: Button Battery 2025 3V insert with correct polarity (+/-).

### **2.5 Setup Connection**

Place ATV120 on a flat platform near the TV, and make sure nothing block the remote control signal.



### 2.6 Display when Power Up

2.6.1 After power up, the TV will first show a green robot then change to "android" logo during loading. When loading is finished, it will go to Home screen.



2.6.2 Home Screen display.



### 3. Settings

Using Navigation (4 directions), OK, EXIT, and Menu keys of Remote Controller to select the options, the option selected will be highlighted and confirmed by pressing OK key. Same operation for text input if needed.

Select icon then press OK key.

### **3.1 WiFi**

3.1.1 It will automatically scan ambient WiFi networks when select "ON".

3.1.2 Connect an available WiFi network. If connect a secured WiFi network, corresponding password will be input firstly. Or fail to connect and need reset password.

3.1.3 Once build up the connection with a certain WiFi network successfully, ATV1220M will connect this WiFi network automatically when restart. Note: If factory reset, the password of WiFi network have to be reset.

Set	tings		ON	67	+	I
	WIRELESS & NETWORKS					
	🗢 Wi-Fi					
	8 Bluetooth					
	🛃 Ethernet					
	🕚 Data usage					
	More					
	DEVICE	Turning Wi-Fi on				
	M Sound					
	Display					
	🗮 Storage					
	🖄 Apps					
	PERSONAL					
	Location access					

### **3.2 Ethernet**

Connect Box and Router by RJ45 network cable.

Press "ON" in Ethernet setting, it will connect to network automatically.

### 3.3 Date usage

### Show data usage information.

Settings		
WIRELESS & NETWORKS	Data usage cycle Dec 5, 1969 – Jan 2, 1970	
🗢 Wi-Fi		
Bluetooth		
📑 Ethernet		
🕚 Data usage		
More	Dec 26, 1969 – Jan 2, 1970: about 0.00B used.	
DEVICE	No apps used data during this period.	
M Sound		
Display		
E Storage		
Apps		
PERSONAL		
Occation access		

### 3.4 More...

		♡ 00:08
Settings		
WIRELESS & NETWORKS	VPN	
🗢 Wi-Fi	Tethering & portable hotspot	
Bluetooth		
🗊 Ethernet	Proxy settings	
O Data usage		
More		
DEVICE		
M Sound		
Display		
🖀 Storage		
🖄 Apps		
PERSONAL		
Location access		

3.4.1 VPN Build and set VPN 3.4.2 Tethering & Portable hotspot3.4.3 Proxy settingsSetup proxy server

### 3.5 Sound

<b>†</b>		00:09
Settings		
WIRELESS & NETWORKS	Volumes	
🗢 Wi-Fi	SYSTEM	
Bluetooth	Default notification sound Pixie Dust	
🛃 Ethernet	Touch sounds	
O Data usage	SOUND DEVICES MANAGER	
More	Sound Input Devices	
DEVICE		
📢 Sound	Sound Output Devices	
Display		
🚍 Storage		
🖄 Apps		
PERSONAL		
Location access		

### **3.6 Display**

Settings		00:09
WIRELESS & NETWORKS         ♥ Wi-Fi         Image         Image         Image         More         Device         Image         Image	Font size Normal Wireless display Disabled	
Apps PERSONAL		

3.6.1 Font size Change the font size of OSD

WIRELESS & NETWORKS		Font size Normal		
🗢 Wi-Fi		Wireless display		
<ul><li>Bluetooth</li><li>Ethernet</li></ul>	Font size			
Data usage	Small		0	
More	Normal		۲	
DEVICE	Large			
🕪 Sound	Huge		0	
🚺 Display		Cancel		
Storage				
🖾 Apps				

3.6.2 Wireless display

### 3.7 Storage

Shows the storage used of the OS and SD card.

tings	
	INTERNAL STORAGE
WIRELESS & NETWORKS	
🗢 Wi-Fi	
Bluetooth	Total space 2.26GB
🛃 Ethernet	Available 2.1768
🕚 Data usage	
More	Apps (app data & media content) 52.53MB
DEVICE	Cached data
🕀 Sound	540КВ
Display	20.00KB
	SD CARD
🔳 Storage	Mount SD card
🖄 Apps	Insert an SD card for mounting
PERSONAL	
Location access	

### **3.8 Apps**

List all apps installed.

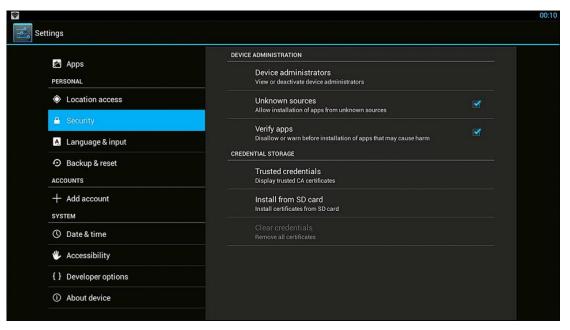
\$					00:10
Settings					
			DOWNLOADED	RUNNING	
WIRELESS & I	NETWORKS				
🗢 Wi-Fi					
Blueto	oth				
🛃 Ethern	et				
🕚 Data u	sage				
More					
DEVICE			No apps.		
📢 Sound					
Displa	у				
🗮 Storag	e				
🖄 Apps					
PERSONAL					
Locati	on access	85MB used	Internal storage	2.2GB free	

You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.

### **3.9 Location access**

Settings	
WIRELESS & NETWORKS ♥ Wi-Fi 8 Bluetooth	Access to my location Let apps that have asked your permission use your location information LOCATION SOURCES
8 Bluetooth 2 Ethernet	Wi-Fi & mobile network location Let apps use Google's location service to estimate your location faster. Anonymous location data will be collected and sent to Google.
O Data usage	
DEVICE	
<ul><li>Display</li><li>Storage</li></ul>	
Personal	
<ul> <li>Location access</li> <li>Security</li> </ul>	

### 3.10 Security



### 3.11 Language & input

Settings		
Apps	Language English (United States)	
PERSONAL     O     Location access	Spell checker 🕂	
Security	Personal dictionary	
📕 Language & input	KEYBOARD & INPUT METHODS	
D Backup & reset	Default English - Remote controller input method	
ACCOUNTS	Android keyboard (AOSP)	
+ Add account	English (US)	
③ Date & time	SPEECH	
🖐 Accessibility	Text-to-speech output	
{ } Developer options	MOUSE/TRACKPAD	
① About device	Pointer speed	

Change OSD language and input method.

The default input method is android standard keyboard.

If you are using our IR remote control, enter into "Default" option and switch to remote controller input method.

### 3.12 Backup & reset

A	BACKUP & RESTORE
Apps sonal	Back up my data Back up app data, Wi-Fi passwords, and other settings to Google servers
Location access	Backup account Backing up to debug-only private cache
Security	
Language & input	Automatic restore When reinstalling an app, restore backed up settings and data
Backup & reset	PERSONAL DATA
OUNTS	Factory data reset Erases all data on device
Add account	
TEM .	
Date & time	
Accessibility	
Developer options	
About device	

Back up my data:

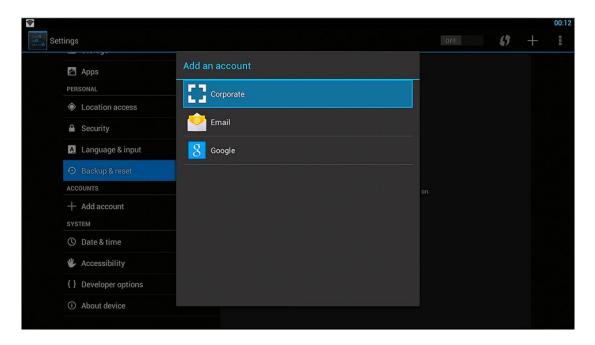
You can backup your application data, WiFi password and other settings.

Factory data rest:

You can reset all the settings and apps to factory default.

Note: You might want to backup important data before resetting the box. Once you choose to rest to factory default, all data/apps will be deleted.

### 3.13 Add account



### 3.14 Date & Time

Set date, time, time zone and time format

+ Add account Choose date format 12/31/1970	
Cocation access     Security     Security     Security     Security     Security     Select time one     GMT+00:00, GMT     Use 24-hour format     13:00     Choose date format     12/31/1970	
Security     00:12       A Language & input     Select time zone GMT+00:00, GMT       D Backup & reset Accounts     Use 24-hour format 13:00       + Add account     Choose date format 12/31/1970	
Backup & reset     GMT+00:00, GMT       D Backup & reset     Use 24-hour format 13:00       + Add account     Choose date format 12/31/1970	
Use 24-hour format       13:00       + Add account       Choose date format       12/31/1970	
ACCOUNTS 13:00 + Add account Choose date format 12/31/1970	
12/31/1970	
SYSTEM	
O Date & time	
4 Accessibility	
( ) Developer options	

### 3.15 Accessibility

🖉 Apps	SERVICES		
PERSONAL		No services installed	
Location access	SYSTEM		
Security	Lar	ge text	
A Language & input	Need a screen reader?		
Backup & reset     Accounts	TalkBack provides spoken feedback to help blind and low-vision users. Do you want to install it for free from Android Market?		
+ Add account	Cancel	ок	
YSTEM			
O Date & time			
🖐 Accessibility			
{ } Developer options			
<ol> <li>About device</li> </ol>			

### **3.16 Developer options**

₽		00:12
Settings		ON
Apps		
PERSONAL	Desktop backup password	
Location access	Desktop buckup password Desktop full backups aren't currently protected	
Security	Stay awake Screen will never sleep while charging	
A Language & input	Protect SD card Apps must request permission to read SD card	
<ul> <li>Backup &amp; reset</li> </ul>	DEBUGGING	
ACCOUNTS		
+ Add account	USB debugging Debug mode when USB is connected	
SYSTEM	Power menu bug reports Include option in power menu for taking a bug report	
① Date & time		
Accessibility	Allow mock locations Allow mock locations	
{} Developer options	Select debug app No debug application set	
① About device	Wait for debugger Debugged application waits for debugger to attach before executing	

If user want to do some debugging on box by ADB, enable USB debugging, you will get ADB function by Ethernet or WiFi network.

### 3.17 About device.

Firmware version under build number.

Location access       Legal information         Location access       Model number MBX reference board (stvmx)         Language & input       Android version 4.2.2         D Backup & reset Accounts       Uboot version 28c21ab(20140410.170650)         + Add account system       Recovery version a3e76ab-4b913a1-dirty(20140410.172938)         Verset & time 3.0.50-g4b913a1 jp@ubt124.a3e76ab-4b913a1(20140410.171633)         W Accessibility       Build number y0038001_20140410	🖄 Apps	Status Status of the battery, network, and other information	
<ul> <li>♦ Location access</li> <li>Model number MEX reference board (stvmx)</li> <li>Android version 4.2.2</li> <li>Backup &amp; reset</li> <li>Uboot version 28c21ab(20140410.170650)</li> <li>+ Add account system</li> <li>Pecovery version a3e76ab-4b913a1-dirty(20140410.172938)</li> <li>Kernel version 3.0.50-94b913a1 jp@wbf124 a3e76ab-4b913a1(20140410.171633)</li> <li>W Accessibility</li> <li>Build number y0038001_20140410</li> </ul>	PERSONAL	L and information	
Security       MBX reference board (stvmx)         Language & input       Android version         Backup & reset       4.2.2         Uboot version       28c21ab(20140410.170650)         + Add account       Recovery version         system       3.0.60-q4b913a1-dirty(20140410.171633)         V Accessibility       Build number         v0038001_20140410       Build number         v0038001_20140410       Y0038001_20140410	Location access	Legal mormation	
A Language & input       Android version         3 Backup & reset       Uboot version         4.2.2       Uboot version         28 Counts       28c21ab(20140410.170650)         + Add account       Recovery version         system       3.0 50-94b913a1-dirty(20140410.172938)         V Accessibility       Build number         v0038001_20140410       Public	A Security		
4.2.2          • Backup & reset       Accounts           • Add account           • Add account           • SYSTEM           • Date & time           • Accessibility           • Build number       vois0001/20140410	occurry	MBX reference board (stvmx)	
Backup & reset Accounts                Uboot version 28c21ab(20140410.170650)                  + Add account                 system                 O Date & time                 Accessibility                 Build number             y0038001_20140410                 Voos8001_20140410	A Language & input		
Uboot version 28c21ab(20140410.170650)       + Add account       SYSTEM       O Date & time       3.0.00-q4b913a1       20.0.00-q4b913a1       3.0.00-q4b913a1       3.0.00-q4b913a1       3.0.00-q4b913a1       W Accessibility       Build number v0038001_20140410	~	4.2.2	
ACCOUNTS     28e21ab(20140410.170650)       + Add account     Recovery version a3e76ab-4b913a1-dirty(20140410.172938)       SYSTEM     Kernel version 3.0.50-94b913a1 jp@ubt124.4asc/sab-4b913a1(20140410.171633)       * Accessibility     Build number V003B001_20140410	Backup & reset	Uboot version	
a3e76ab-4b913a1-dirty(20140410.172938)           System         a3er6ab-4b913a1-dirty(20140410.172938)           © Date & time         S. 0.50-94b913a1 .jp@ub124 a3er6ab-4b913a1(20140410.171633)           L Accessibility         Build number voosBo01_20140410	ACCOUNTS		
a3e76ab-4b913a1-dirty(20140410.172938)           System         a3er6ab-4b913a1-dirty(20140410.172938)           © Date & time         S. 0.50-94b913a1 .jp@ub124 a3er6ab-4b913a1(20140410.171633)           L Accessibility         Build number voosBo01_20140410	+ Add account	Recovery version	
O Date & time       So S0-944913a1 3.0.50-944913a1 jp@ubt124 a3676ab-45913a1(20140410.171633)         U Accessibility       Build number voolso01_20140410			
jp@ubt124 a3c76ab-4b913a1(20140410.171633)           Accessibility         Build number v003B001_20140410	SYSTEM	Kernel version	
Accessibility     Build number     V0038001_20140410	③ Date & time	3.0.50-q4b913a1	
V003B001_20140410	ale a constant	jp@ubt124.a3e76ab-4b913a1(20140410.171633)	
	Accessibility		
	{ } Developer options	V0038001_20140410	

### 4. Apps Install & Uninstall

On ATV120, you can install apps from Android Market over the Internet or other sources, such as other online sources, the internal storage and the USB storage device and SD card that you have mounted onto ATV120.

You also can manage apps on ATV120 and SD card, install/uninstall apps, stop running apps, or select other options.

## 5. Firmware Update

You can download newest firmware from Geniatech Official website: <u>www.geniatech.com</u>

### 6. Trouble Shooting/FAQ

#### 6.1 No Picture

Refer to the TV user manual for how to select the correct video input channel.

#### 6.2 USB Content cannot be read

- . The format of USB storage device is not supported
- . The supported memory size is 32G maximum.
- . Make sure that this player supports these files.

#### 6.3 Remote Controller cannot respond quickly to the pressing of keys

Make sure that batteries have enough power.

#### 6.4 The firmware updating is not complete after a long time

If you update the firmware over the online service, it may take a long time to download the firmware update files from the server. To save your time, update the firmware through the SD card.

### 7. Repairs

If you contact us to repair your player, an administration fee may be charged if either:

An engineer is called out to your home at your request and there is no defect in the product.

You bring the unit to a repair center and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.

We recommend you read this manual throughly, search for a solution on line at <u>www.geniatech.com</u>, or contact Geniatech Customer Care before seeking to repair your player.

# 8. Specification

	-					
CPU		al Core ARM Cortex A9 1.5GHz, 3D engine				
GPU		Mali 400MP2 @400MHz				
RAM		G DDR3				
ROM	4G, 1	4G, built in 2G-32G Flash memory(optional)				
OS	And	roid 4.2OS				
Optional	al CEC					
USB		USB2.0 x1 + Micro USB x1				
HDMI		V1.4a				
DC Input		Micro USB Power Supply				
SD Slot		Max: 32G				
Video Out	put	HDMI				
Audio Out	put	HDMI				
IR receive	r					
LAN		USB to Etherne	et Adaptor (optional)			
WiFi		IEEE 802.1 1B/				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0/11/2.10			
Audio Dec	oder	MPEG	MP1, MP2, MP3			
		WMA	WMA Ver: 4, 4.1, 7, 8, 9 WMA Pro			
		Other Audio	WAV, OGG, OGA, FLAC, ALAC, Ape, AAC, M4A, AC3, DTS, RM			
Video Dec	oder	Performance	Max. 1920x1080p @ 30fps			
		MPEG	DAT, MPEG, MPG, MPE			
		MPEG2	MPEG, MPE, MPG, M2V, ISD, TS, VOB			
		MPEG4	AVI, MOV, MP4, MKV, 3GP, 3GPP, FLC			
		Divx	Divx 3, 4, 5(AVI), Xvid(AVI)			
		H.264	AVI, MOV, MP4, MKV, TS, M2TS, M3TS, M4TS,			
			M5TS, MTS, M4V, FLV			
		Н.263	AVI, FLV, 3GP, 3GPP, MOV, MP4, 3G2			
		VC1	AVI, TS			
		WMV	WMV, AVI			
Image		Memory limitation, 8000x8000 pixels				
		JPG/JPEG/BN	•			
			now and Zoom			
Movie Sub	title	Font Sub-title				
	, unite	Image Sub-tit				
G( G						
Storage Sy	stem FAT16, FAT32, EXT2, EXT3, NTFS					
Cino		00				
Size		90x33x12mm				
Net Weigh	ι	34g				



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