ARNU BOX

MACH 10

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MACH 10

User Manual

Preface

Thank you for purchasing the ARNU BOX Mach 10. Please read this manual carefully before using your unit and keep it for reference for any questions you might have.

Statements

We have made every effort to provide the most current information about the ARNU BOX Mach 10 available in this manual.

We do not grant any guarantees as to the contents of the present instruction manual and disclaim any implied guarantees concerning market value or suitability for specific purposes.

The information contained here is an instruction intended to enable the correct usage and maintenance of the product.

We reserve the right to introduce amendments, changes or translations of the user manual without prior notification thereof. For this reason , we recommend that you regularly visit our website in order to obtain the latest information.

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SECTION 1 Device Layout

1.1 ARNU Box Connections

Below is a diagram of the ARNU Box Mach 10 Connections at the rear of the unit. Please note that the A/V Port is only supported on the ARNU Box Android at select resolutions
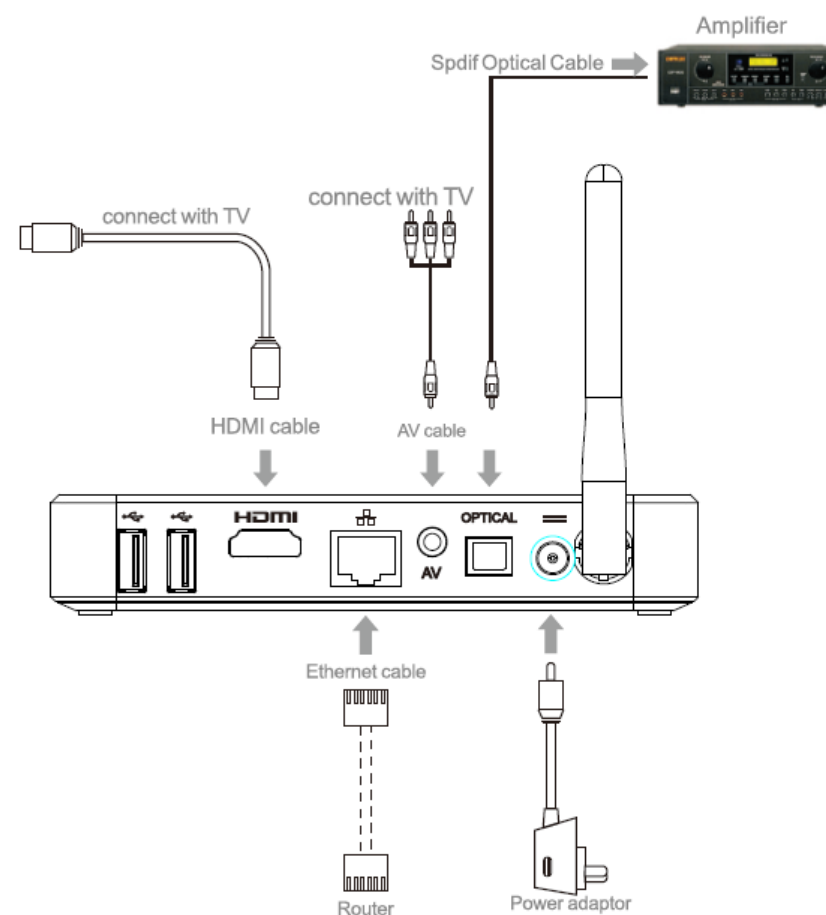
2.1 ARNU IR V2 Android Remote Layout

The ARNU Box remote has been painstakingly mapped to effortlessly navigate our custom Kodi build. The remote is designed to access all of Kodi's key features quickly so that you can spend less time exploring menus and more time enjoying your favorite media and streaming apps. See our remote map and chart below to learn about all of its features.

Mute:
Disables the sound during playback

Red button:
N/A

Green button:
N/A

Yellow button:
N/A

Blue button:
N/A

ZOOM:
Adjusts screen size during video playback

SUB:
Enables or disables onscreen subtitles

AUDIO:
Accesses on screen volume controls Volume, Volume Amplification, speaker functions, subtitles

INFO:
Accesses meta data on the feature being viewed

Next / Previous:
Goes to Next or Previous item in queue

FAV:
Opens the App favorites section of XBMC and Kodi (You must add apps to favorites manually)

PVR:
Accesses Kodi PVR for live TV

Rewind / Fast forward:
Allows you to rewind and fast forward

Playback / Pause:
Allows you to Pause and Resume playback

Stop:
Stops any playback of video or music.

Home:
Returns to the home start up screen

Menu Button:
Accesses addon settings to allow users to add an app to favorites, refresh and update repositories, access app settings and key settings features

Back Arrow:
Returns user to the previous screen

TAB:
Enter and Exit Fullscreen playback in Kodi

PG
Scrolls through pages in menus to quickly reach Next Page

Number pad:
Inputs numbers in any provided text field

Backspace:
Deletes text when inputting information in search fields
During Playback the button calls up home the screen functions

Gear Button:
N/A

OK:
Enters apps and opens programs

Mouse button:
Activates mouse cursor in Android

SECTION 2 ARNU Box - **ANDROID**

2.2 Configuring the ARNU Box Android

Setting up your ARNU Box Android box for the first time is quick and easy. Simply follow the on screen instructions which start with a welcome screen.

1. At the welcome screen press next
2. Select your language
3. Adjust the screen size. The system defaults to 100 percent. Using the ARNU branded remote press the down directional buttons until you can see a black boarder surrounding the screen.
4. Press up once to maximize screen area
5. Press next

SECTION 2 ARNU Box - **ANDROID**

Choosing your Internet Connection

Two Choices

Use the left and right directional buttons on the ARNU remote to choose to connect your ARNU Box to the Internet using either Wi-Fi or Ethernet.

Ethernet (Wired)

If you choose Ethernet (which is a hard wired connection) be sure to have a network cable plugged into an open network port of your router and the Ethernet port of your ARNU Box Android. Press next

Wi-Fi (Wirelessly)

1. Choose Wi-Fi
2. Use the directional buttons to choose your home network
3. Select your home network and press OK
4. Press OK again and enter your network pin using the on screen keyboard
5. Select the box "Show Password" to check for accuracy
6. Select the box labeled "Connect Now" and press OK
7. Wait until your ARNU Box provides the message Wi-Fi connected Your network and IP address will be displayed
8. Select finish and press OK

2.3 Setting up Code Red
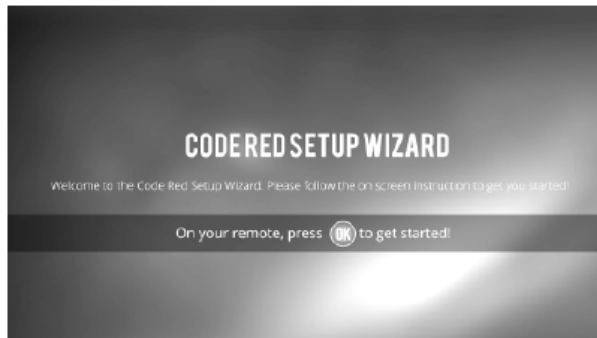
1. At the launcher selection screen use the directional buttons to select Code Red and press "ok"
2. Use the directional buttons to scroll down to the bottom of the selector to where it says Always and Just once.
3. Highlight Always and press OK.
4. At the Welcome screen follow the on-screen instructions and Press OK
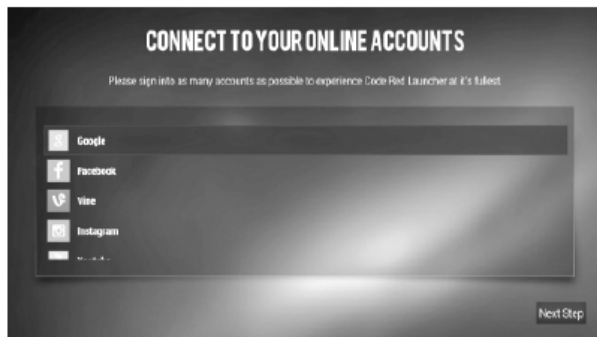
Connecting Social Networks

Code Red is designed so that users can view popular social network videos from services as well as their own personal feeds. In order to get the most out of your experience with Code Red we highly recommend that you sign in to as many of the social network choices that are relevant to your situation.

Google

This is by far the most important sign in. Signing into Google at launch will allow the ARNU Box Android to integrate your login info with the Google Play Store and other Google features.

1. Choose Google and select Existing or New
2. If you have a Gmail account select existing and enter your email address and password using the on-screen keyboard
3. Use next on the keyboard to move to the password field
4. Once completed select ok
5. After sign in use the directional buttons to select choices as to whether you want to back up your google account and receive notices.
6. Highlight the grey arrow (it will have a white outline when highlighted) and press OK
7. Adding a credit card. This is an optional step and only needed if you plan to purchase apps and media on Google Play.
8. You should see a green check mark next to Google

Facebook

Signing in to Facebook will allow you to view information from your wall submitted by your friends. This includes integration of pictures and video.

1. Select Facebook and press OK
2. Press the ok button again to highlight connect to Facebook. If Facebook does not launch initially repeat the process.
3. Enter your email (Facebook will populate your Gmail address as a default) If this is not your Facebook email address use the backspace button on the lower left hand corner of the remote to erase the email
4. Tap the mouse button in the lower right hand corner of the ARNU Box remote and use the directional buttons to select the field for email or phone
5. Press the mouse button again
6. Use the directional buttons and onscreen keyboard to enter your Facebook email address and press done
7. Enter your password and press done
8. Permit CodeRed to access your public profile and select OK

Vine

This will populate the filmstrip with vine's short videos

Instagram

Do you love seeing what people are seeing, cooking etc. Add Instagram to your filmstrip and enjoy life over the shoulder of your social network.

Menu Interface

My Videos: Access locally stored videos or videos from a networked hard drive or SD card

My Pictures: Access locally stored pictures or pictures from a networked hard drive or SD card

My Music: Access locally stored music or music from a networked hard drive or SD Card

Edit Feeds: Access the Filmstrip feeds and add or drop feeds from the Filmstrip.

Edit Layout: Allows users to add widgets by selecting open spaces in the top right corner, change background images, edit the Filmstrip and remove apps from the launch area. Navigate the screen using the remote directional buttons.

Settings: Accesses basic Android Settings

Help: Access the ARNU Box Forum Board via the Web Browser

Adding Android Apps on Code Red

In order to add Android apps to the Code Red Launch area at the bottom of the screen navigate to the plus sign in the left hand corner of the screen. Select this and press OK. Once in the Android menu select your preferred apps and press OK.

2.4 Toggling Between Internet Options Ethernet and Wifi

During the initial setup of your ARNU Box Android set-top box you have a choice to set up the box using the device's Wi-Fi or a hard wired Ethernet connection. If you choose one option you can change the internet connectivity method at a later time. Just follow these directions.

Turning off a Wifi Connection and Activating and Ethernet Connection

1. From the main context menu, on the upper left hand of the screen, highlight settings using the directional buttons and press OK.
2. Press the right directional button once to the right and once up to select the "ON" panel
3. Press ok to turn the Wi-Fi OFF
4. Insert a working network cable into the Ethernet port on the back of the device.
5. Insert the other end of the network cable into an open port on an internet connected router
6. Press the reverse arrow button located above the volume controls
7. Using the direction buttons highlight Ethernet and press ok
8. Press right on the directional button until you have reached the "OFF" button in the far right corner
9. Press OK to turn it on

Turning off an Ethernet Connection and Activating Wi-Fi Connectivity

1. From the main context menu, on the upper left hand of the screen, highlight settings using the directional buttons and press OK.
2. Press the right directional button twice to select the "ON" panel
3. Press OK to turn the Ethernet connection OFF
4. Press the reverse arrow button located above the volume controls
5. In the wireless and Networks menu use the directional buttons to select W-Fi
6. Press the right directional button to select the panel marked "OFF"
7. Press OK to turn it on
8. Press the right directional button to highlight the recycle icon and press OK (this will refresh your available Wi-Fi networks
9. Choose your network and press ok
10. When prompted enter your valid network key or password and allow the system to connect

2.5 Using Cloudword Sync

One of the most unique features of your ARNU Box Android set-top box is Cloudword Sync. Like Cloudword in Kodi the feature allows users to configure Android builds based on using one word commands called Cloudwords. Utilizing other enthusiasts builds is a great way to vary the look and feel of the device. At ARNU Box, we strived to make this easy and fun for our customers.
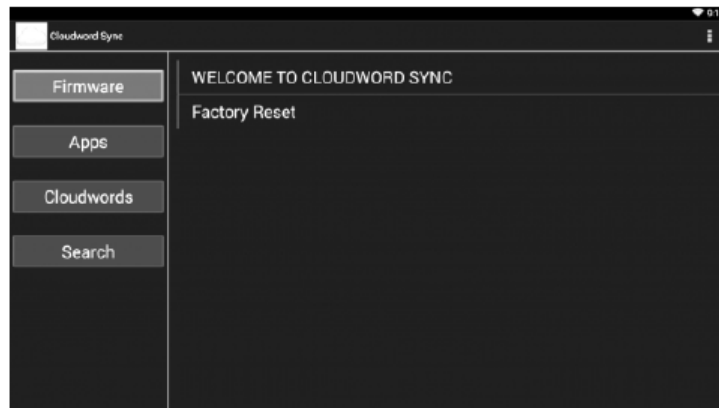
Firmware Section

The firmware section in Cloudword Sync will enable you to get new Firmware updates and even system patches for your ARNU Box Android.

We have also included a Factory Reset option so you can quickly reset your ARNU Box Android back to it's default factory settings. This is very useful if you are having any issues with your unit.

IMPORTANT NOTICE:

DO NOT TOUCH OR UNPLUG YOUR ARNU BOX WHEN DOWNLOADING / INSTALLING ANY ITEMS UNDER THE FIRMWARE SECTION.
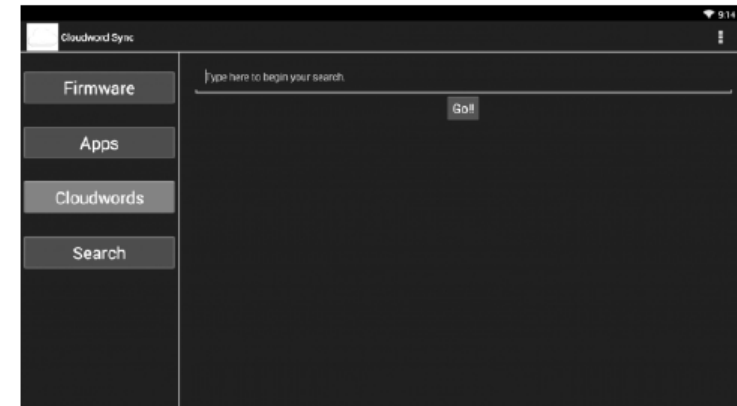
Cloudwords Section

1. Using the Code Red launcher, navigate to the icon on the bottom left corner of the screen using the directional buttons (This will be a square with four smaller squares inside) and press OK

2. Find the Cloudword Sync icon (It is small blue cloud contained within a white square)

3. Using the directional buttons select this icon and press OK

4. In the Cloudword Sync Menu use the directional buttons to select "Cloudwords "(When it is selected it will be highlighted with a blue color)

5. Press OK

6. Enter your selected Cloudword

7. The ARNU Box Android will download the new files and reset automatically. (Do not touch or unplug the ARNU Box Android while this process is taking place)

IMPORTANT NOTICE:

DO NOT TOUCH OR UNPLUG YOUR ARNU BOX WHEN DOWNLOADING / INSTALLING WHILE THIS PROCESS IS TAKING PLACE.

3.1 ARNU IR V2 Pure Linux Remote Layout

The ARNU Box remote has been painstakingly mapped to effortlessly navigate our custom Kodi build. The remote is designed to access all of Kodi's key features quickly so that you can spend less time exploring menus and more time enjoying your favorite media and streaming apps. See our remote map and chart below to learn about all of its features.

Mute:
Disables the sound during playback

Red button:
Opens ARNU Box System Settings

Green button:
Launches the Wireless Network Manager

Yellow button:
Opens Total Installer

Blue button:
Opens the Cloudword Installer
(one word app installer and configuration tool)

ZOOM:
Adjusts screen size during video playback

SUB:
Enables or disables onscreen subtitles

AUDIO:
Accesses on screen volume controls Volume, Volume Amplification, speaker functions, subtitles

INFO:
Accesses meta data on the feature being viewed

Step Backwards / Fowards:
Allows you to step backwards and forward when watching media

FAV:
Opens the App favorites section of XBMC and Kodi (You must add apps to favorites manually)

PVR:
Accesses Kodi PVR for live TV

Rewind / Fast forward:
Allows you to rewind and fast forward

Playback / Pause:
Allows you to Pause and Resume playback

Stop:
Stops any playback of video or music.

Home:
Returns to the home start up screen

Menu Button:
Accesses addon settings to allow users to add an app to favorites, refresh and update repositories, access app settings and key settings features

Back Arrow:
Returns user to the previous screen

TAB:
Enter and Exit Fullscreen playback in Kodi

PG
Scrolls through pages in menus to quickly reach Next Page

Number pad:
Inputs numbers in any provided text field

Backspace:
Deletes text when inputting information in search fields
During Playback the button calls up home the screen functions

Gear Button:
Accesses Kodi settings

OK:
Enters apps and opens programs

Mouse button:
Not available in Pure Linux

3.2 ARNU Box Pure Linux First Time Setup Wizard

When you first start your ARNU Box Pure Linux, a First time Setup Wizard will guide you through setting up your box.

To continue the Setup Wizard click "Next" or you can click Skip the setup wizard by click the "Skip First Run Wizard"

Network Setup

This step is very important if you wish to be able to connect online to download Add-ons and updates. If you are using a Wireless connection, press OK on the "WiFi Manager" and you will be prompted with a screen to select your Wireless connection. (NOTE: You can also press the Green button to start the Wireless Network Manager)

Check for an Over the Air Update

If you have an active internet connection, press **OK** on **"Update Now"**. This will check to see if there is an Over the Air Update.

If there is an update please allow it to download and update your unit. Never unplug, shutdown or touch the ARNU Box when it is updating the system.

Restore a Backup

You can restore a previous back up pressing OK on Restore Now. This step is not necessary if you do not want to restore or do not have have a previous backup

Screen Calibration

This section of the Setup Wizard will allow you to calibrate your television screen to make sure that your screen is not out of region. Click on the "Screen Calibration" button to start the process.

Scanning for Local Media (Videos and Music)
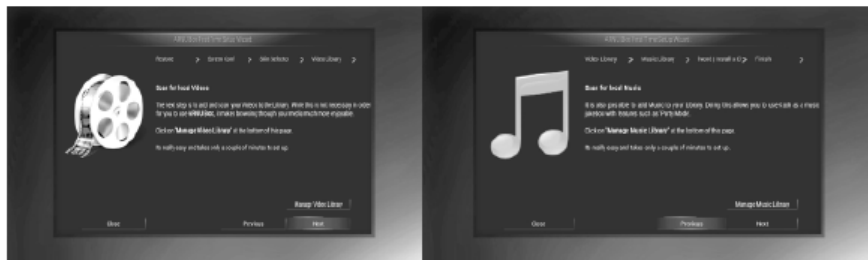
Do you have Videos and Music on a USB drive or even on your Local Network? You can now easily add them to your Kodi library by press OK on "Manage Video Library" or "Manage Music Library".

When looking for your folders in the file browser that you would like to add to your Library, make sure to press **LEFT** on your remote and then select **OK**. This will add the folder to your Library instead of browsing the currently selected folder.

Note: This step is not necessary in order to use your ARNU Box Pure Linux.

Install a Cloudword

Do you have a Cloudword that you would like to install? Press OK on Install a Cloudword and you will be on your way to install some great add-ons!

Please check the Cloudword section of this manual to see some great Cloudwords you can use in Kodi.

Finish the Setup Wizard

Press OK on the Finish button to end the First Time Setup Wizard. You can also go back if you wish to change any settings.

If you would like the run the First Time Setup Wizard again at any point, you can do the following:

1. On the ARNU Box Home Screen goto Add-ons
2. Press OK on Programs
3. Press OK on ARNU Box System Settings
   Under the System Settings tab, go down to "Run System Firstrun Wizard" and press OK

3.3 Setting up your Wireless Connection

1. Press the Green button on your ARNU Box branded remote (this will open the Wireless Manager)
2. Using the directional buttons, find your Wireless network name and press OK
3. Using the directional buttons and the on-screen keyboard enter your network password (The ARNU Box will now connect to the selected network)
4. Using the directional buttons select "Close" or press the Home button on your remote.

Setup your Wireless Connection with a remote other than the branded ARNU remote

1. Using the directional buttons scroll right until you reach the heading labeled "SYSTEM"
2. Using the directional buttons select Network Manager and press OK/Enter
3. See above instructions for the rest of the process

3.4 Updating ARNU Box Pure Linux
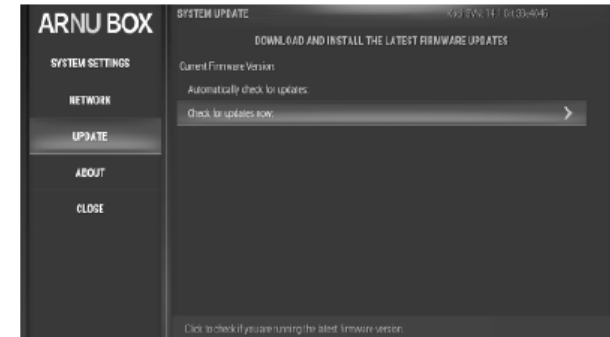
The ARNU Box Pure Linux has a simple over the air update tool that makes loading the latest firmware to the system a snap. Follow these steps:

1. Start at the home screen and scroll to the Heading labeled ADD-ONS
2. Using the directional buttons select Programs and press OK
3. Select ARNU Box Update Service and press OK
4. Press right on the directional remote to move to the second column
5. Select Check for updates now (if there is an update available it will download

3.5 Factory Reset ARNU Box Pure Linux

If there is a need to reset the ARNU Box Pure Linux back to factory settings follow these step:

1. Start at the home screen and scroll to the Heading labeled ADD-ONS
2. Using the directional buttons select Programs and press OK
3. Select Armada System Settings and press OK
4. Press right on the directional remote to move to the second column
5. Using the directional buttons select Factory Reset
6. Do not unplug or touch the ARNU Box Pure Linux unit or remote while the system restores

SECTION 4 Cloudword

4.1 How to Use Cloudword on Kodi

Cloudword on KODI is a one-of-a-kind configuration tool for the ARNU Box family of products. It allows users to add their favorite add-ons in seconds by merely typing one word or "Cloudword". This system eliminates the need for users to install individual repositories. By using some of the Cloudwords suggested in the manual, users can set up their box and be ready to enjoy streaming media in seconds.

1. On the included ARNU Box branded remote find the blue button at the top right corner of the device. It will be on the second row of buttons from the top under the mute button.
2. Press the Blue button
3. This will open the Cloudword Installer Screen
4. Choose a Cloudword from the included Cloudword list provided in this manual or use a custom Cloudword
5. Press the right directional button to highlight the field titled "Enter Cloudword"
6. Next enter a Cloudword using the onscreen keyboard.
7. Press OK

The system will now configure your ARNU Box with your chosen Cloudword.

NOTE: If you downloaded a Cloudword that changes the default Skin, unplug the power from the back of your box and replug it back in to apply the skin change.

SECTION 4 Cloudword

4.2 Cloudword Keywords

onion	**THE ONION** Satirical segments from theonion.com
food	**THE FOOD NETWORK** Clips from Food Network programming
tedtalks	**TED TALKS** Lectures collected from numerous TED conventions
tmz	**TMZ** Entertainment news and rumors - if it bleeds it leads
mojo	**WATCH MOJO** Channel with quick hitting segments based on lists
dailymotion	**DAILY MOTION** YouTube like video service find movies, clips, music
hgtv	**HGTV** Watch full episodes from HGTV (Home & Garden Television)
foxnews	**FOX NEWS** Clips from Fox News and Fox Business News
time	**TIME.COM** Clips and info from time.com
espn	**ESPN Video** Clips and info from ESPN
cnet	**CNET Podcasts** Latest news and info from the Tech World

Bundle Cloudword Add-ons

world	Regional World Package
usa	Regional United States Package
ca	Regional Canadian Package
uk	Regional United Kingdom Package
uae	Regional United Arab Emirates Package
nl	Regional Netherland Package

SECTION 5 Frequently Asked Questions

5.1 Android FAQ

I just started my box for the first time, it's asking me which launcher to use

We suggest using our Code Red Launcher. It was specifically designed for the ARNU Box Android.

How do I factory rest my ARNU Box Android

1. Open up Cloudword Sync
2. Under the Firmware section, you will see an item called Factory Reset. Click OK on it
3. It will automatically reboot your system and return your ARNU Box Android device to it's default state

I just received my unit and I don't see some applications that should be there

On first time boot, the ARNU Box Android box will install applications in the background (Ex. KODI).

Please give it a couple of minutes on first boot and you will start to see the applications appearing in the Application drawer.

Cloudword Sync is saying I am not authroized

If you are using Ethernet, try switching to WiFi.

If the issue persists, please contact us at sales@arnubox.com

Why is my Internet connection running so slow?

Try moving your ARNU Box Android device to another location

There is usually interference that will cause signal loss which can be due to multiple things:

1. Poor router wireless signal
2. Objects sitting on top of the ARNU Box Device or in a location that is blocking the antenna signal
3. Too far away from router
4. Using WiFi connection from a far distance

SECTION 5 Frequently Asked Questions

5.2 Pure Linux FAQ

How do I Factory Reset from KODI

1. Go to the Add-ons menu item
2. Select Programs and press OK on your remote
3. Find ARNU Box System Settings and press OK on your remote
4. Press right on your control, go down to Factory Reset and press OK on your remote
5. You will be prompted with a question saying "Are you sure you want to perform Factory Reset" Goto Yes and press OK on your remote
6. The box will automatically reboot. DO NOT TURN OFF YOUR BOX AT ANY POINT, it is doing a factory reset. You will be prompted with the ARNU Box Pure Linux screen. Please wait for a bit as the system is rebuilding the box.

Why can't I connect to my WiFi?

- Make sure your routers wireless security is set to **WPA** or **WPA2.** If you are using **WEP** encryption you will not be able to connect to your wireless connection.
- Try moving your box closer to your router, you might have interference.
- Try changing the length of your SSID password to less than 8 characters.

How do I connect my box with WinSCP?

1. Download WinSCP for Windows
2. Run WinSCP and setup a new session
3. Make sure to change the File Protocol to SCP
4. Enter the IP address of the box and use the following credentials
   Username: root
   Password: letmein
5. Click login

SECTION 6 Specifications

6.1 Key Features

- Supports three main HD formats: VC-1, H.264, H.265,MPEG-1, MPEG-2, MPEG-4, DIVX, and so on
- Video Formats include AVI, MPG, VOB, MKV, M2TS, TS and so on
- Photo Formats include JPEG, BMP, and PNG up to 80m pixels
- Audo Formats include MP3, WAV, AC3, ACC and so on
- Supports SD/SDHC/MMC cards
- Supports two USB 2.0 host connectors with the maximum output current of 1.5A/5V.
- Supports standard RJ45 cable network connection and wireless network connection.

6.2 Environment for System

Operation: Temperature limitation: 0--40°C; Humidity limitation 20--80%
Storage: Temperature limitation: -20--50°C; Humidity limitation 10--90%

6.3 Package Contents

Accessories	Quantity
Power adaptor	1
Remote control	1
HDMI cable	1
User manual	1

SECTION 7 Website Links

7.1 Support and Helpful Links

Support

E-mail: sales@arnubox.com
http://www.arnubox.com
http://www.arnubox.com/forum/

Helpful Links

http://www.youtube.com/thestreamingadvisor
http://www.youtube.com/theaterinabox

FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference,and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

-English: "
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device."

- French:"
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil nedoit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."