

User Manual

























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1 Safe Caution



NOTICE: To prevent fire and electric shock, do not expose this receiver to rain or moisture. In order to avoid any possible risk of electric shock, never attempt to open the unit. In case of the unit breaking down, repair of the unit should be carried out by

qualified technicians. No part of this unit should be repaired by users.

WARNINGI

- Presence of live parts inside the unit! Do not open. Risk of electric shock! No part should be repaired by users.
- > The maintenance of the receiver should be carried out exclusively by qualified persons.
- If the power cord is damaged, it must be replaced or repaired by the manufacturer, its after-sales service, qualified electrician or persons of similar qualification in order to avoid possible danger.
- The product must be installed in accordance with national regulations.
- The used batteries must be disposed of safely. Throw them in appropriate rubbish bins in order to protect the environment.

Proper Installation

- > Place the receiver on a flat, firm and stable surface. Do not put it on a carpet or rug.
- Do not place the receiver on top of another device, such as an amplifier. This may lead to overheating.
- Do not put anything above the unit (for example, CDs or magazines).

Sufficient Ventilation

Place the receiver in a well-ventilated location to prevent accumulation of internal heat.

Allow a gap of at least 10cm to the rear and the top of the unit, as well as a space of 5cm to both sides to avoid overheating.

Do not obstruct any ventilation openings with items such as newspapers, tablecloths, curtains, etc.

Protecting the Receiver from High Temperatures, Humidity, Water and Dust

- > The receiver should not be exposed to dripping water or splashing.
- > No objects filled with liquids, such as vases, shall be placed on the unit.
- Do not place any objects that might damage your unit near it (e.g. liquid filled objects or candles).
- > Do not place any source of flames such as lit candles on the receiver.

Electricity Supply

- > Please unplug the receiver in case of prolonged non-use.
- If the power cord is damaged, it must be replaced or repaired by the manufacturer, its after-sales service, qualified electrician or similar qualifications to those to avoid possible danger.
- > The plug must remain readily accessible after the installation of the product.

2 Unpacking and setup hardware

The pictures shows what our product looks like and how to setup the hardware.

2.1 Front panel



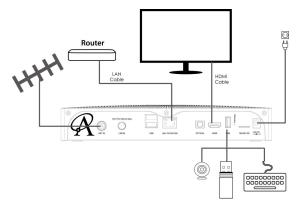
2.2 Rear panel



NOTICE: The pictures are for references only; please make the object as the standard.

2.3 Hardware installation

As shown, connect the interfaces on the television with the corresponding interfaces on the product (such as connect the product with TV sets through the HDMI cable), then after the power is connected, turn on the switch and you can use the product.



NOTICE: The picture is for references only, please make the object as the standard.

3 Remote control

IR Standard RCU



2.4G RF air mouse RCU



NOTICE: The picture is for references only, please make the object as the standard.

4 Software Installation

Notes: The default password is 0000 for this media box.

All the Instructions and pictures here are for reference only, please make the product you have as the standard and refer to the actual items.

4.1 First Installation Guide

First installation guide helps you to choose prefer menu language, HDMI output resolution, screen size and configure internet connection through Ethernet or Wi-Fi.



4.2 Search satellite TV

DTV First Installation helps you to search satellite TV/Radio channel manually, load backup channel list from USB/SD card storage or load channel list from internet. We advise you download the TV/Radio channel list from internet automatic and you could watching TV immediately. Please contact customer service center for help if you have any question when search TV/Radio channel list manually.



5 Watching Live TV

Enjoy TV after search TV channel. Uses the VOL+/VOL- button to control the volume output. Uses the CH+/CH- to change the channel.



Press OK button to show channel list and choose channel. You could Sort channel by alphabet, FTA(Free To Air)/CAS(Scrambled), HD/SD etc... You could also find channel quickly or filter channel by group in channel list.



5.1 DTV Menu

Press MENU button to display DTV menu for more option. You could choose audio track, turn on TELETEXT, add channel to Favorites group etc...

5.2 PVR (Personal Video Record)

The media box support instant PVR, timer PVR and EPG booking PVR. Please configure the storage device in DTV settings before start PVR. You could record your prefer live TV program to external USB storage and playback anytime anywhere. Press REC button again to open menu for change default recording duration. You could also change the default recording duration in DTV settings menu.

The user could manage recorded files; you can delete the files you've recorded by pressing the menu key and then pressing ok button to delete it.

5.3 Time-Shift

The media box support auto Time-Shift and manual Time-Shift when plug in external USB storage. Benefit by Time-shift feature, you could pause live TV if you want to leave TV set temporary. You could catch up the live TV when you

back to watching TV. Auto Time-Shift feature is turn off by default, you could turn on auto Time-Shift feature in DTV Settings menu when you plug external USB storage into the media box.



5.4 EPG (Electronic Program Guide)

Benefit by EGP(Electronic Program Guide) feature, you could find out when your prefer program is available in live TV. You could add schedule recording event by EPG. The media box supports present/following EPG and 21 days EPG. Press information button to show present/following EPG when watching TV. Press information twice to show the detail information about present program.



Press the EPG button to show the 21 days EPG menu. Press Left/Right, Up/Down key to look for EPG in the next 21 days, press blue button to reserve play program or record program. Press OK key to get detail information of the program. You could also change multilingual EPG by press Yellow button if multilingual EPG are available from operator.



5.5 Timer

Media box could help you to record your prefer program automatic anytime with timer

feature. You can choose what time to start recording and the duration time. Before this, of course, you must ensure your USB/SD card/ hard drive is connected to the Box and its storage capacity would be sufficient to store the recorded TV programs.

5.6 Channel Manager

Channel manager support delete channel, move channel, lock/unlock channel and multiple select, skip, rename channel. You could add your prefer TV/Radio channel to variety favorites group. The default password of channel manager is 0000. All channel manage operation are available in on one page.



5.7 DTV Settings Menu

DTV Settings Menu is design for professional configures global parameters of DTV application. You could setup some global settings were illustration as below.

- 1) AV output Settings
- Default Languages --- Helps you to setup default Subtitle language, TELETEXT language and Audio track.
- 3) OSD Settings --- Helps you to setup DTV OSD settings.

- 4) Parental Control --- Parental control feature helps to block the TV program that you don' t allow your children to watching it alone.
- 5) DB Management --- Helps you to backup TV/Radio channel list to external USB Storage or restore TV/Radio channel list from external USB storage.
- 6) PVR Settings --- Helps you to setup which external USB storage for PVR and Time-Shift. You could also turn on/off auto Time-Shift feature in this menu.
- System Settings --- Helps you to check the version number of the DTV application, reset DTV application to factory settings.



5.8 Installation

Installation feature in DTV menu helps professional search TV/Radio channel manually with connect the media box to antenna. You could configure LNB Frequency, 0/22 KHz, ToneBurst, DisEqC1.0/1.1/1.2, Motor, USALS, Uni-cable etc... Search TV/Radio channel by manually with variety filter such as fast scan, All TP, Blind scan, single TP, single TP+NIT, only FTA, only TV or Radio etc...



5.9 Android STB Online Restore Configuration User Guide

Thanks to easy online/USB configuration function, you don't need to install APP one by one or waste of time to scan satellite channel. You could restore configuration online or from external storage to get one touch play Prime Kodi, Satellite channel list, favorite's channel, favorites APP etc...

 Plug in Ethernet cable and power on the Android STB. You could find out restore menu in two ways.

Option A:

Press MENU button on the remote control on choose language page(Flag page) to show Restore function.



Option B:

Press Home button and choose restore ICON to show restore menu.



Choose this icon to show Restore menu

2. Choose Restore configuration online



3. Waiting for a moment to finish download configuration and restore.



4. The STB would be reboot automatic when finish to restore.



6 Entertainment on Android Media Box

Thanks to the power full Android platform, the media box convert your TV set to smart screen. You could enjoy more entertainment on your TV set such as watching YouTube video on your TV set, video chat with your friends on TV set, browse news, social network APP by connect Air mouse and play games on your TV set by connect Android compatible game-pad to the media box. Please contact customer service or access to our website to get more information about compatible accessories.

6.1 Install APP from NesTV Star Shop

Press Home button to show home page and choose Market to open NesTV Star Shop.

There are thousands of APPs in NesTV Star Shop. You could install your prefer APP for entertainment on your TV set.



6.2 Install APP from external USB/SD Card storage

Download APP install file(*.apk) on the computer and copy to USB/SD card storage. Plug
USB/SD Card storage in to the media box and press Home button to show launcher. You

could choose install APP from USB/SD card storage with AppInstaller or FileBrowser in All

APP list.



Launch Applinstaller to choose USB/SD card storage and browse APK file, press OK

button to install it.



6.3 Customize your launcher

You could add your prefer APP to home page and launch it quickly. Press

Home button to show launcher and choose + icon by press OK button and then you could add your prefer APP to the FAV page.



You could delete APP shortcut from home page or uninstall the APP by press menu button when you move the cursor to the APP shortcut icon.

6.5 NesTV brings new Entertainment Experience

Download NesTV APP from Google Play Store on your mobile phone and connect to the same Wi-Fi with the media box. You could enjoy NesTV brings you new entertainment experience.

- 1) Control the STB on smart phone
- 2) Watching live TV on smart phone
- 3) Manage channel list on smart phone
- 4) Share video/music/photo to big TV screen from smart phone

Please download NesTV from Google Play Store or iOS APP Store.



Connect the STB to the router by Ethernet. Make sure the smart phone connect to the same LAN with the STB.

Open NesTV on smart phone.

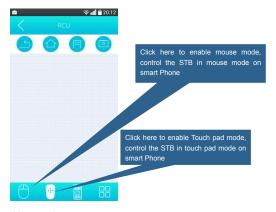


Connect to the the STB on NesTV. NesTV will scan and display all available STB in the current LAN. NesTV will connect to the last STB automatic.

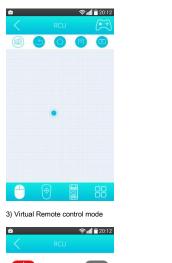


Go to RCU menu to control the STB from smart phone.

 Touch Pad mode: Slide Left/Right to move cursor, slide Up/Down to move cursor or channel channel. Click to confirm.



2) Mouse mode:





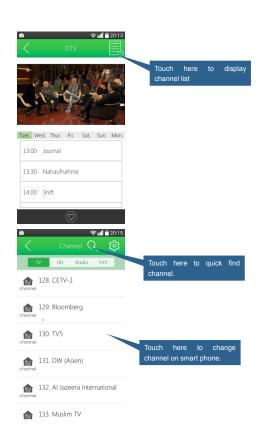
4) Get the APP list of the STB on smart phone and click to open it on STB.



Go to DTV menu to watching live TV and manage channel list on smart phone.











7 System Settings and upgrade

System settings and upgrade helps you to setup the media box in advance settings such as video/audio output, network connection, Bluetooth etc...

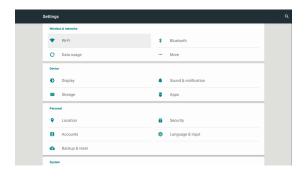
7.1 System Settings

You could open system settings menu from Launcher by choose Settings icon and press

OK button. You could setup Network, Display, Video/Audio output, Language etc...



Choose More Settings to open Android system settings for advance settings. Although the media box supply System settings for configure it in advance settings mode, we don't recommend the user configure the media box without skillful master.



7.2 System upgrade

Media box could be upgraded through USB/SD card storage and OTA. You might see online update notification on the home page when new software available on internet.

Click notification to download new software and upgrade the media box.



You could download the new version from our customer service website and upgrade the media box through USB/SD card storage. Go to Settings--->About--->Upgrade--->Local update.



Choose the upgrade package from USB/SD card storage to update the media box.



8 Troubleshooting

8.1 No signal on the HDTV

- Check if the HDMI cable is securely connected.
- Check if you have selected the correct HDMI input on your HDTV.
- Check the antenna cable, replace the cable, or connect the cable to the receiver tightly.
- > Set the values of the tuner parameters correctly in the installation menu.
- Check the antenna connections.
- 8.2 Cannot turn on your media box.
- > Check if the power connector has completely plugged into the DC socket of your TV.
- > Check if the power supply is stable.
- 8.3 Cannot connect to network
- > Make sure the network cable is securely connected and he Ethernet work well.
- Make sure Wi-Fi network is connected and the security key for the encrypted network is correct.
- > Make sure you select the correct IP address settings.
- 8.4 Some HDTV can not display the entire picture
- Setup the screen ratio on your HDTV as automatic.
- On your HDTV, go to Menu >Screen >Press arrow buttons to select the ratio type >
 Choose automatically display the entire screen.
- 8.5 The remote control does not work
- Make sure the batteries are good and they are inserted correctly in the remote control.
- Make sure no objects block the path between the remote control and the signal sensor

area on the product.

- > Make sure the distance between the remote control and the box is no more than 5 meters.
- Check the batteries for power, and if exhausted replace the batteries in the remote control.

8.6 No picture or sound

- > Check if the Audio/ Video output connection from the product to TV correctly.
- Press the MUTE button Turn TV on.

9. Specification

Hardware			
Chipset	Amlogic S912		
RAM	DDR3 2GB		
Flash	eMMC 32GB		
Video			
Video Decoding	H.264/H.265 HEVC MP@L5.0 up to 4K UHD@60fps H.264/H.265 AVC MP@L5.1 up to 1080P@60fps H.264/H.265 MVC up to 1080P@60fps MPEG-4 ASP@L5 up to 1080P@60fps AVS Jizhun Profile up to 1080P@60fps MPEG-2 MP@HL up to 1080P@60fps MPEG-3 IMP@HL up to 1080P@60fps MPEG-1 MP@HL up to 1080P@60fps MPEG-1 MP@HL up to 1080P@60fps RealVideo 8/9/10 up to 1080P@60fps WebM up to VGA		
Video File Format	Support *.mkv, *.wmv,*.mpg,*.mpeg,*.dat,*avi,*.mov,*.iso,*.mp4,*.rm,*.jpg, *.bmp, *gif etc		
HDMI Output	HDCP2.0		
Aspect Ratio	Auto, Full screen		
Video resolution 4K@60Hz 1080p/i 720p			
Audio			
Audio Decoding	MEPG, AAC, HE-AAC, OGG,OGA,FLAC,ALAC,Ape,M4A,RM, MPEG-1 layer1/2, MPEG-2 Layer II		
Audio mode	Mono/Stereo/Left/Right		
PVR Function			

Record	Instant Record and Timer Record		
	EPG Timer Record		
Time-Shift	Support Auto Time-Shift		
PVR Operation	Play/Pause/Stop/Step		
	Fast Forward/Fast Backward 2/4/8/16		
File System Support NTFS, FAT32			
PVR Manager	Delete recorded file		
Power			
DC Input Range	12V 2.0A		
Power Consumption	Maximum 24W		
Accessories			
RCU	IR RCU & 2.4G RF RCU		
User's Manual	English & Turkish		
HDMI Cable	1 Meter HDMI cable		
DC Adaptor	1pcs power adaptor		
Physical Features			
Operating Temperature	0°C-40°C		
Storage Temperature	ure -10°C-65°C		
Size(WxDxH)in mm	260*160*40mm		

