

electriQ

IQ-4KBOX



Thank you for choosing ElectriQ

Please read this user manual before using this innovative mini pc

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Intelligent Electricals**

YOUR NEW MINI PC

Thank you for choosing the electriQ Android Mini PC

Thank you for purchasing this product. This product complies with the statutory national and European requirements. To maintain this status and to ensure safe operation, you must observe these operating instructions! These operating instructions are part of this product. They contain important notes on commissioning and handling. Also consider this if you pass on the product to any third party. Therefore, retain these operating instructions for reference!

Safety instructions

Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling in this manual, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.

- The device is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. These may become dangerous playing material for children.
- Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gases, vapours and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product: is visibly damaged, is no longer working properly, has been stored for extended periods in poor ambient conditions or - has been subjected to any serious transport-related stresses.
- Please handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.
- Also observe the safety and operating instructions of any other devices which are connected to the product.
- The mains outlet must be located near to the device and be easily accessible.
- As power supply, only use the supplied mains adaptor.
- Only connect the power adaptor to a normal mains socket connected to the public supply. Before plugging in the power adaptor, check whether the voltage stated on the power adaptor complies with the voltage of your electricity supplier.
- To avoid battery leakage, remove exhausted batteries from the remote control when not in use for a long period. The batteries shall not be exposed to excessive heat such as direct sunlight or fire.
- Do not block ventilation slots. The device can be placed in a cabinet but ensure at least 5cm (2") clearance all around.
- Do not tap or shake the unit, this may damage internal components.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on the apparatus.

Getting Started

Connect the IQ-4Kbox to your TV or monitor using an HDMI cable.

Based on a fast quad-core processor and powerful 3D graphics IQ Smart offers unlimited open smart TV transforming your viewing experience.

This Android based system opens a new world of content streaming including on demand and live TV, internet browsing, premium content, games, music, internet radio and much more. Benefitting of unlimited expandable storage via Micro SD, USB memory stick, externally powered SSD or HDD and the option to add a USB or WIFI keyboards your TV can be also be used as a computer running full Microsoft Office package for Android including Outlook or other email clients. It is a great device that will find its place in living room, kids or guest bedroom or even in the executive boardroom. Supports playback of movies in 4K ultra HD quality, 3D films and Blu-ray and online streaming. External files can be easily transferred to the internal storage via USB or micro sd or downloaded and played directly.

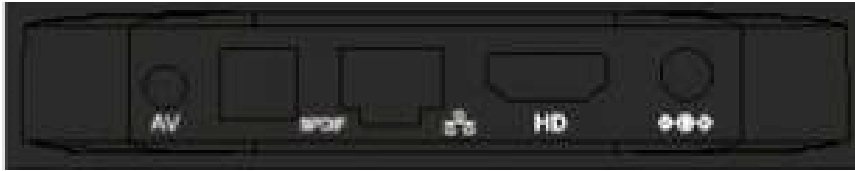
After logging in, you can use your Google account for file management (e.g. Google Drive) and playback (e.g. Youtube). New apps can be easily installed via your fav.

For safety and approval purposes, you must not rebuild and/or modify this product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can cause hazards such as short circuiting, fire, electric shock etc. Read the instructions carefully and keep them. Make this product available to third parties only together with its operating instructions. This product complies with the statutory national and European requirements.

Content

- TV box
- Infrared Remote Control
- BS power adapter
- HDMI cable
- User manual





Ports

- AV: connecting a video or audio playback device via optional jack to RCA cable
- SPDIF optical audio: connecting a playback source via a TOSLINK cable
- Ethernet – connect via Ethernet cable to a router
- HDMI - Connection to a TV or monitor
- Power Supply: 5V, 2 Amps
- 2 x USB ports: connecting USB devices (e.g. mouse, keyboard, USB sticks)
- Card slot for a microSD card

If you have a USB keyboard and / or mouse or air mouse, connect them to the USB port.

Your IQ-4KBOX is ready to use. Make sure your remote has 2 x AAA batteries in it and hit the power button on the remote to turn on your unit.



REMOTE

Your remote easy has a lot of buttons but there are only a few you really need to get



around.

POWER BUTTON

The Power Button turns your device on and off. You can set up the power button as suspend / resume instead of power off. Suspend will simply the box to sleep. When you turn it on next it will come on quickly and be at the screen you last left it at. Shutdown turns the unit completely off and will take a couple minutes to power back on after this.



HOME BUTTON

The Home Button will always take you back to the Home screen that you see when you power on the unit.

OK BUTTON

The OK button is used to simply confirm your selection. In Kodi it is also used to bring up the playback menu for videos and music so you can pause, rewind, etc.

MENU BUTTON

The Menu Button is used as sort of a “right click” like on a computer. It will mostly be used in Kodi to bring up a menu.

RETURN BUTTON

The Return Button functions as a “Back” button and can be used to go to a previous page.

DIRECTIONAL PAD

The directional pad is used both to navigate menus and also to skip forward or back in videos and music.

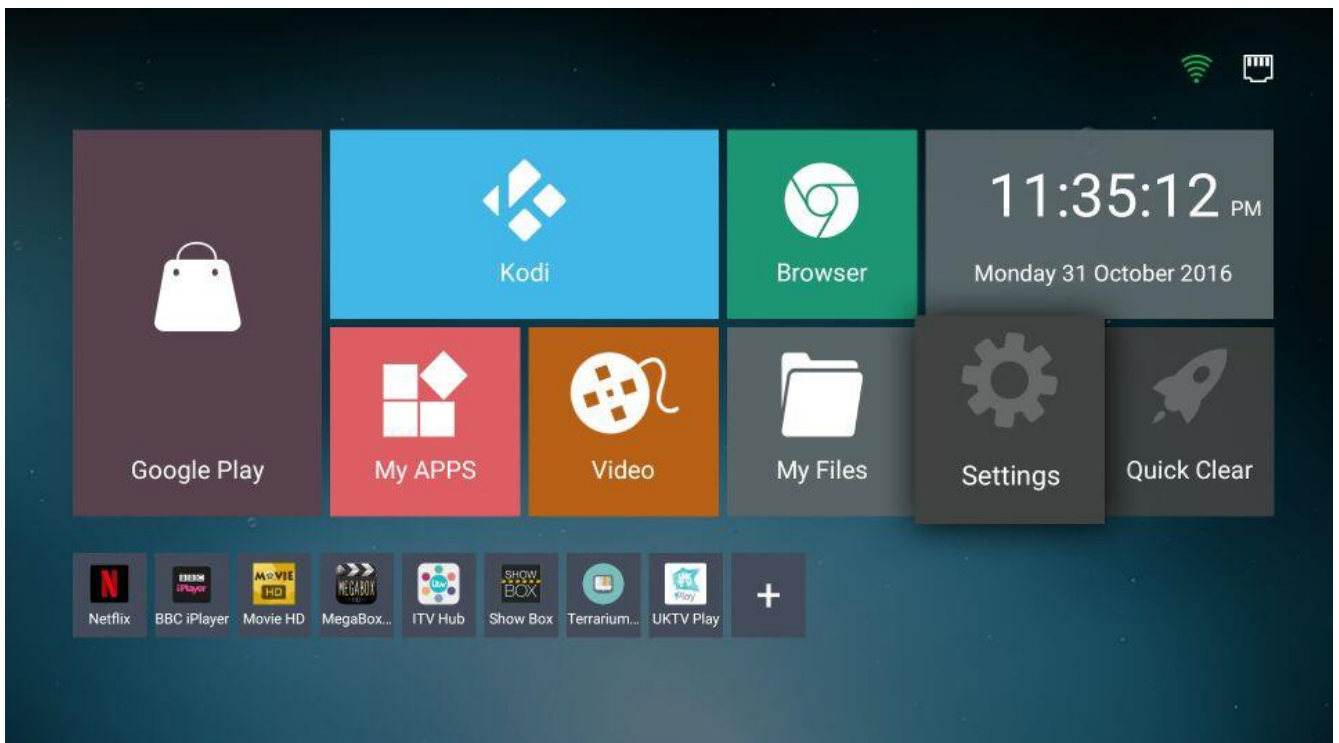
MOUSE BUTTON

The Mouse button changes the functionality of the Directional Pad so that the arrows emulate mouse cursor on the screen. For best results use an air mouse or our ElectriQ smart remote (optional). You can also control the box using **Cetus Play** app from android market. Download and install **CetusPlay for TV** on your Android 4K box and **Cetus Play** remote app on your android mobile phone or tablet.

You will be able to use your mobile device as an advance remote control, cast from it, transfer files or easy install or launch apps.

Using IQ-4KBOX Android

When your Android Box Powers on, you will be presented with the Home Screen.



From the Home Screen you have, you can launch various applications, browse the web, or change settings from it. You can also set your favourite App store. **Quick clear** function will release memory if the box is running slow.

Using Apps

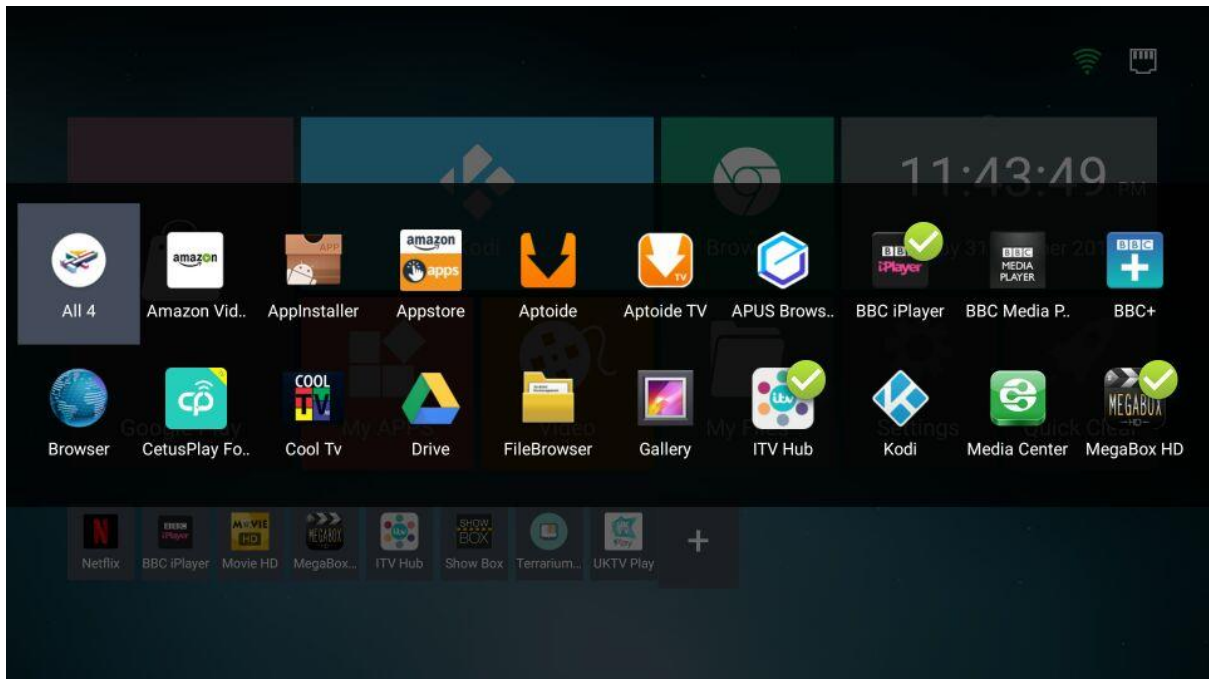
To start using apps, simply highlight it in the Home Screen and hit OK to open it.

Use your favourite app store to download further apps.

You can view all the apps by opening “My Apps” from the Home Screen.

Some apps require a login such as Skype, Facebook and Netflix.

Apps shortcuts

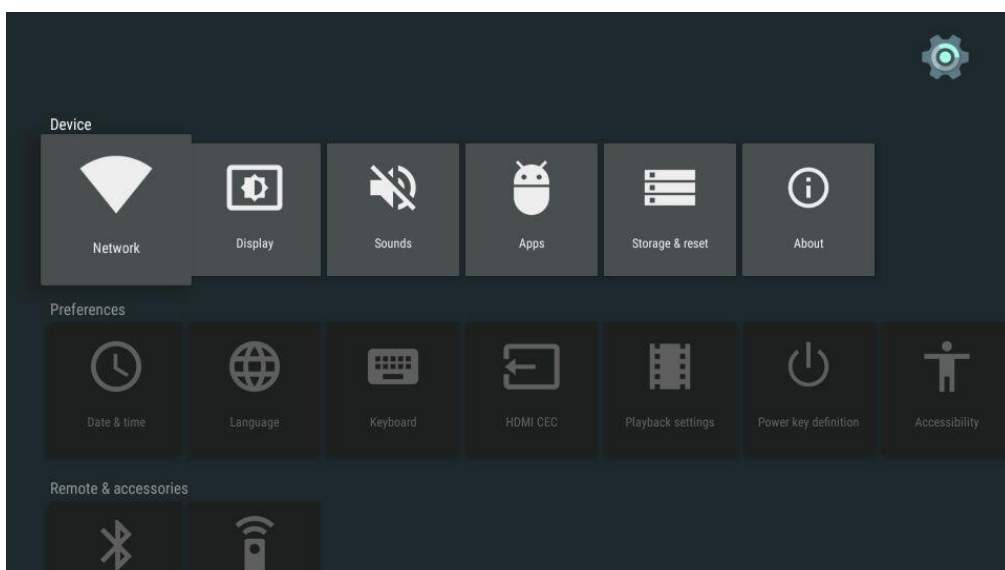


The main apps shortcuts are at the bottom of your screen. Just press the + button to add or remove apps.

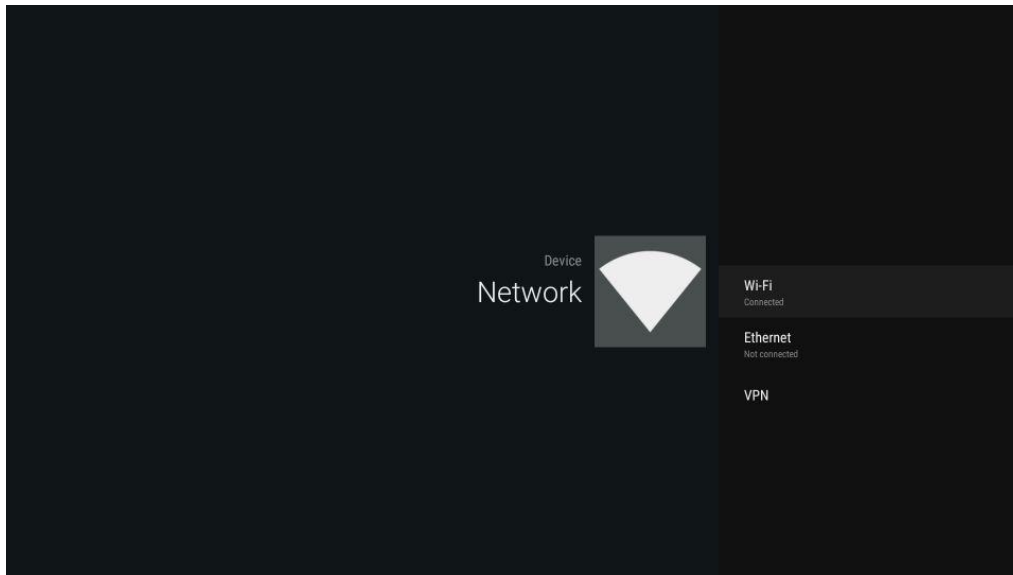
Setting up Wireless

If you're using Wireless internet, the first thing you'll need to do is set that up.

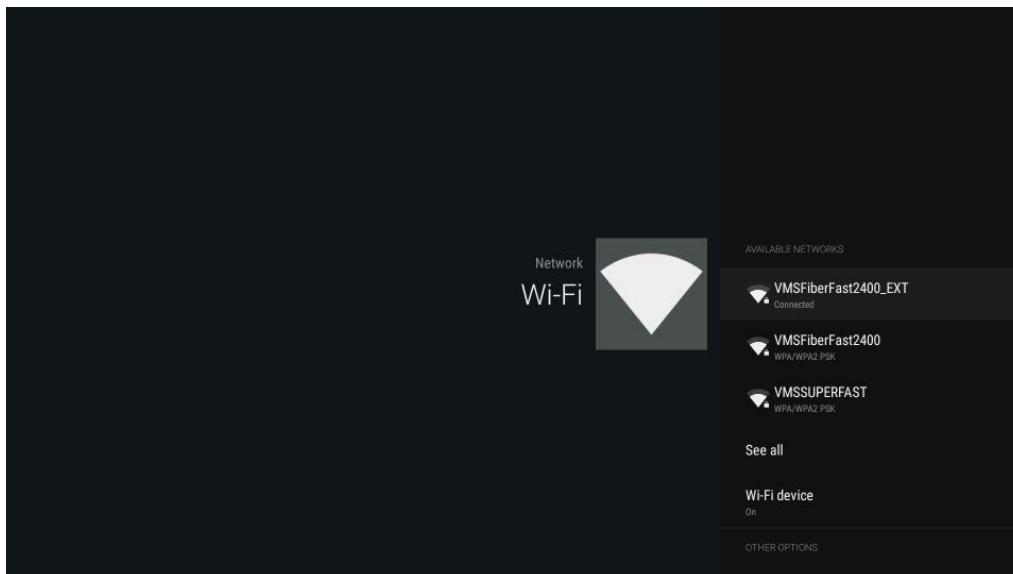
Using your remote or air mouse, navigate to the “**Settings**” icon in the bottom right corner.



The first tile is “Network”. You can select connection via Ethernet cable or WIFI. If selecting WIFI you should see a list of available networks. Using the remote or keyboard, arrow down to your Wireless network and hit OK.



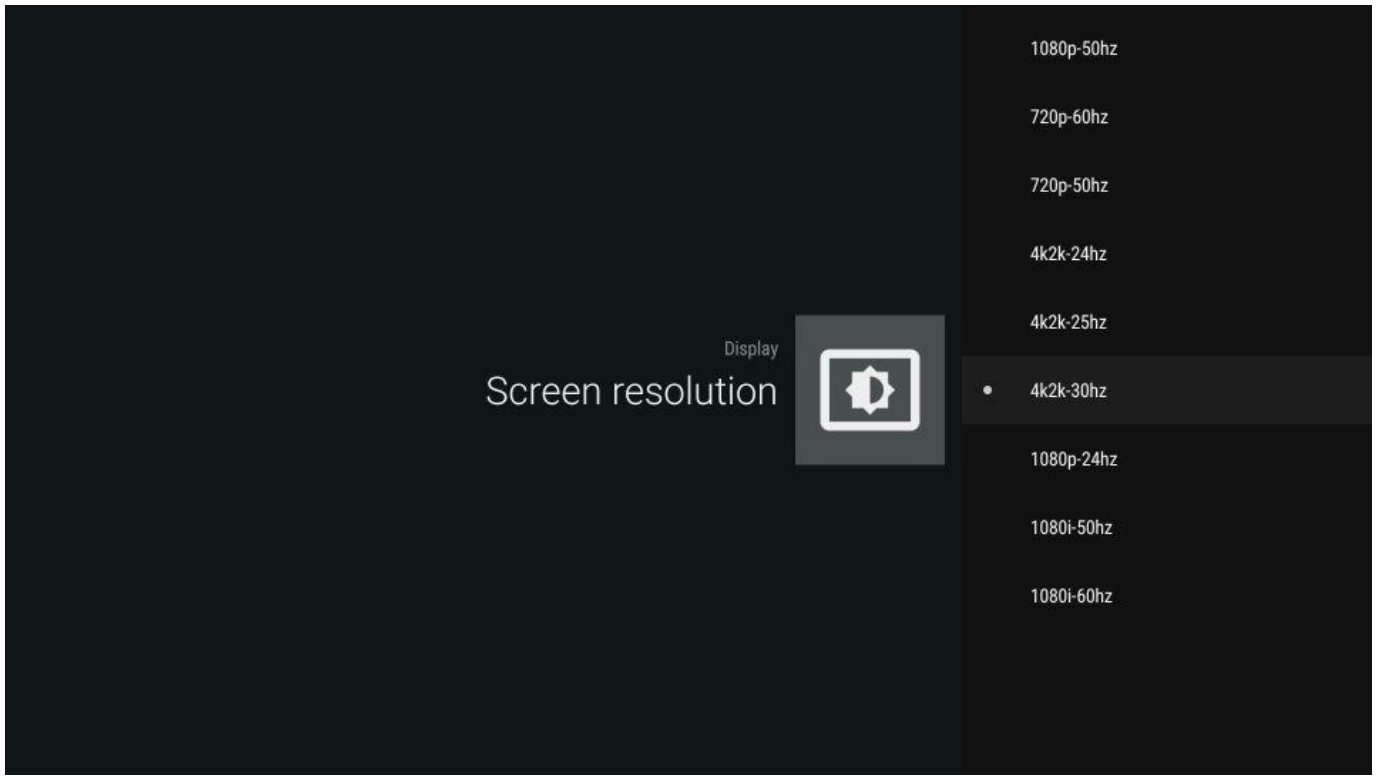
If your Wireless network requires a password, you'll need to enter it here. Navigate to the Input Password box. If you're using your remote, hit the OK button and an onscreen keyboard will pop up where you can type your password. If using a keyboard, simply type your password.



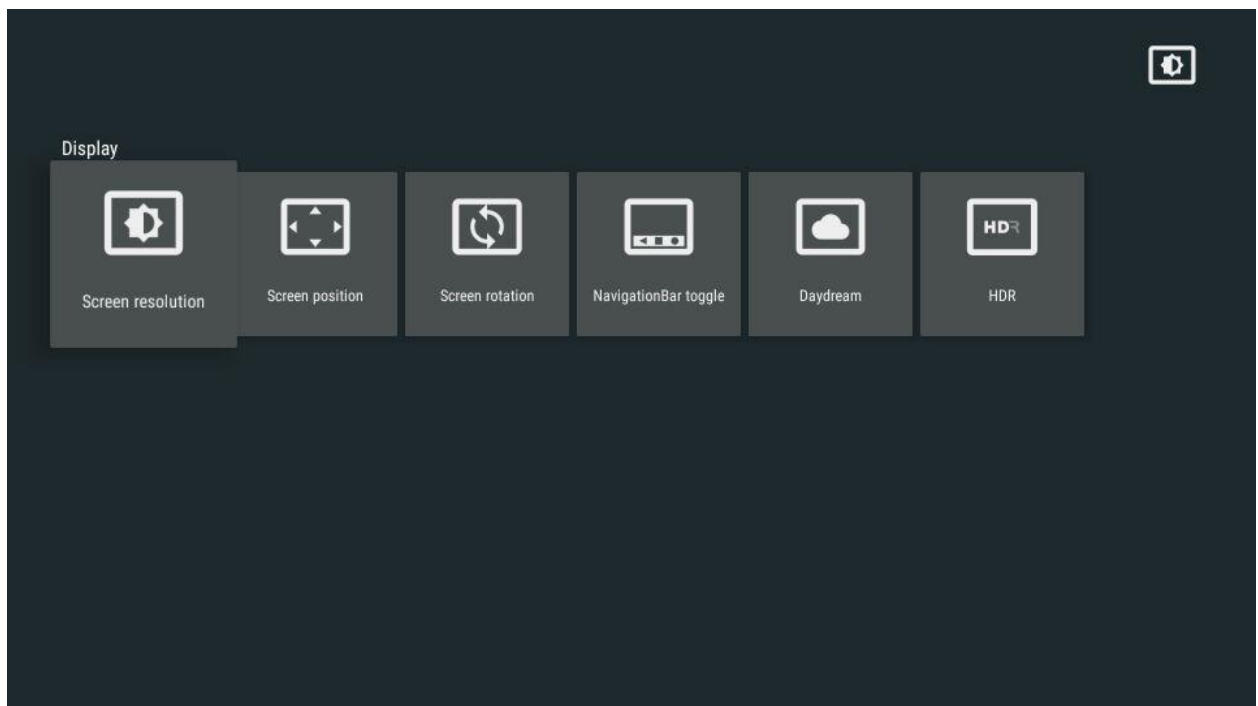
Once the password is input, navigate to the connect now button and hit it. You should get a verification that it has connected. Use back button or home to exit.

Changing Display Settings

It is possible your TV may be “overscanning” the picture and elements on the top and edges may be cut off. To sort this select appropriate resolution for your TV or screen size. If your tv is HD Ready or only Full HD do not select 4K resolution.

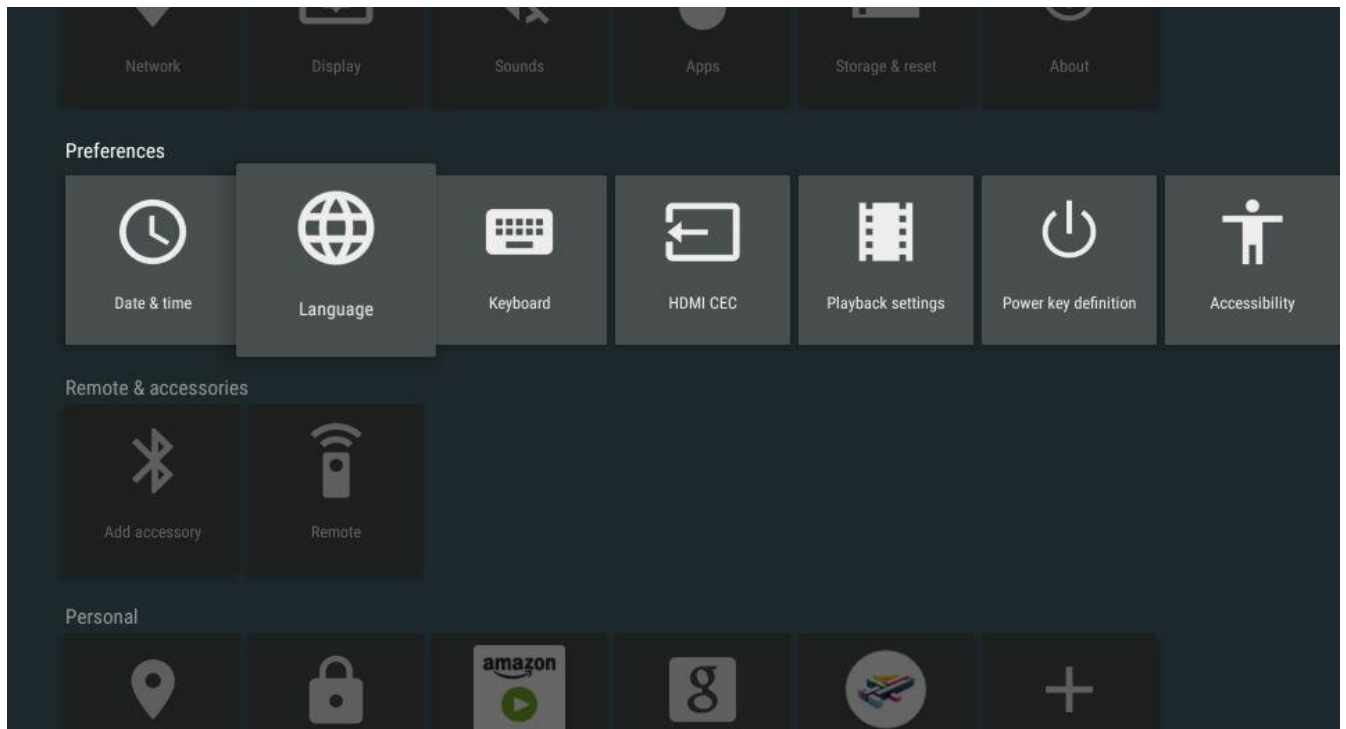


You can then navigate down to Screen Position and hit OK to adjust screen size. Also in the same menu layout you can enable / disable HDR if your screen / content provider supports this.



Setting the Time Zone

You'll also want to ensure the proper time zone is selected. All boxes come set to UK time, if you need to adjust that, go to the **Settings** icon and scroll down to the Date & Time option and hit OK



From here select date, time and time zone.

Troubleshooting

Problem	Solution
No power	Insert the power plug securely into the power outlet.
No picture	Ensure that the equipment is connected properly.
Distorted or no sound	<ul style="list-style-type: none"> • Ensure the equipment is connected properly • Ensure that the input setting for the TV or sound bar are correct. • Adjust the master volume to a suitable volume by pressing V+/V- button on remote control • Check audio settings are correct • Check set isn't muted. • Unplug headphones • Check the digital connections • Check if your amplifier is set correctly • The audio codec may not be supported by the box.
Remote control not working	<ul style="list-style-type: none"> • Check the batteries are installed with the correct polarities. • Replace the batteries with new, fully charged ones. • Point directly at the remote sensor on the box and try again. • Operate at a distance of no more than 8 metres • Remove any obstacles between the remote control and the sensor.
Buttons on the TV remote don't do anything with CEC enabled	Disconnect the power plug and then reconnect it. (The unit may not be operating properly due to lightning, static, or other factors.) <ul style="list-style-type: none"> • Enable or disable CEC functions

	<ul style="list-style-type: none"> Certain TVs are not compatible with CEC function
Poor picture or no picture	Check the screen resolution is matching your monitor / TV capabilities
Noise or other interference	Electronic equipment near the unit may be causing interference. Relocate the unit or move the equipment.
Unit is slow	<ul style="list-style-type: none"> User Quick Clear function Restart the unit if still slow
Box not working or crashing	Perform factory reset
WIFI signal weak or unreliable	<ul style="list-style-type: none"> Reposition the box closer to the router Connect via Ethernet cable

Technical Specification

Model	IQ-4KBOX
Chipset	Amlogic S905X Quad core Cortex A53 2.0GHz 64bit
GPU	Penta-core Mali-450MP GPU @ 750MHz+
Features	HDR, CEC enabled
ROM	8 GB EMMC DDRAM 2
RAM	1GB DDR3
Main Features	HDR, Android 6, VP9, H265, CEC
OS	Android 6.0
3D	Hardware 3D graphics acceleration
Support Decoder format	HD MPEG1/2/4,H.264,H.265,VP9, HD AVC/VC-1,RM/RMVB,Xvid/DivX3/4/5/6 ,RealVideo8/9/10
Support Media format	Avi/Rm/Rmvp/Ts/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg/Mov/mp4
Support Music format	MP3/WMA/AAC/OGG/RM/FLAC
Support Photo format	HD JPEG/BMP/GIF/PNG/TIFF
USB host	2 High speed USB 2.0, support USB DISK and USB HDD
Card reader	Micro SD
HDD file system	FAT16/FAT32/NTFS
Support Subtitle	SRT/SMI/SUB/SSA/IDX+USB
LAN	Ethernet:10/100M, standard RJ-45
Wireless	IEEE 802.11 a/b/g/n, 2.4G
Mouse/ Keyboard	Support mouse and keyboard via USB;Support 2.4GHz wireless mouse and keyboard via 2.4GHz USB dongle
HDMI	HDMI2.0a 4k*2k@60fps
AV&YUV	Support
Other Interfaces	2*USB, 1*HDMI, 1*RJ45, 1*Micro SD card slot, 1*AV, 1*DC in
Power Supply	DC 5V 2A
Power Indicator (LED)	Power ON :blue

PRODUCT DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste must be handled separately as special treatment is necessary.

Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.



electriQ UK SUPPORT

Complete online support form on www.electriQ.co.uk/support

Service Line: 0871 620 1057 Office hours: 9AM - 5PM Monday to Friday

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