

Bedienungsanleitung

Android UHD 4K TV Box

Receiver / IPTV/ OTT Mediaplayer



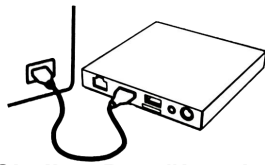
OCTAGON SPIRIT NANO 4K



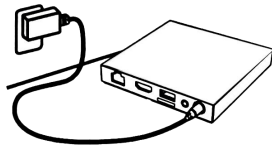
www.octagon-germany.eu

Installationsanleitung

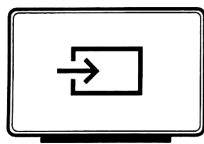
1, Verbinden Sie Ihre Box mit einem HDMI-Kabel mit Ihrem Fernseher.



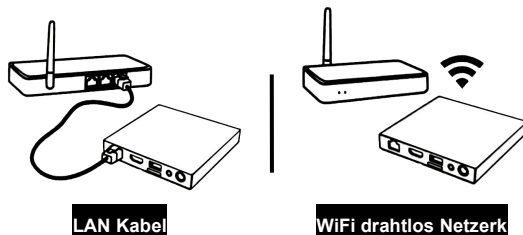
2, Schließen Sie Ihre Box über das Netzkabel an die Stromversorgung an.



3, Schalten Sie Ihren Fernseher ein und wechseln Sie zum richtigen HDMI-Eingang.



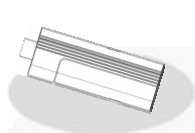
4, Richten Sie Ihre Box ein und verbinden Sie sie mit Ihrem lokalen Netzwerk.



5, Bitte richten Sie Ihre Box ein, um das wunderbare Erlebnis zu genießen.



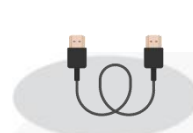
Was ist in der Box? (Lieferumfang)



Octagon Receiver



Fernbedienung



HDMI Kabel



Netzteil



Bedienungsanleitung



2X Batterien

SICHERHEITSHINWEISE!

Dieses Gerät wurde unter Einhaltung internationaler Sicherheitsstandards gefertigt. Lesen Sie die folgenden Sicherheitshinweise sorgfältig durch..

Vielen Dank, dass Sie sich für diesen Receiver entschieden haben! Zu Ihrer Sicherheit und damit Ihr Receiver zuverlässig funktioniert, nehmen Sie sich bitte die Zeit, diese Anleitung aufmerksam zu lesen, bevor Sie das Gerät anschließen und einschalten. Diese Anleitung soll Ihnen helfen, die zahlreichen Funktionen optimal zu nutzen.

Nehmen Sie den Gehäusedeckel nicht ab. Andernfalls besteht die Gefahr eines elektrischen Schlags. Reparaturen an Stecker, Kabel oder Receiver dürfen nur von qualifiziertem Fachpersonal durchgeführt werden..

Schutzmaß nehmen (Wichtige Sicherheitshinweise):

- Das Gerät ist nur für Netzanschluss 100- 250 V AC / 50 Hz vorgesehen.
- Ziehen Sie den Netzstecker aus der Steckdose, bevor Sie Wartungs- oder Installationsarbeiten beginnen.

- Anschluss an das TV-Gerät

- Ziehen Sie den Netzstecker aus der Steckdose.

- Feuchtigkeit

- Der Empfänger darf keinerlei Flüssigkeiten ausgesetzt sein!

- Reinigung

- Ziehen Sie den Netzstecker aus der Steckdose.
- Verwenden ein leicht angefeuchtetes Tuch, um eventuell anhaftenden Staub zu binden.

- Belüftung

- Die Kühlschlitze im Gehäusedeckel dürfen keinesfalls abgedeckt werden, um eine sichere Ableitung der im Gerät entstehenden Wärme zu gewährleisten..

- Fremdobjekte

- Stecken Sie niemals irgendwelche fremden Metallgegenstände in die Einschübe oder Lüftungsschlitze des Gerätes.

- Gewitter

- Bei Gewitter oder Betriebsstörungen Stecker ziehen.

- Reparatur & Wartung

- Reparatur und Wartungsarbeiten dürfen nur von qualifizierten Fachkräften durchgeführt werden.
Da bei diesem Gerät die Trennung vom Stromnetz durch das Ziehen des Steckernetzteils erfolgt, ist es unbedingt notwendig, dass dieses jederzeit leicht zugänglich ist.

Bitte beachten Sie, dass vor jeglichen Wartungs- oder Installationsmaßnahmen die Stromversorgung unterbrochen werden muss.

Achten Sie darauf, dass das Stromkabel so platziert wird, dass es bei einem Notfall schnell von der Stromversorgung getrennt werden kann.

- FRONTBLLENDE (VORDERSEITE):



- **LED status Anzeige**

Zeigt Betrieb oder Standby am (blau/ rot)

- GERÄTE RÜCKSEITE & SEITLICH:



- **HD OUT &HDMI**

HD OUT - HDMI Ausgang zum TV-Gerät.

- **POWER&DC 5V**

Type-C power connector 5 Volts DC, 2 A

- **RST**

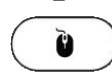
RESET Taste für Service.



- **USB**

Type-C USB

FERNBEDIENUNG

-  POWER STB: Receiver Ein- / Ausschalten
-  Aufnahme Taste
-  Favoriten öffnen oder hinzufügen
-  Mute: Ton Ein- / Ausschalten
-  Gehe zum vorherigen Menü (Exit)
-  Hauptmenü öffnen
-  EPG: Elektronischer Programmführer
-  INFO: Informationsfenster des laufenden Programms
-  Serien öffnen (aufrufen)
-  VOD öffnen (aufrufen)
-  Öffne LIVE TV  Zurück HOME MENU
-  Rot, Grün, Gelb und Blau (programmierbar)
-  Zahlentasten: Direkte Eingabe von Sendernummern und Zahlen
-  Lautstärke einstellen  Sender auf/ab schalten
-  Menübewegung und -steuerung  per Sprache suchen
-  Im Menü auswählen  Maus Funktion



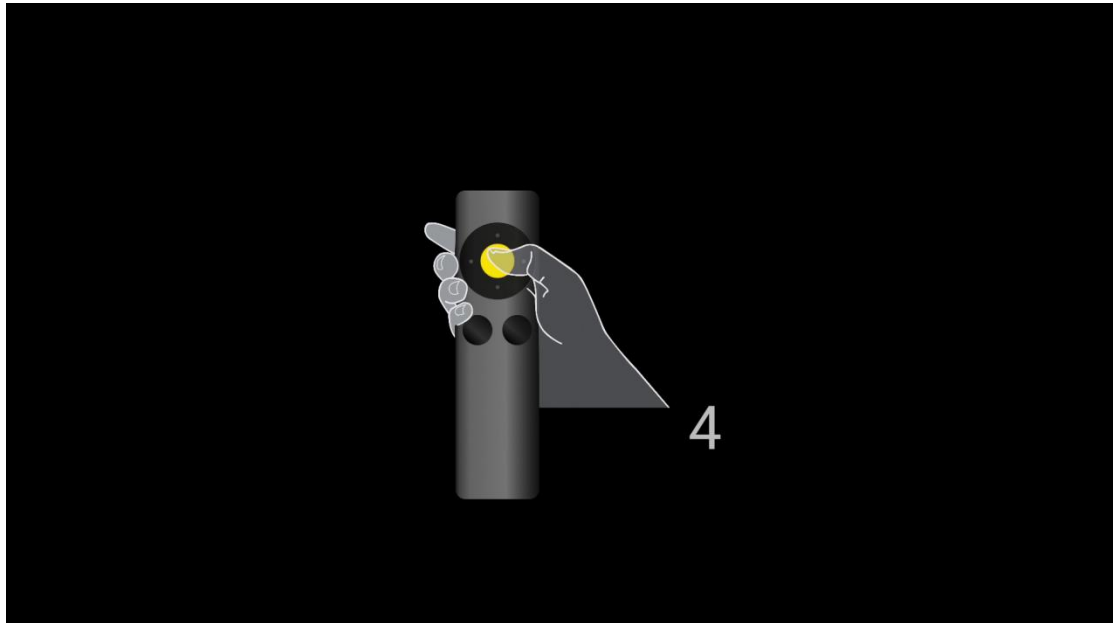
Spezifikationen

Chipsatz	Amlogic S905Y4
CPU-Kerne	Quad-core
CPU-Architektur	ARM Cortex A35
GPU	ARM G31 MP2
Arbeitsspeicher	2GB DDR3
Flashspeicher	32GB
Bluetooth	5.1
HDMI	HDMI2.0a TX, 4K 10bit UHD@60Hz up4096x2160px 1080p/i, 720p/i, 576p/i, 480p/i
Wi-Fi	DualBand 2.4/5GHz 802.11a/b/g/n/ac MIMO 2 built-in antennas
USB	Type-C USB, Type-C power connector
Anschlüsse	HDMI 2.0, Type-C USB, DC 5V
Software	Android 11.0
Audio-Unterstützung	Digital Sound 5.1, 7.1
Audio-Container	MP3, AAC, OGG, OGA, FLAC, ALAC, others via applications
Eingangsspannung	DC 5V/2A
Energieverbrauch	Max. 10W
Stromverbrauch im Standby	<0.5W
Lgertemperatur	-40~60C
Betriebstemperatur	-5~45C
Feuchtigkeit	<95%
Abmessungen	105*36*15MM
Netto-Gewicht	45g

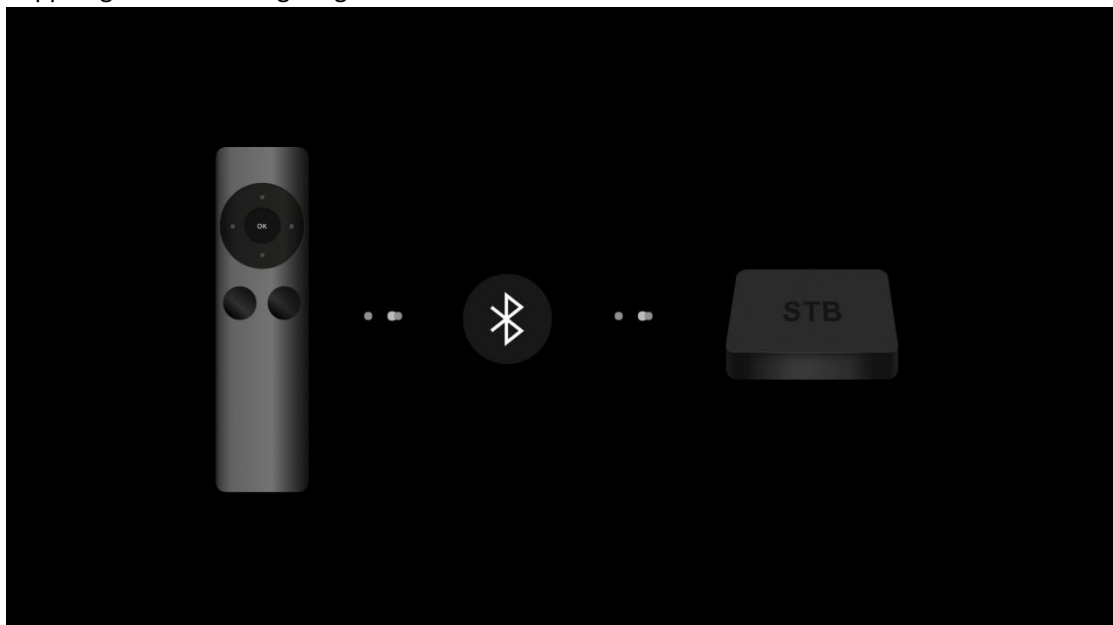
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Einrichtung

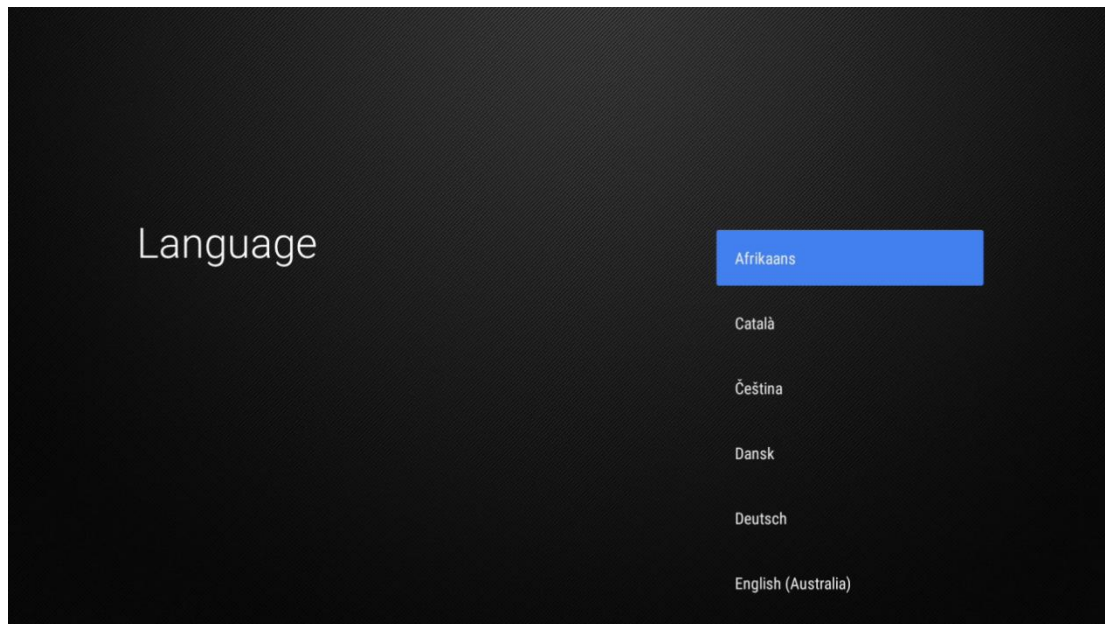
Dies ist der erste Bildschirm, den Sie sehen, wenn Sie den Empfänger einschalten. Sie müssen die „OK“-Taste der Fernbedienung 6 Sekunden lang drücken, um in den Kopplungsmodus zu gelangen (die LED auf der Fernbedienung blinkt).



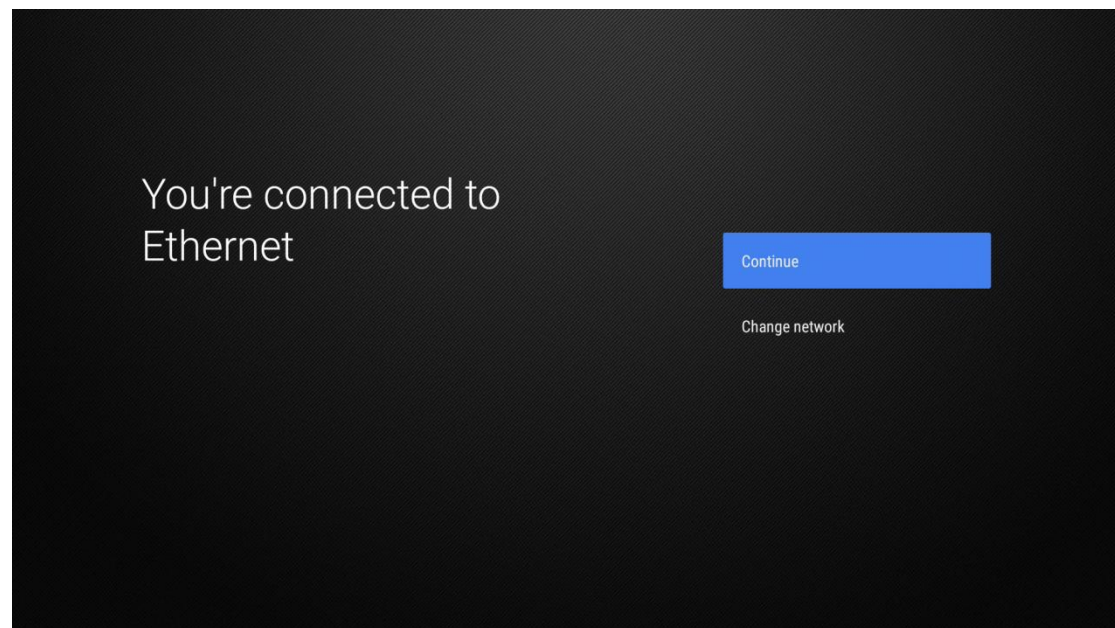
Wenn der Empfänger das Kopplungssignal der Fernbedienung empfangen hat, wird der Kopplungsbildschirm angezeigt.



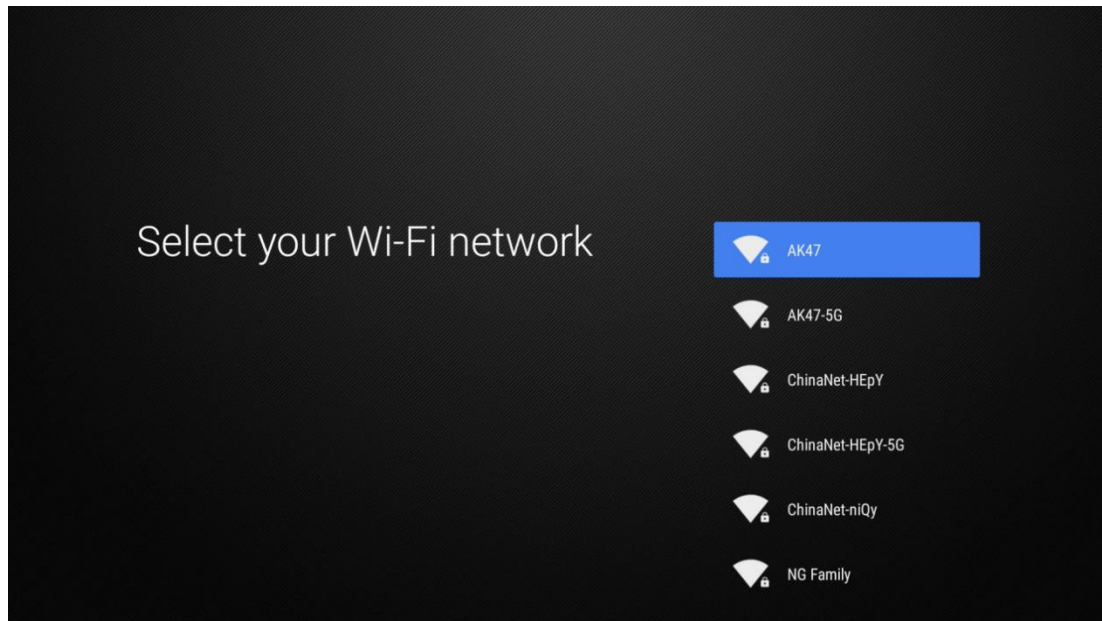
Nach erfolgreicher Kopplung wird das Sprachauswahlmenü angezeigt.



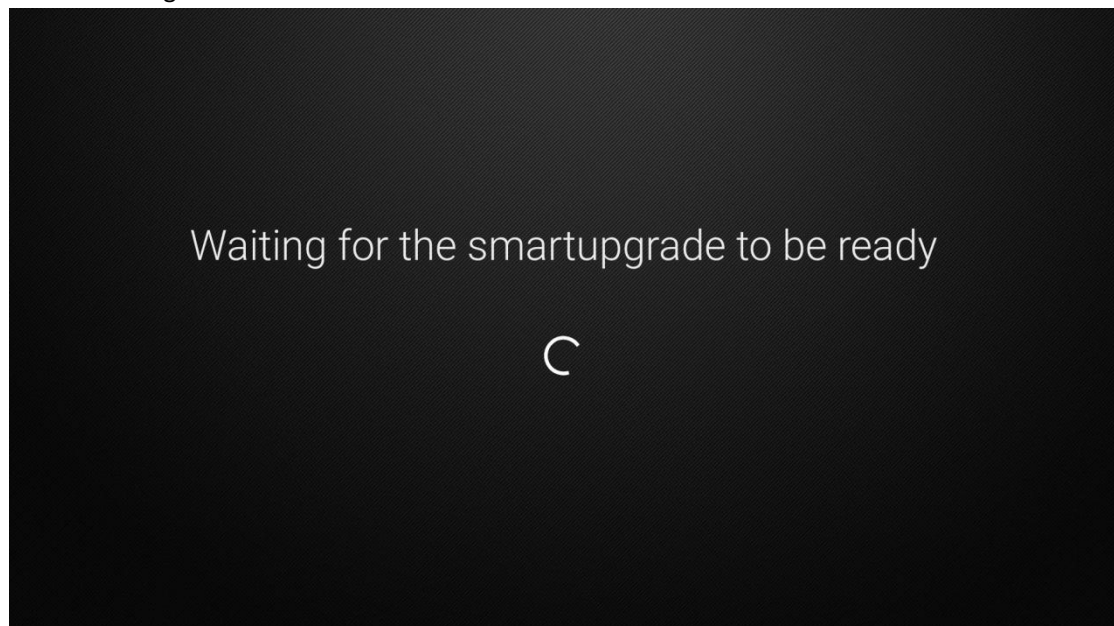
Einrichten der Internetverbindung über Ethernet.



Oder wählen Sie „Netzwerk ändern“ für Wi-Fi.



Nachdem die Internetverbindung hergestellt wurde, installiert der Receiver die grundlegenden Anwendungen und die Standardkonfiguration.

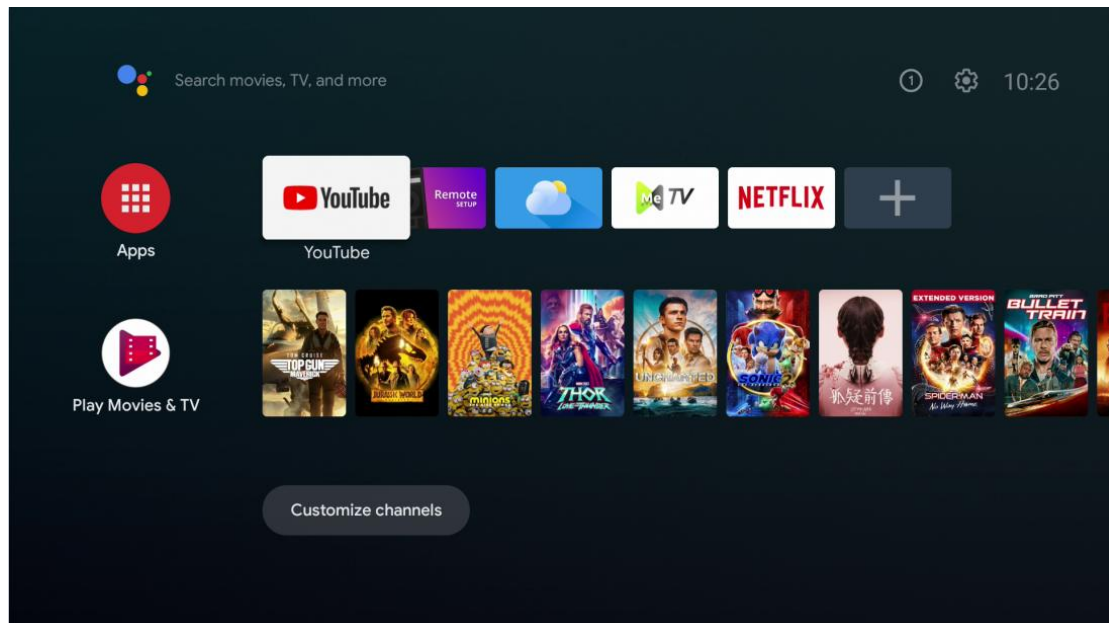




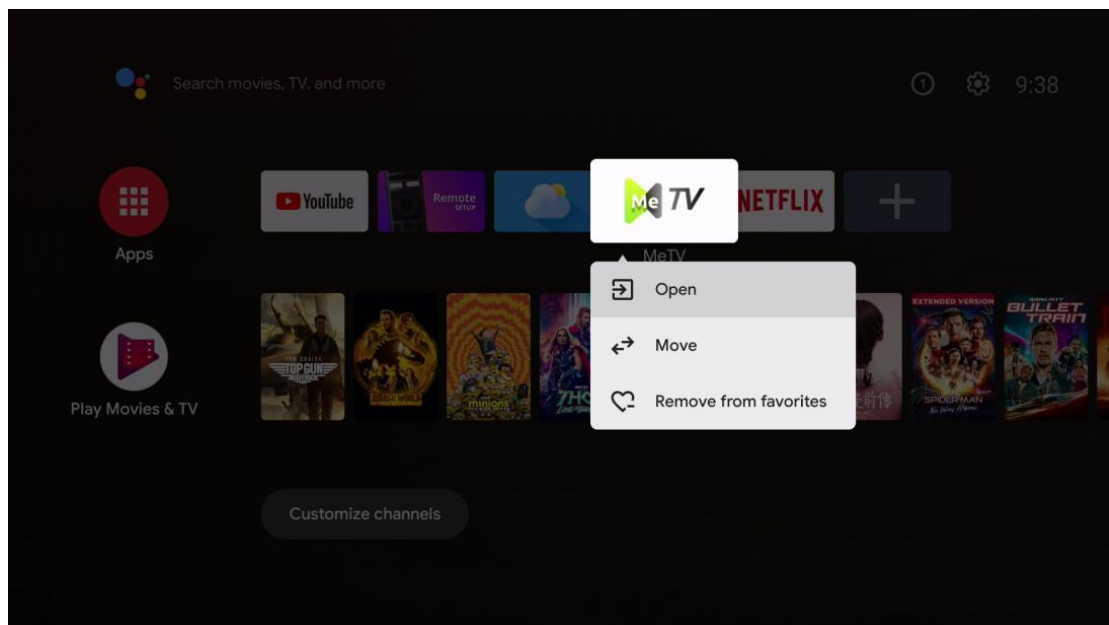
App Installation

	Netflix 2.0.5 downloading 10 %
	MeTV 1.1.2 downloading 45 %
	Me Weather 1.0.1 downloading 68 %

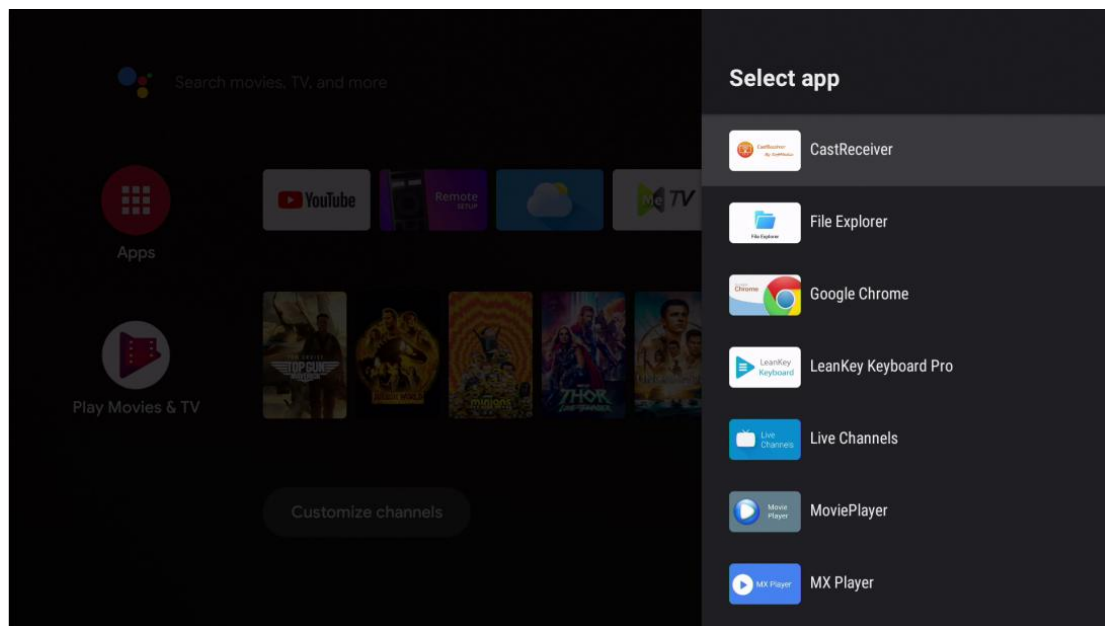
Hauptmenü (Launcher)



Durch langes Drücken der „OK“-Taste werden Ihnen weitere Funktionen angezeigt, z. B. Starten (öffnen) , Verschieben und Entferne aus den Favoriten.

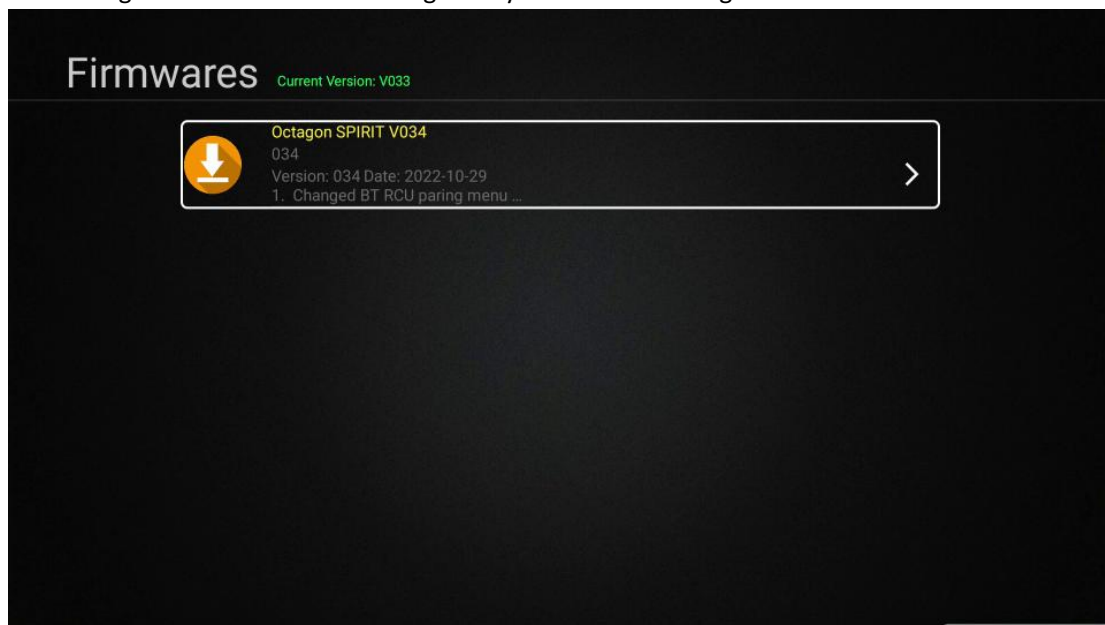


Drücken Sie das „+“-Symbol, Sie können dem Hauptmenü (Launcher) weitere Apps hinzufügen.

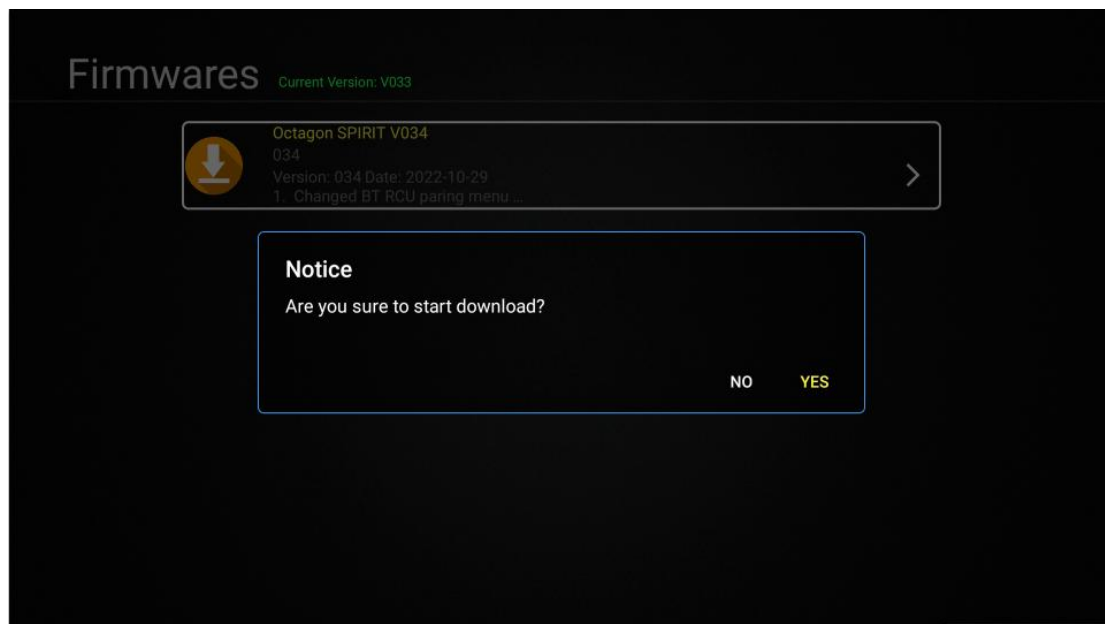


Firmware manuell aktualisieren

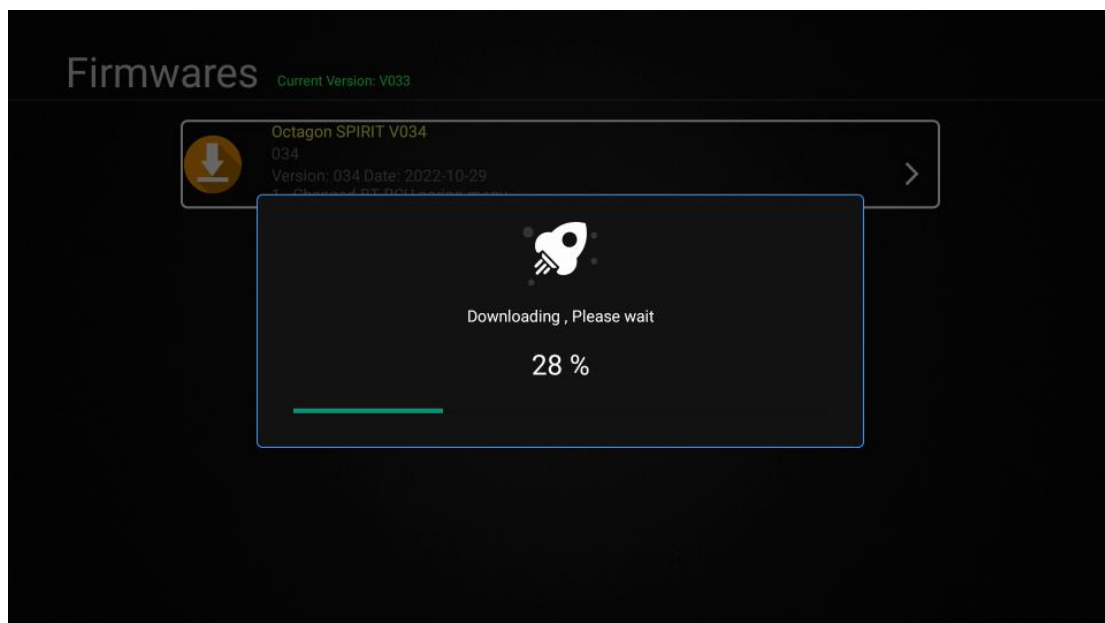
Einstellungen > Erweiterte Einstellungen > Systemaktualisierung ein.



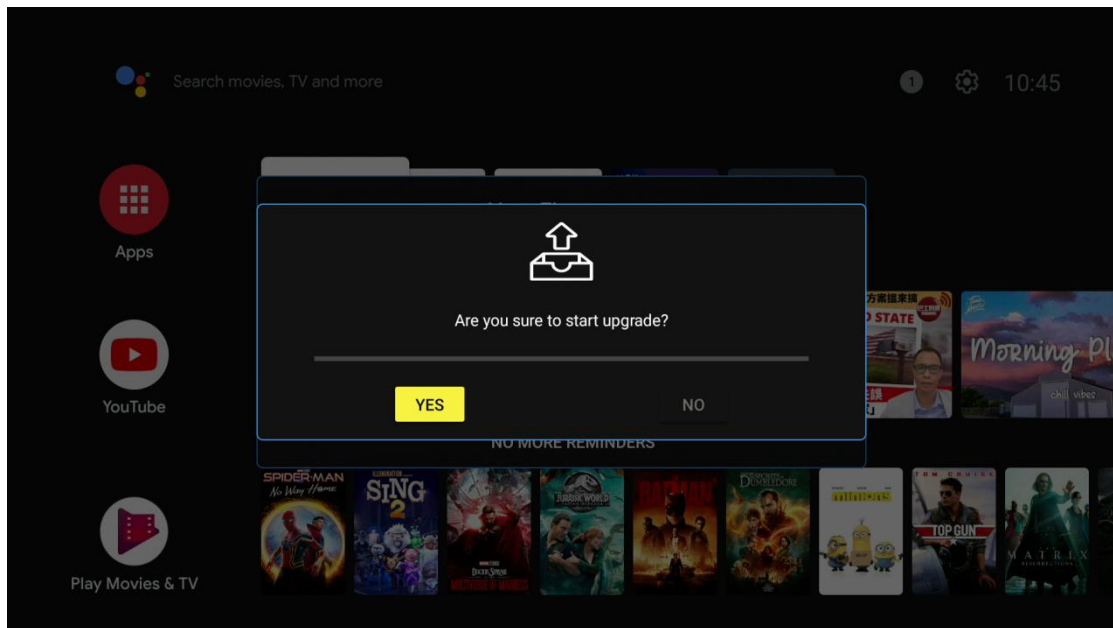
Wählen Sie eine Firmware aus und drücken Sie „OK“.



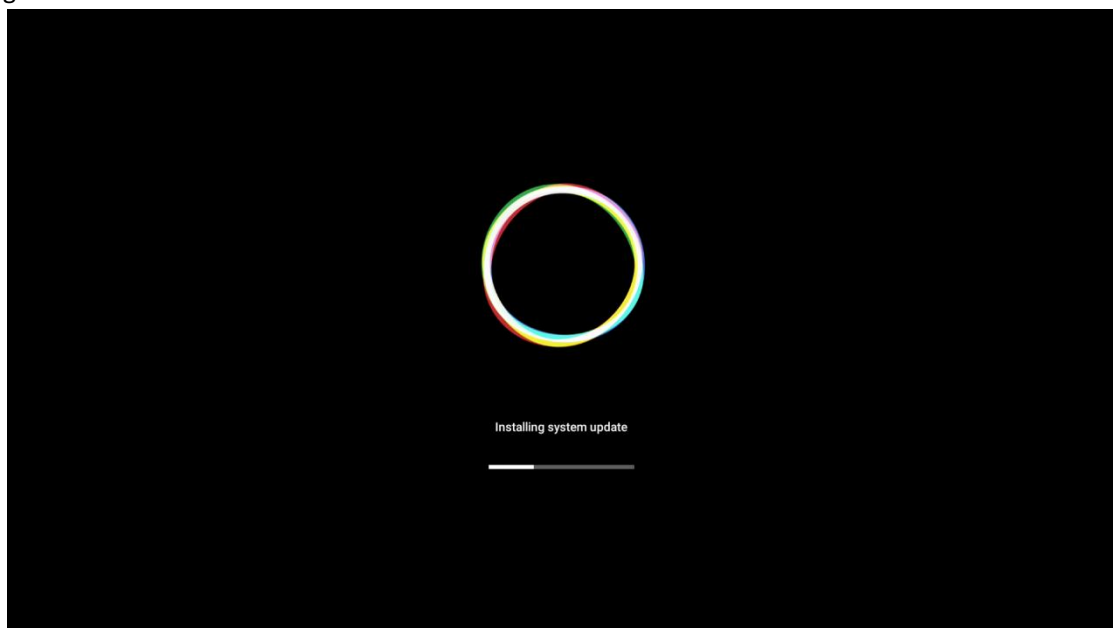
Wählen Sie „JA“, um den Download zu starten.



Nach Abschluss des Downloads werden Sie erneut aufgefordert, das Upgrade zu bestätigen.



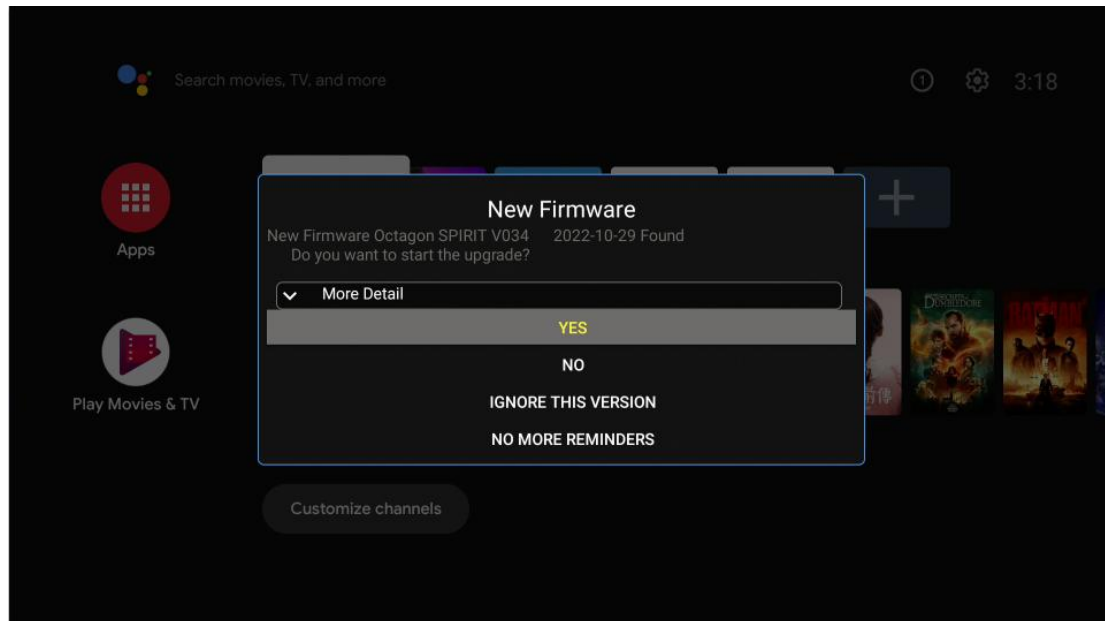
Wählen Sie „JA“, das Upgrade wird gestartet.



Wenn das Upgrade abgeschlossen ist, wird es automatisch neu gestartet.

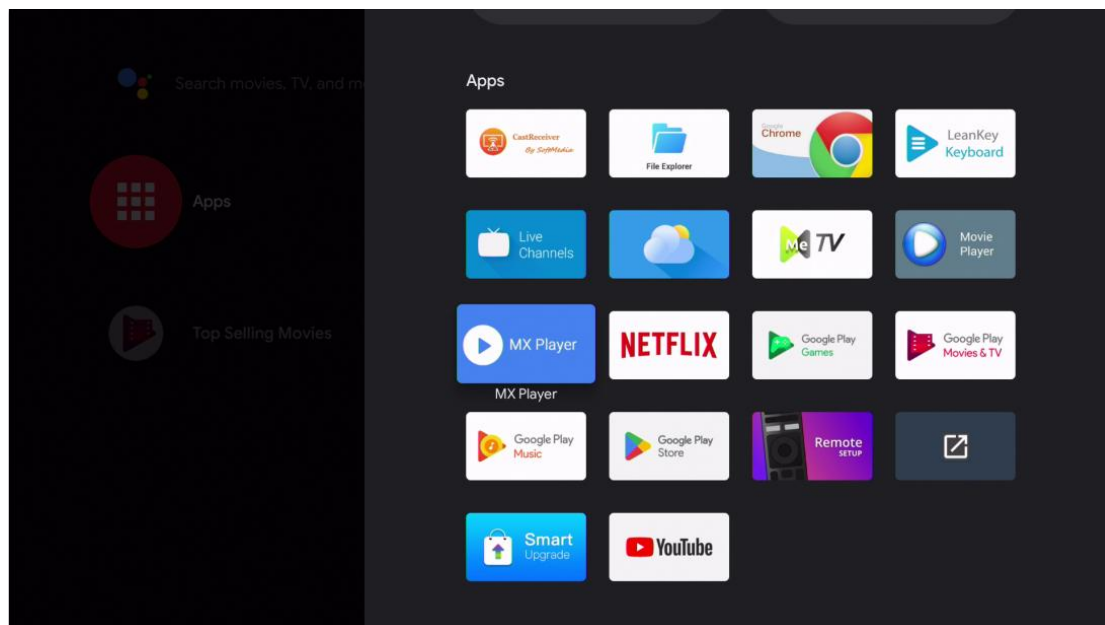
Neue Firmware erinnern

Wenn die neue Version der Firmware online ist, wird eine Meldung angezeigt.

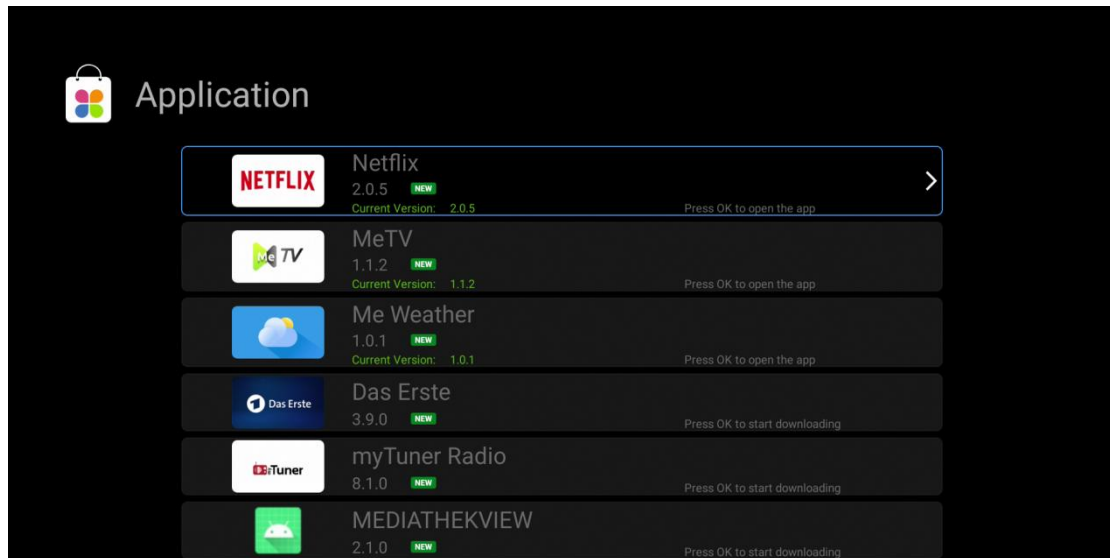


Wählen Sie „JA“, der Download und das Upgrade beginnen wie bei „Firmware manuell aktualisieren“.

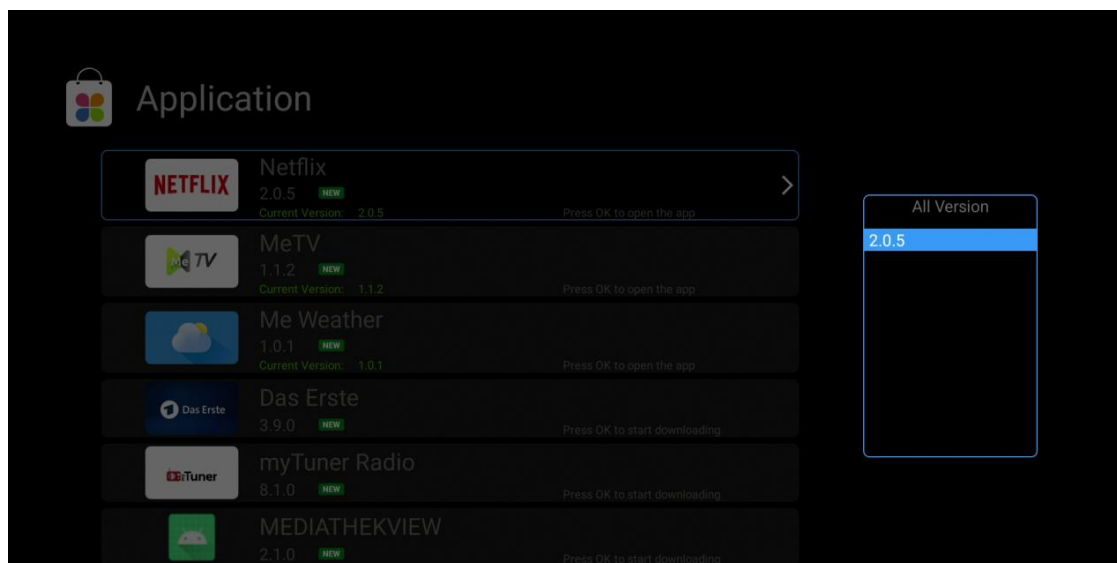
Private App-Installation und -Upgrade



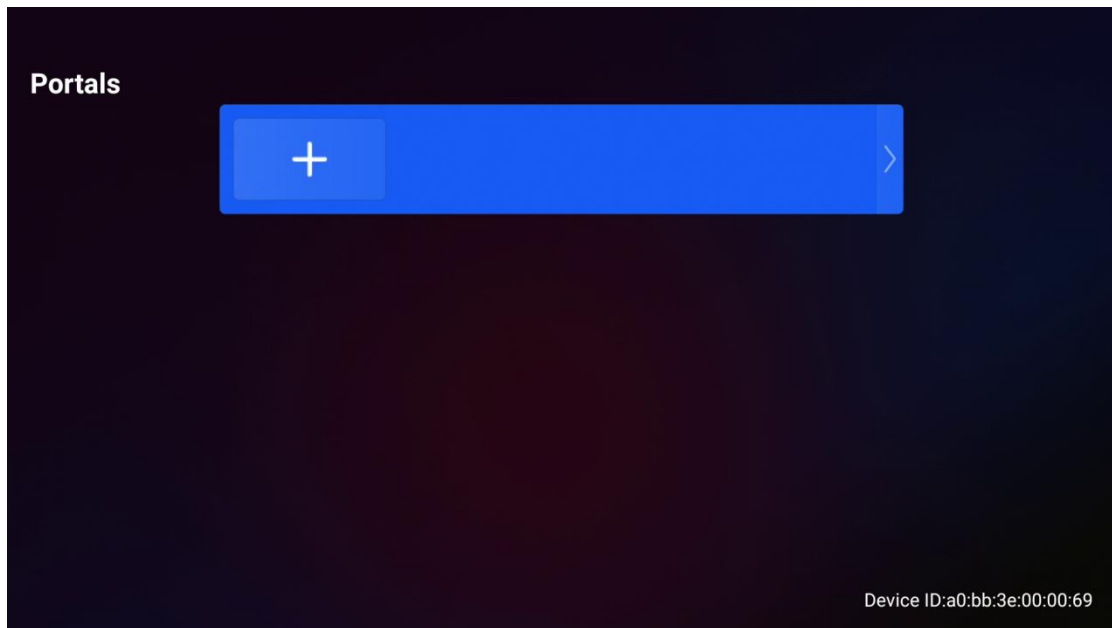
Öffnen Sie die App „Smart Upgrade“, es wird die private App-Liste angezeigt.



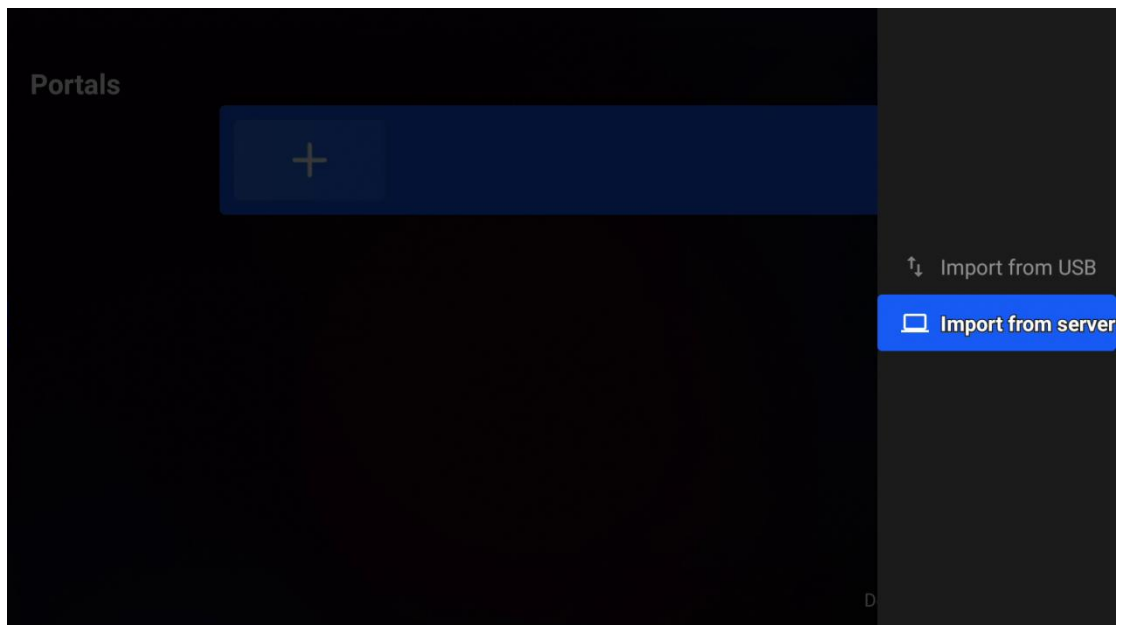
Drücken Sie die „RECHTS“-Taste, Sie können eine Version zum Upgrade oder Downgrade auswählen.



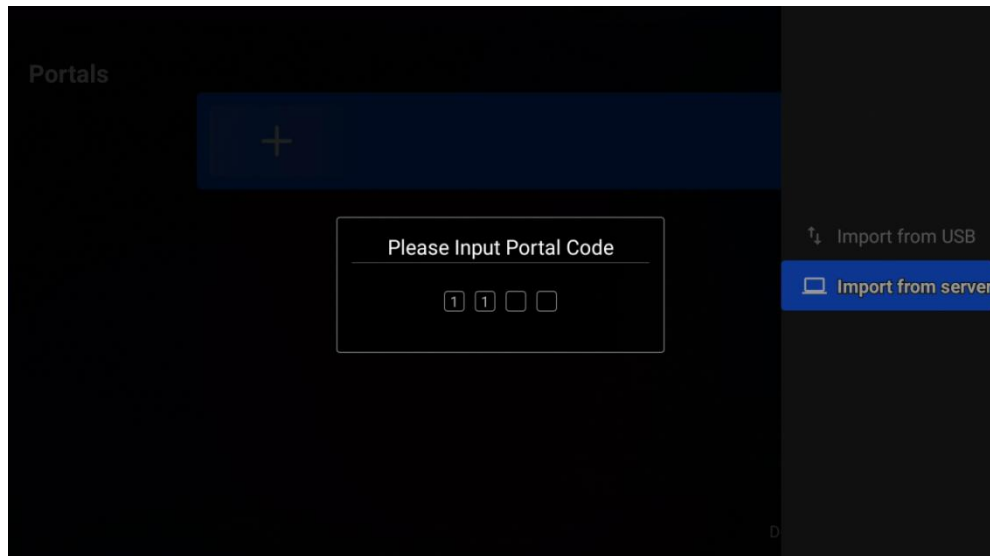
MeTV



Drücken Sie die
„RECHTS“-Taste.

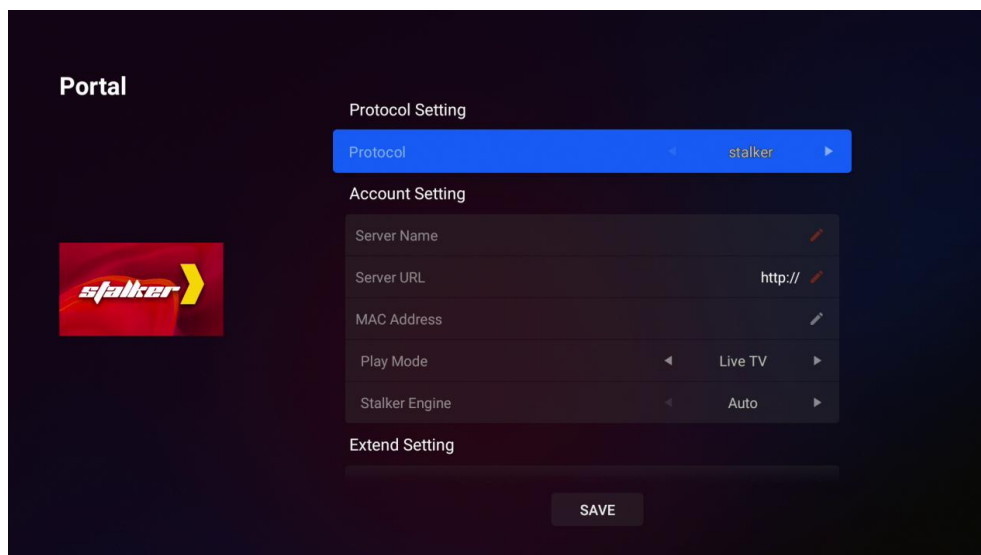


Wählen Sie „Von USB importieren“, um Portale von USB zu installieren.
Wählen Sie „Vom Server importieren“, um Portale aus dem Internet zu
installieren.



Geben Sie „Portalcode“ ein, um die Portale zu installieren.

Sie können das Portal auch manuell bearbeiten.



WIFI Module:

Wlan Standard :IEEE 802.11b/g/n

Frequency Range:2.400GHz~2.497GHz(2.4GHz ISM Band)

Number of Channels:2.4GHz CH1~CH14

Modulation:802.11b DQPSK,DBPSK CCK

802.11g/n:OFDM/64QAM 16QAM QPSK BPSK

Output Power:802.11b/11Mbps:17±2dbm@EVM≤-15db

802.11g/54Mbps:15±2dbm@EVM≤-28db

802.11n/MCS7:14±2dbm@EVM≤-30db

RX sensitivity: 802.11b/11Mbps:-85dbm

802.11g/54Mbps:-72dbm

802.11 n HT20/MCS7:-70dbm

802.11n HT40/MCS7:-66dbm
Wlan Standard :IEEE 802.11a/n/ac 2x2 Wifi compliant
Frequency Range:4.900GHz~5.845GHz(5.0GHz ISM Band)
Number of Channels:5.15 GHz ~5.25 GHz(36,40,44,48)
5.25 GHz ~5.35 GHz(52,56,60,64)
5.5GHz~5.7GHz(100,104,108,112,116,120,124,128,132,136,140)
5.725 GHz ~5.825 GHz(149,153,157,161,165)
Modulation:802.11a OFDM/64QAM,16QAM,QPSK BPSK
802.11n:OFDM/64QAM 16QAM QPSK BPSK
802.11ac:OFDM/256QAM
Output Power:802.11a/54Mbps:15±2dbm@EVM≤-25db
802.11n HT20/MCS7:14±2dbm@EVM≤-28db
802.11n HT40/MCS7:14±2dbm@EVM≤-28db
802.11ac VHT20/MCS8:13±2dbm@EVM≤-30db
802.11ac VHT40/MCS9:13±2dbm@EVM≤-32db
802.11ac VHT80/MCS9:13±2dbm@EVM≤-32db
RX sensitivity: 802.11a/54Mbps:-72dbm
802.11n HT20/MCS7:-69dbm
802.11n HT40/MCS7:-67dbm
802.11ac HT20/MCS8:-65dbm
802.11ac HT40/MCS9:-60dbm
802.11ac HT80/MCS9:-55dbm
Maximum input level:802.11a/n/ac:-20dbm
Maximum output level:802.11a/b/g/n/ac:20dbm

Service

OCTAGON Germany

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D-79730 Murg

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Fax: 0049-(0)7763-704483

E-Mail: info@octagon-germany.de

Internet: www.octagon-germany.de

Support: www.octagon-forum.eu

WEEE-Reg.-Nr. DE 69966297

www.octagon-germany.eu

www.octagon-forum.eu

User manual

Android UHD 4K TV Box
Receiver / IPTV/ OTT Mediaplayer



android 

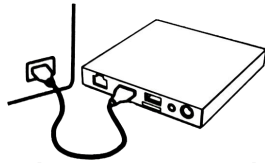
OCTAGON SPIRIT NANO 4K



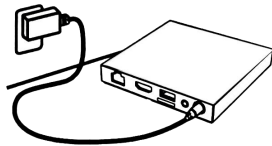
www.octagon-germany.eu

Installation Guide

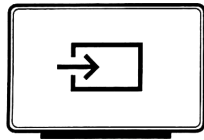
1,Connect your box to your TV with an HDMI cable



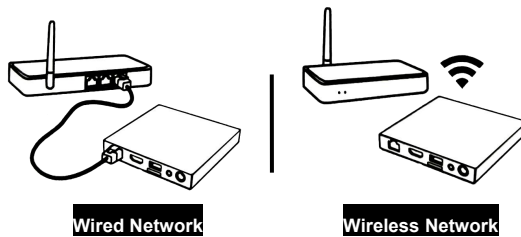
2,Connect your box to power using the power cord



3,Turn on your TV and switch to the correct HDMI input



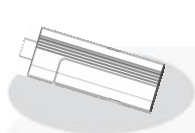
4,Set-up your box and connect to your local network



5,Please set up your box to enjoy the wonderful experience



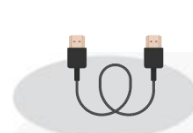
What's in the Box?



Media Receiver



Remote Control



HDMI Cable



Power Adapter



user manual



2X Batteries

CAUTION!

To avoid the risk of electric shock, do not disassemble the receiver.

There are no user-serviceable parts inside.

Refer servicing to qualified service personnel.

This receiver was manufactured in accordance with international safety standards.

Please read the following precautions carefully.

Safety Instructions and Precautions:

Products are designed to operate safely when installed and used according to the product instructions and safety practices. The guidelines included in this document explain the potential risks associated with equipment operation and provide important safety practices designed to minimize these risks, by carefully following the information contained in this document, you can protect yourself from hazards and create a safer environment.

This product is designed and tested to meet IEC62368-1, the standard for safety of information technology equipment. This also covers the implementation of IEC62368-1 based safety standards around the world.

Retain and follow all product safety and operating instructions. Always refer to the documentation supplied with your equipment. Observe all warnings on the product and in the operating instructions.

Note: read all safety information below and operating instructions before using box to avoid injury.

Warning: failure to follow these safety instructions could result in fire, electric shock or other injury or damage. Electrical equipment can be hazardous if misused. Operation of this product, or similar products, must always be supervised by an adult. Do not allow children access to the interior of any electrical product and do not permit them to handle and cables.

- Power supply network connection (100-240V ~ 50/60Hz)

- Connect this receiver only to the type of network indicated on the label
- Unplug the receiver from the electrical outlet before beginning any maintenance or installation

- Connecting to antenna

- Disconnect the receiver from the network before connecting or disconnecting the cable from the antenna
- Failure to do so may result in damage to the receiver or antenna

- Connecting to a TV

- Unplug the receiver from the electrical outlet before connecting or disconnecting the cable from the TV

Failure to comply may result in damage to the receiver or TV

- Liquids

- The receiver must not be exposed to liquids of **ANY** kind!

- Cleaning

- Unplug the receiver from the electrical outlet before cleaning
- To remove dust, use a light damp cloth, without solvents

- Ventilation

- Do not place the receiver on furniture or carpets
- Do not place any objects on top of the receiver
- Do not restrict air circulation around the receiver

- Earthing

- The antenna cable must be grounded

- Foreign objects

- Do not insert anything through the openings in the receiver, since you can touch a hazardous voltage point or damage the receiver

- Location

- Use the receiver indoors, to avoid damaging it by weather
- Do not install the receiver near a radiator or other heat source
- Dropping the product may result in personal injury and serious damage to the receiver

- Lightning, storm

- Unplug the receiver from the wall outlet and disconnect the antenna during a lightning storm or when unused for long periods of time
- This will prevent damage to the circuit due to lightning or voltage fluctuations

- Repair

- If it is necessary to repair, it is necessary to be sure of the qualification of the service
- Unauthorized repairs can lead to additional damage

- FRONT PANEL:



- **LED status indicator**

Displays the current status of the receiver (blue / red)

- REAR AND SIDES PANELS:



- **HD OUT & HDMI**

HD OUT - high quality digital audio and video output

- **POWER&DC 5V**

Power socket. Attention! You must use the original 5 volts power adapter included in the box!

- **RST**

RESET Taste für Service.



- **USB**

Type-C USB

FERNBEDIENUNG



Standby/On, Standby/Off



Record button



Open or add to favorite's



Mute sound



Go back to previous



Press this key one time to run menu on screen



Turn on the EPG (electronic program guide)



Popup the infor bar to show the main information about the related channel



To open Series



To open VOD



Open live TV



Back Home menu



Shortcut Red, Green, Yellow, Blue



Enter number of the required menu item or select a channel number to wat



Volume up and down



change channel, Page Up/Down



Menu movement and control



To search by voice



Confirmation of selection



Mouse Function



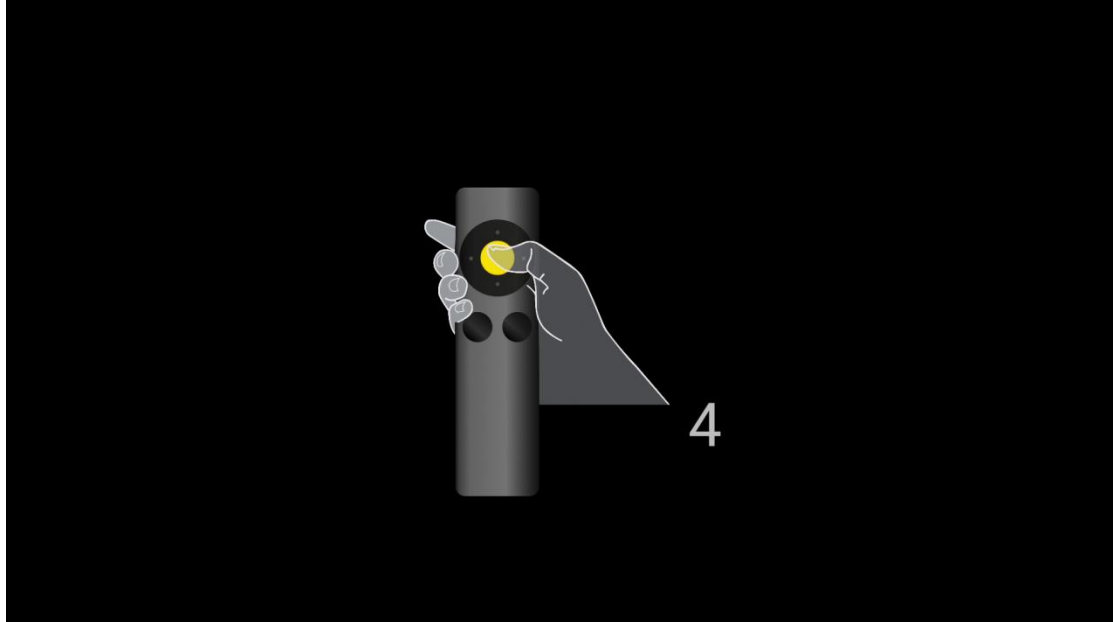
Specifications

Main Chipset	Amlogic S905Y4
CPU Cores	Quad-core
CPU Architecture	ARM Cortex A35
GPU	ARM G31 MP2
SDRAM	2GB DDR3
Storage	32GB
Bluetooth	5.1
HDMI	HDMI2.0a TX, 4K 10bit UHD@60Hz up4096x2160px 1080p/i, 720p/i, 576p/i, 480p/i
Wi-Fi	DualBand 2.4/5GHz 802.11a/b/g/n/ac MIMO 2 built-in antennas
USB	Type-C USB, Type-C power connector
Ports	HDMI 2.0, Type-C USB, DC 5V
Software	Android 11.0
Audio Support	Digital Sound 5.1, 7.1
Audio Containers Support	MP3, AAC, OGG, OGA, FLAC, ALAC, others via applications
Input Voltage	DC 5V/2A
Power Consumption	Max 10W
Power Consumption in Standby	<0.5W
Storage Temperature	-40~60C
Operating temperature	-5~45C
Humidity	<95%
Dimensions	105*36*15MM
Net Weight	45g

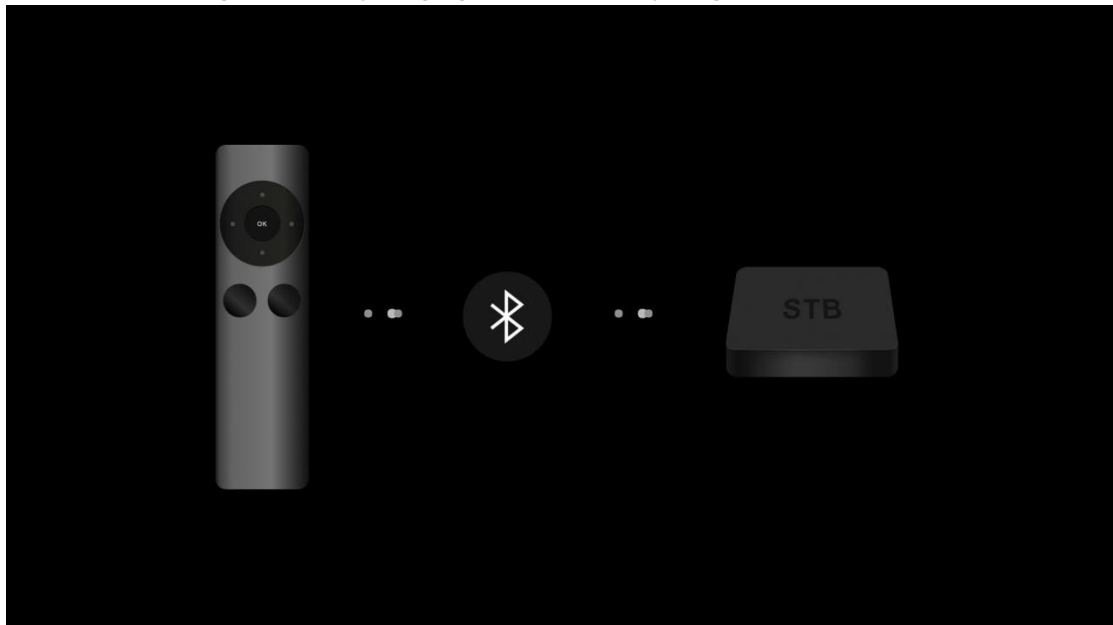
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Initialization

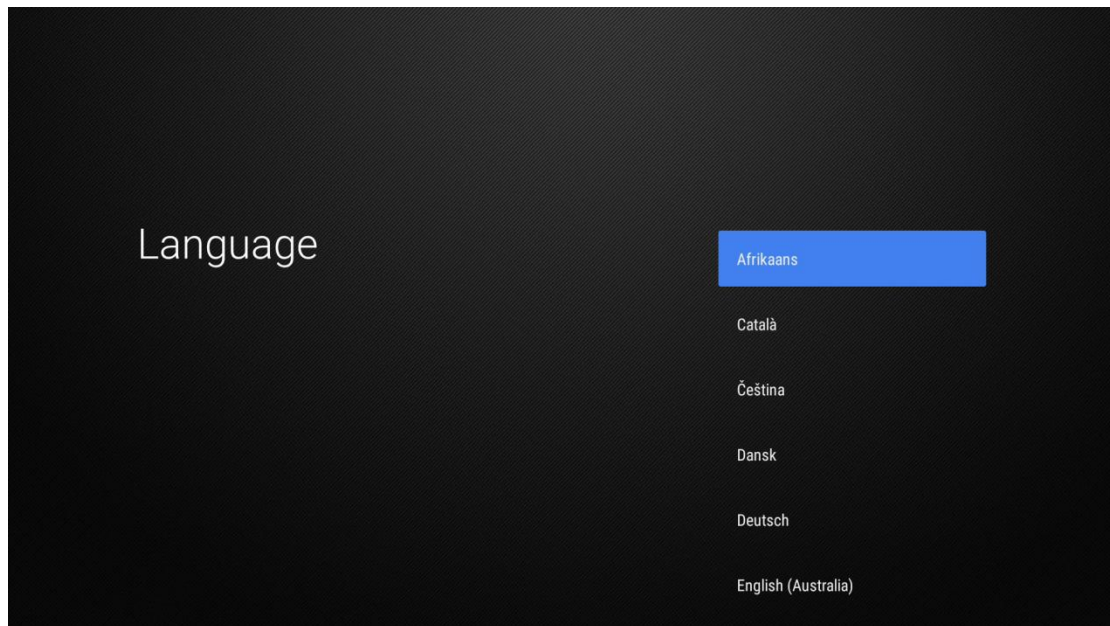
This is the first screen you will see when power on the receiver, you need to press RCU "OK" button for 6 seconds to enter paring mode (RCU will blink the led).



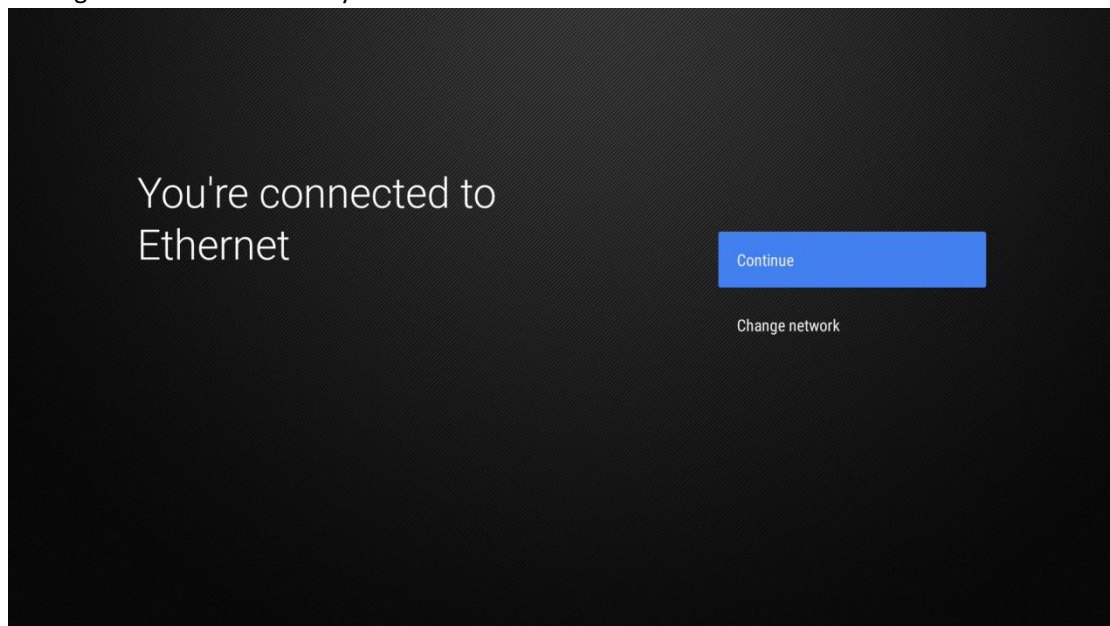
When receiver caught the RCU paring signal, it will show paring screen.



After paring successful, it will show language selection menu.



Setting internet connection by Ethernet



Or selection “Change network” for Wi-Fi

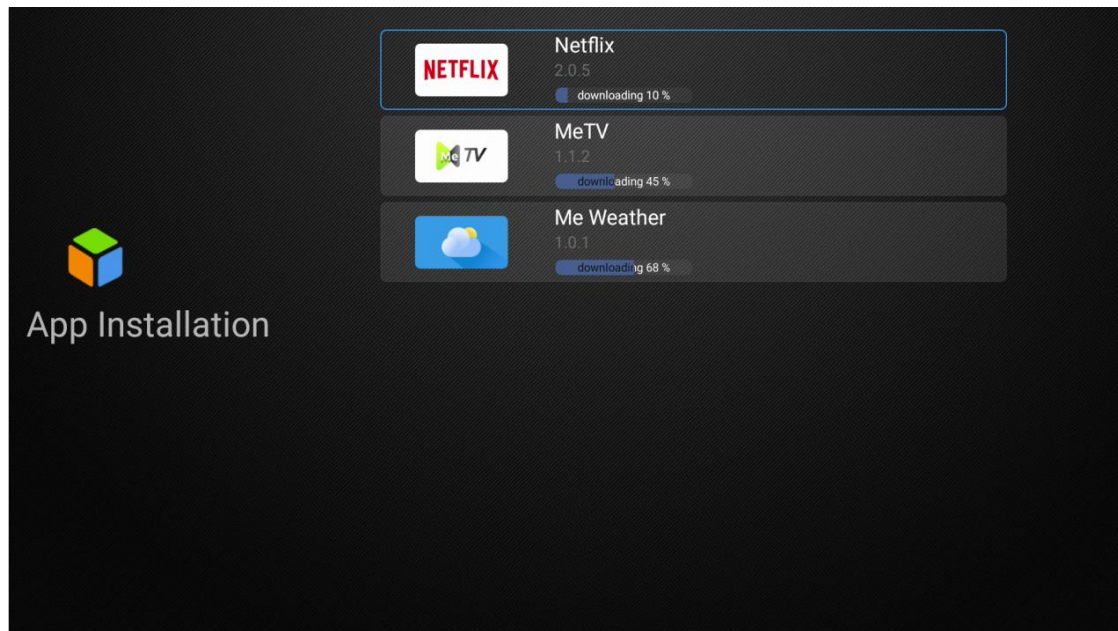
Select your Wi-Fi network

-  AK47
-  AK47-5G
-  ChinaNet-HEpY
-  ChinaNet-HEpY-5G
-  ChinaNet-niQy
-  NG Family

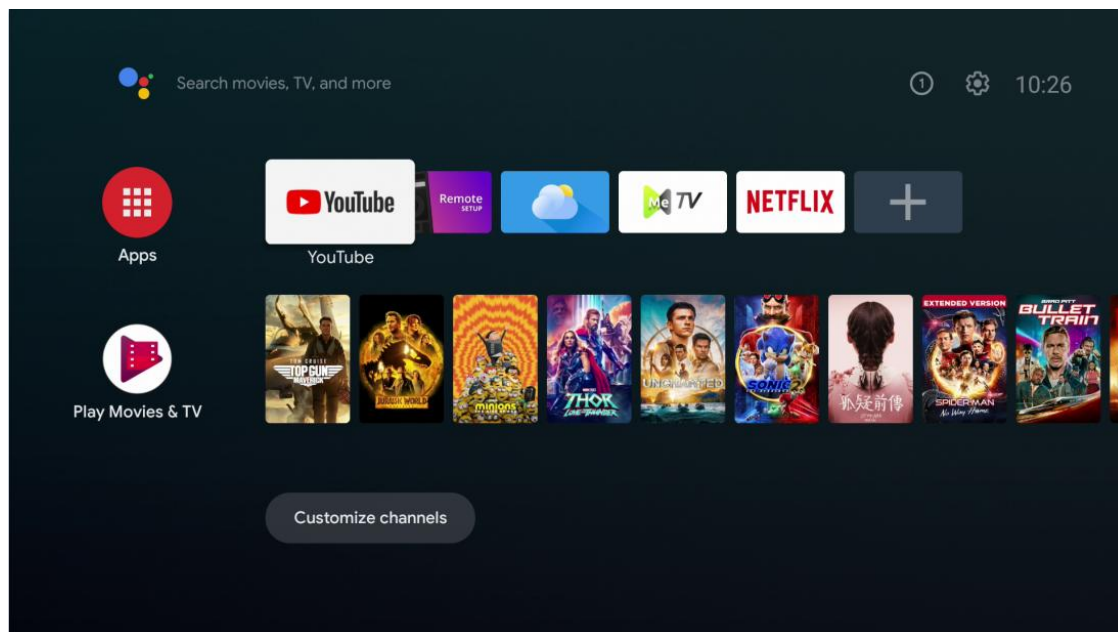
After internet connected, receiver will install the basic applications and default configuration.

Waiting for the smartupgrade to be ready

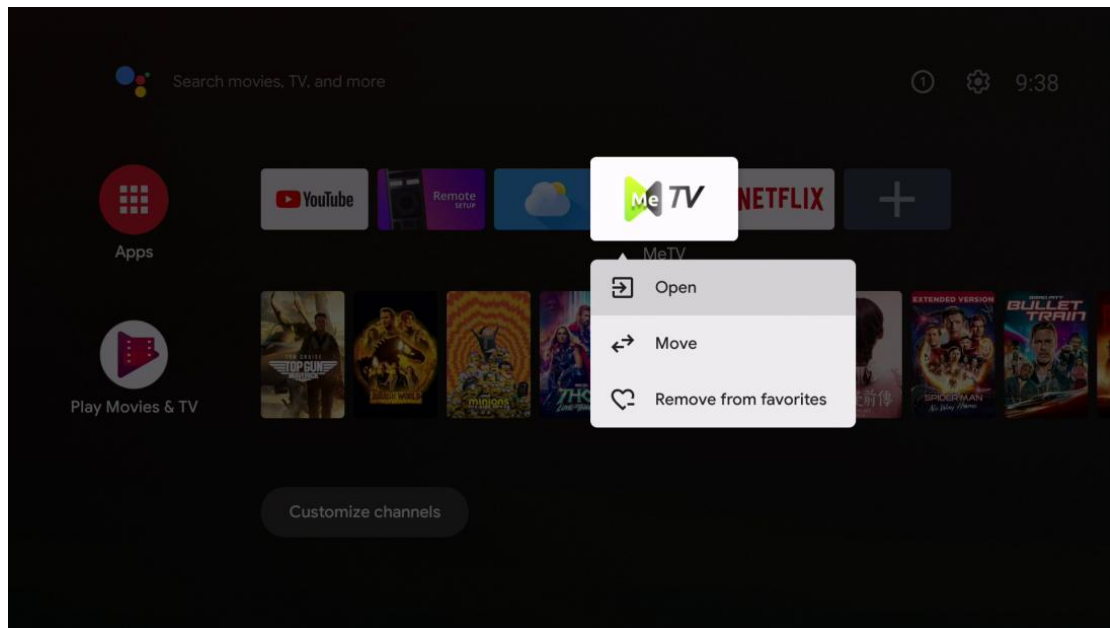




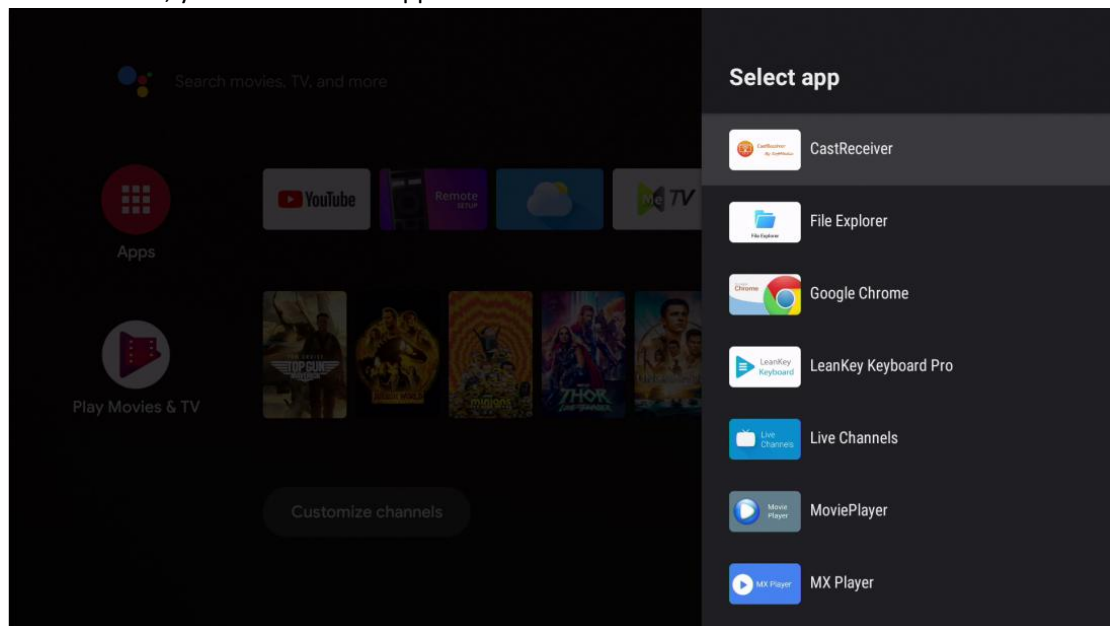
Launcher



Long press "OK" button will show you the more functions, like remove, move.

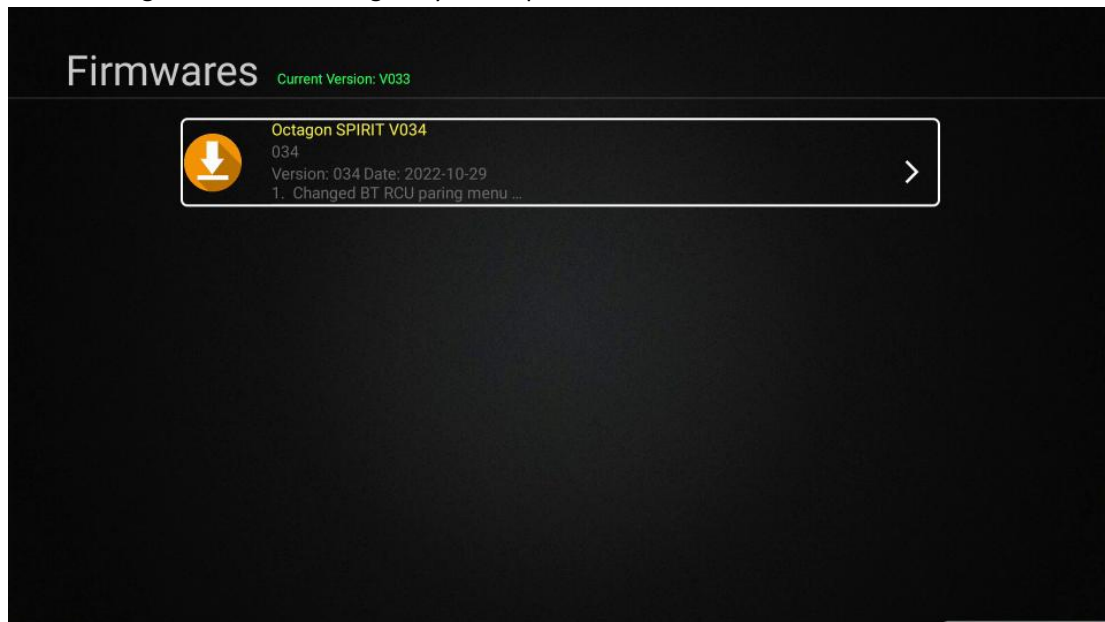


Press “+” icon, you can add more apps into launcher.

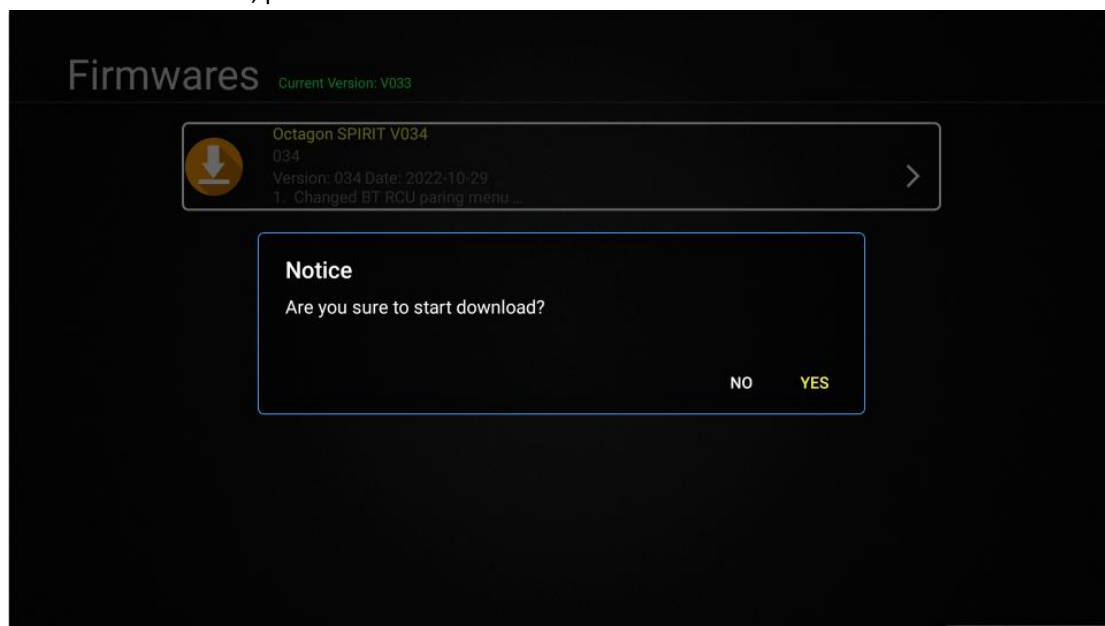


Manual update firmware

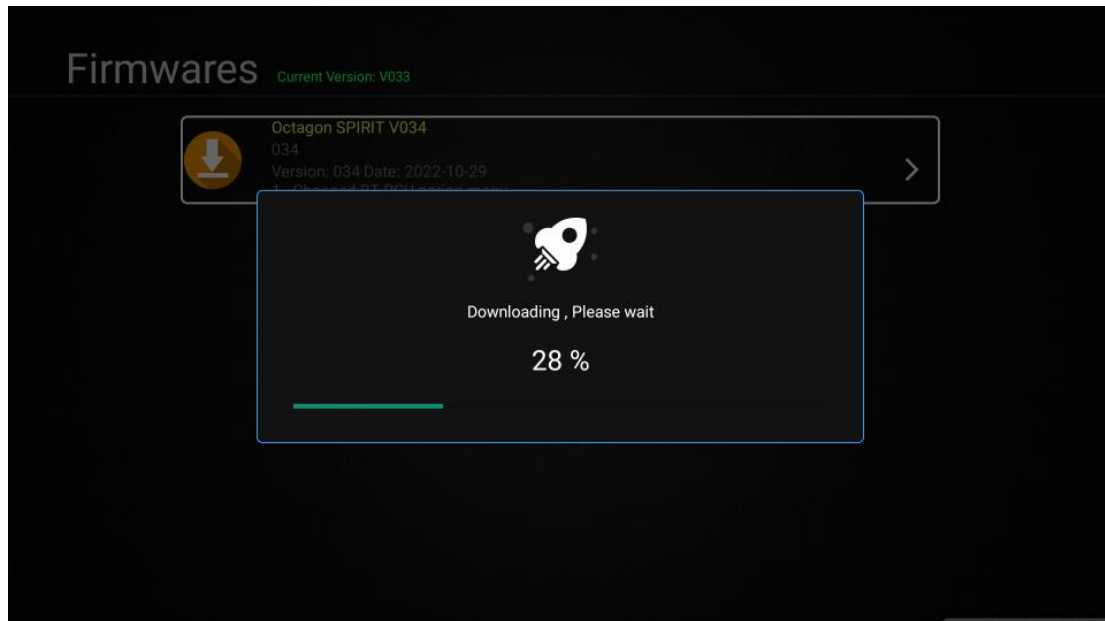
Enter Settings > Extended settings > System Update



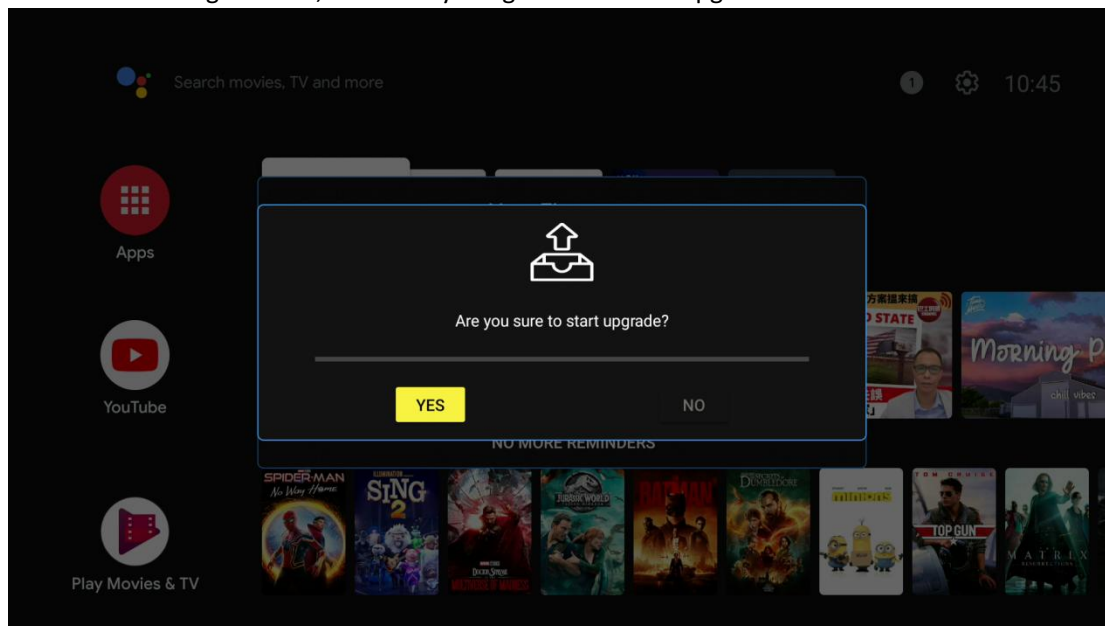
Choose one firmware, press “OK”



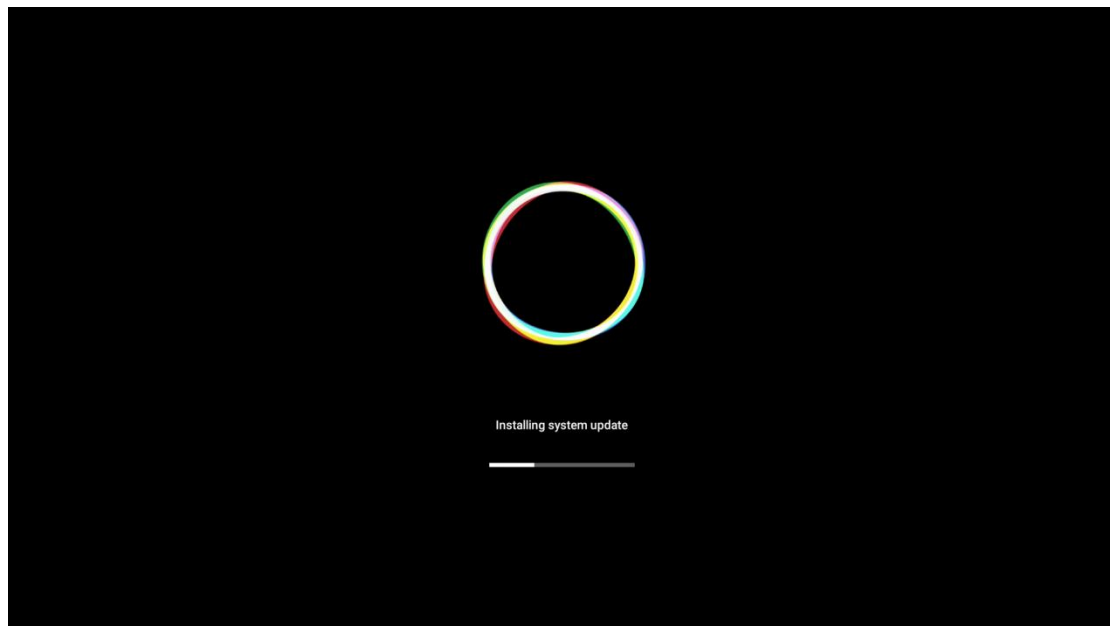
Choose “YES” to start downloading



After downloading finished, it will ask you again to confirm upgrade



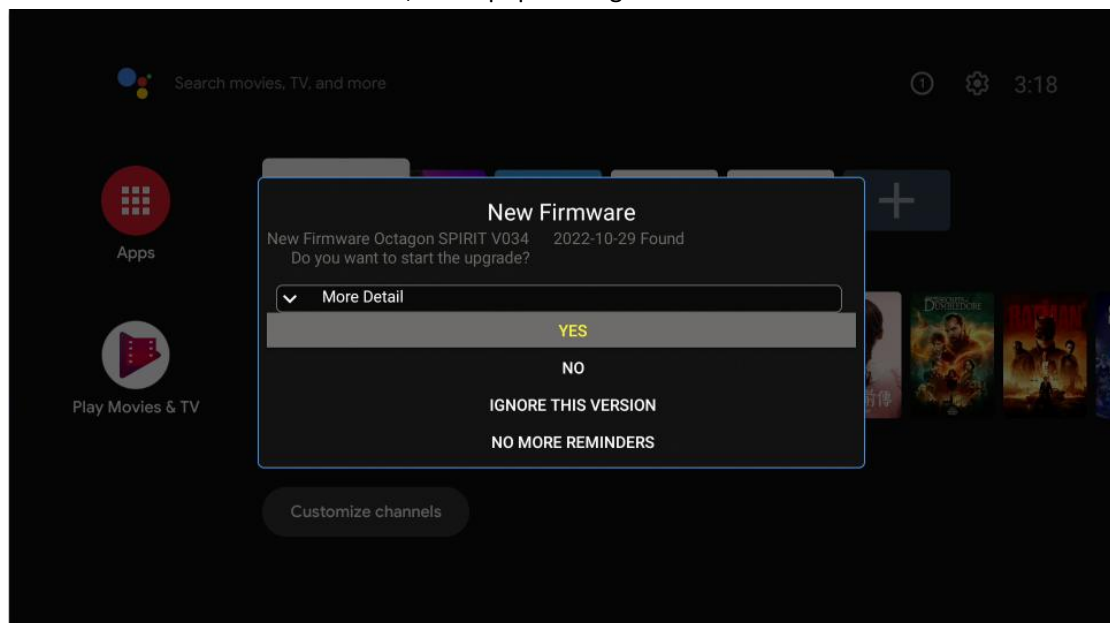
Choose "YES", it will enter upgrading



When upgrading finished, it will reboot automatic.

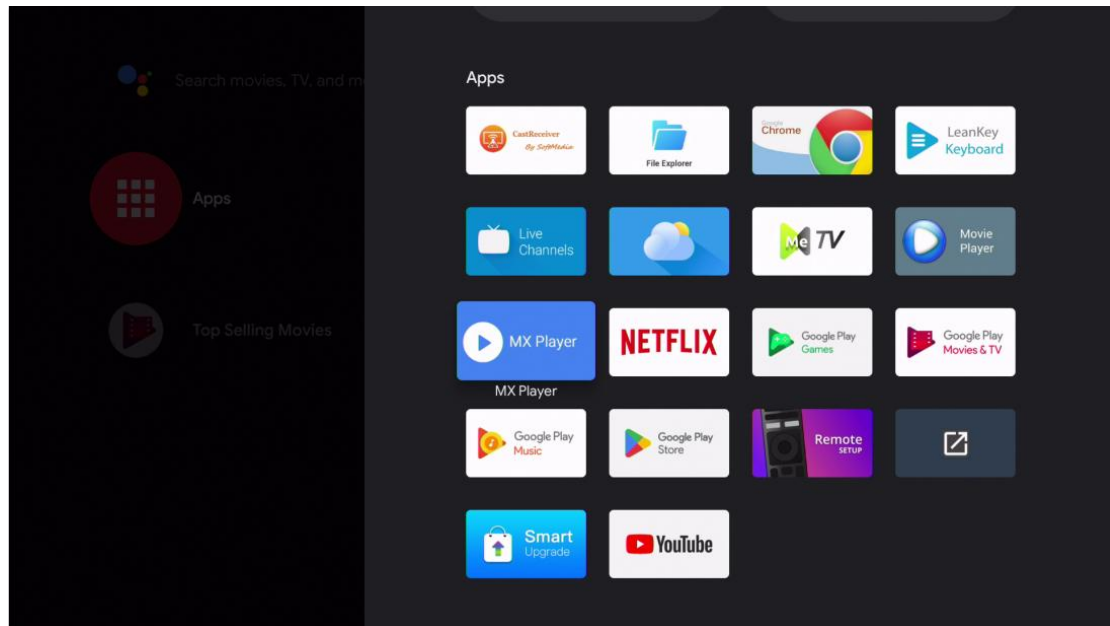
New firmware remind

When new version firmware online, it will pop message

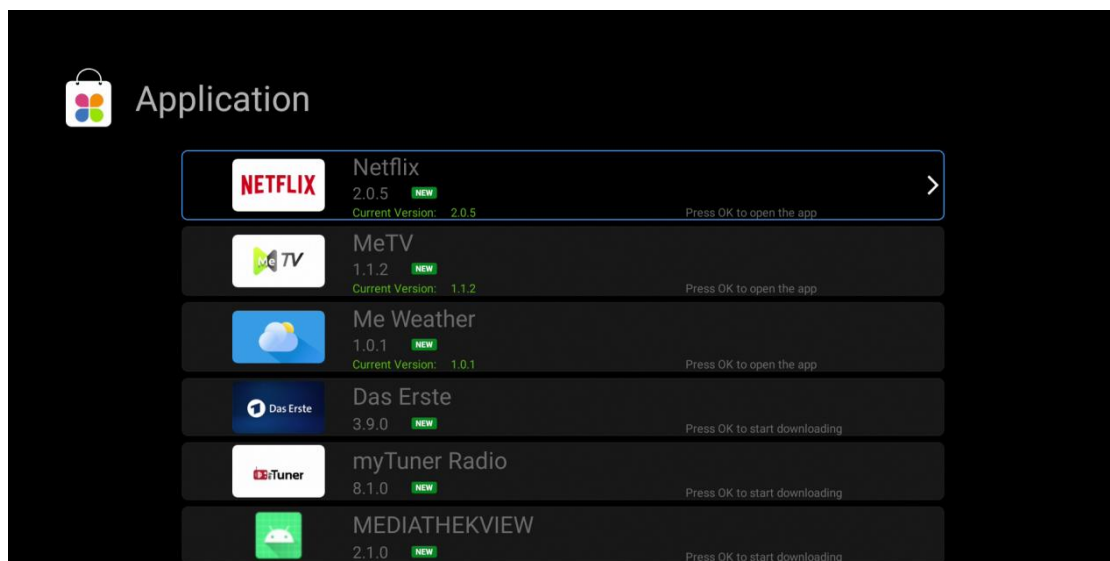


Choose "YES", it will start to download and upgrade same as "Manual update firmware".

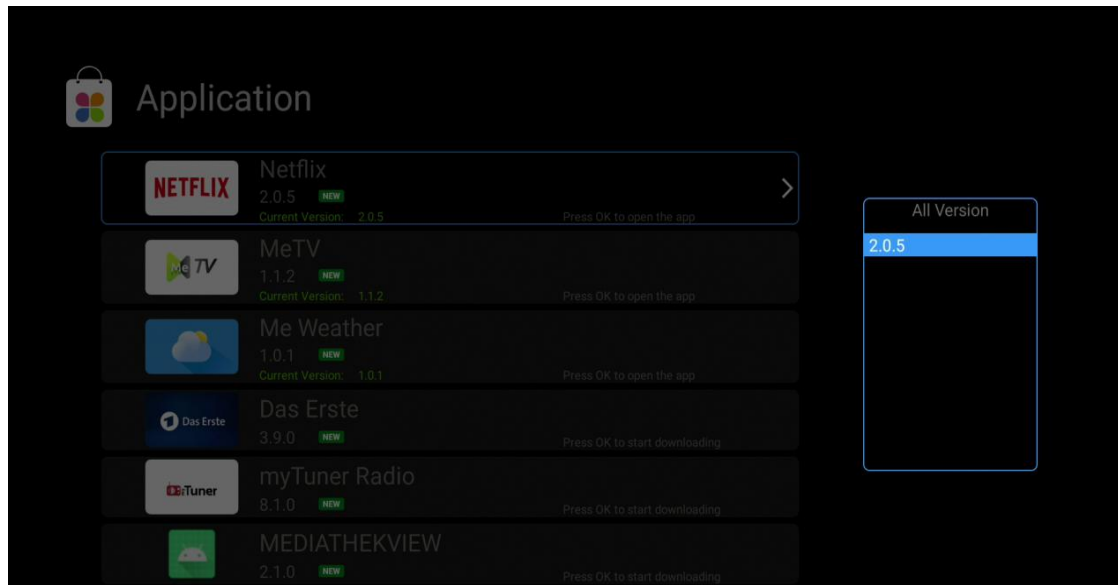
Private app installation and upgrade



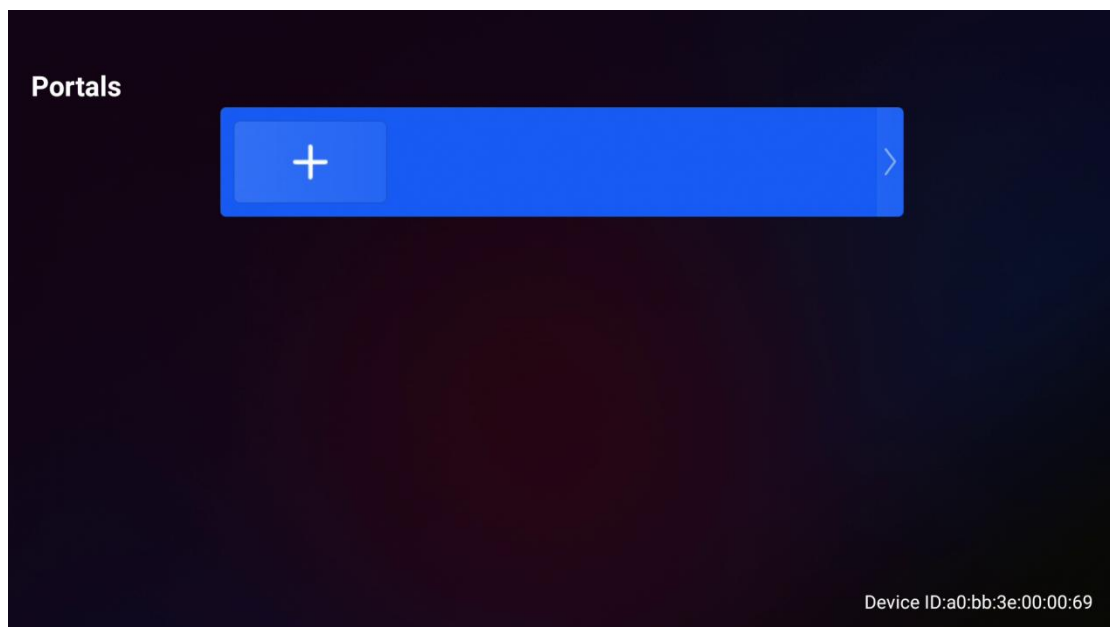
Open “Smart Upgrade” app, it will show the private app list



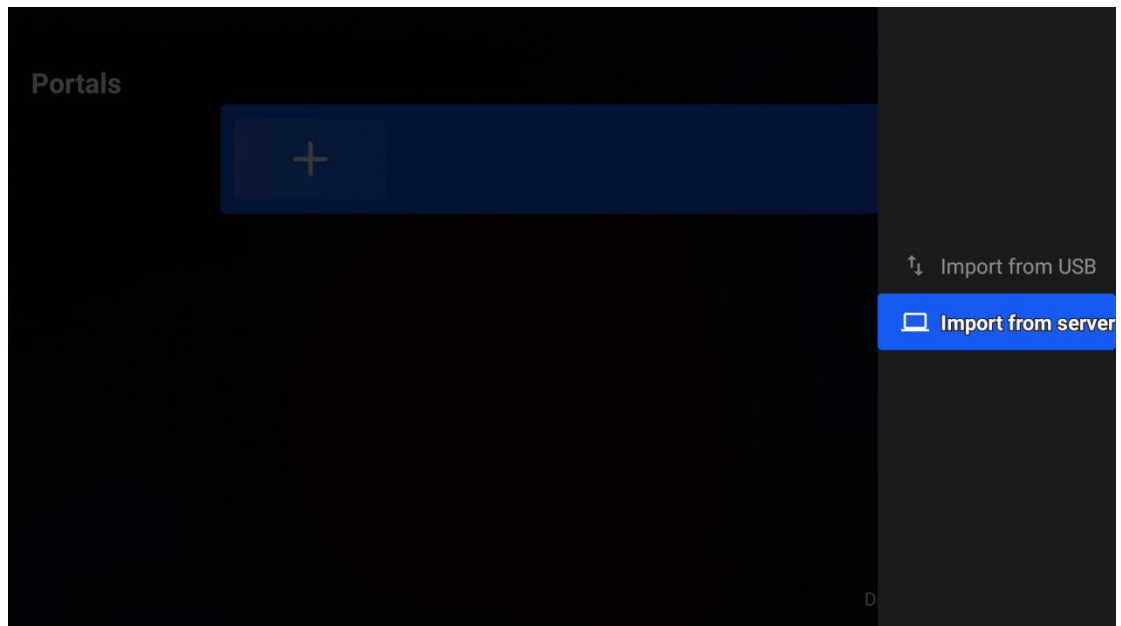
Press “RIGHT” button, you can choose one version to upgrade or downgrade



MeTV

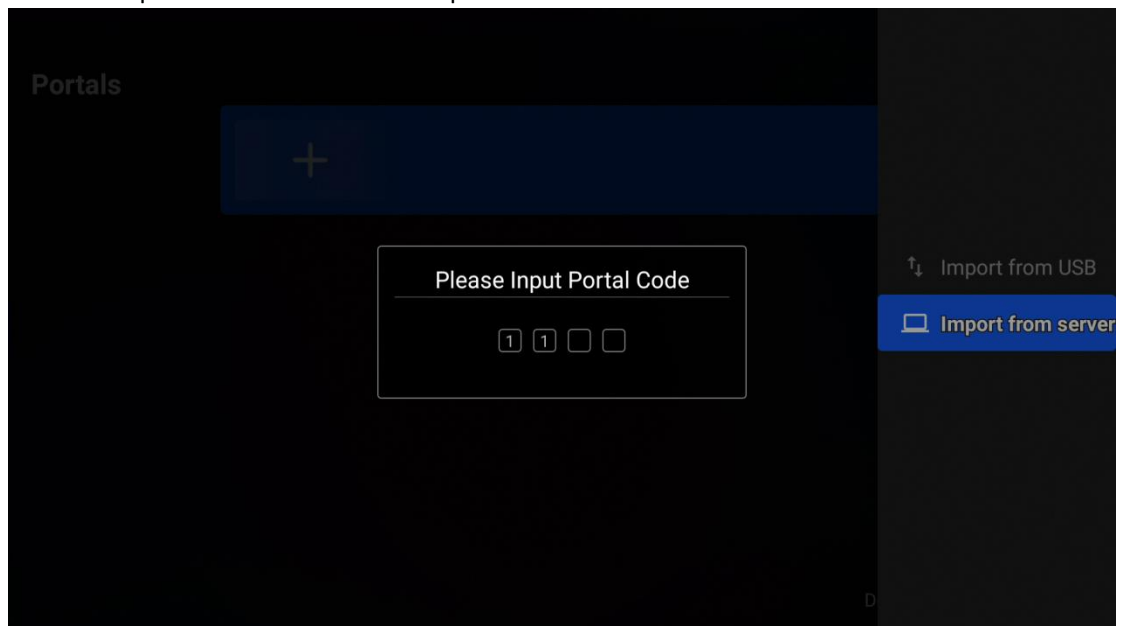


Press "RIGHT" button



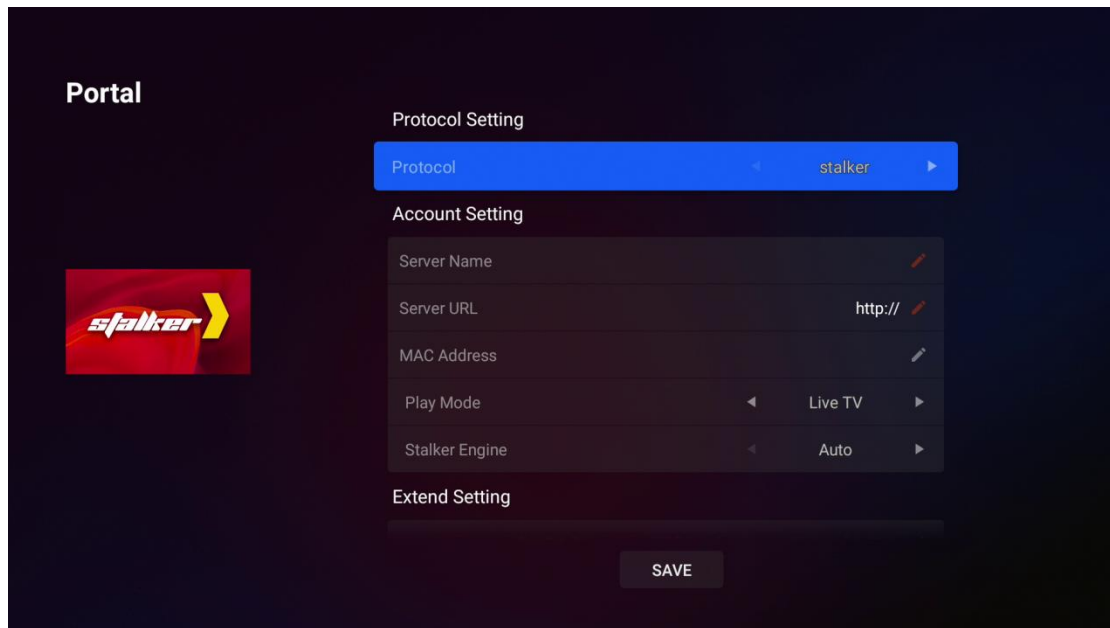
Choose "Import from USB" to install portals from USB.

Choose "Import from server" to install portals from internet.



Enter "Portal code", will install the portals.

Also you can edit the portal by manual.



WIFI Module:

Wlan Standard :IEEE 802.11b/g/n

Frequency Range:2.400GHz~2.497GHz(2.4GHz ISM Band)

Number of Channels:2.4GHz CH1~CH14

Modulation:802.11b DQPSK,DBPSK CCK

802.11g/n:OFDM/64QAM 16QAM QPSK BPSK

Output Power:802.11b/11Mbps:17±2dbm@EVM≤-15db

802.11g/54Mbps:15±2dbm@EVM≤-28db

802.11n/MCS7:14±2dbm@EVM≤-30db

RX sensitivity: 802.11b/11Mbps:-85dbm

802.11g/54Mbps:-72dbm

802.11 n HT20/MCS7:-70dbm

802.11n HT40/MCS7:-66dbm

Wlan Standard :IEEE 802.11a/n/ac 2x2 Wifi compliant

Frequency Range:4.900GHz~5.845GHz(5.0GHz ISM Band)

Number of Channels:5.15 GHz ~5.25 GHz(36,40,44,48)

5.25 GHz ~5.35 GHz(52,56,60,64)

5.5GHz~5.7GHz(100,104,108,112,116,120,124,128,132,136,140)

5.725 GHz ~5.825 GHz(149,153,157,161,165)

Modulation:802.11a OFDM/64QAM,16QAM,QPSK BPSK

802.11n:OFDM/64QAM 16QAM QPSK BPSK

802.11ac:OFDM/256QAM

Output Power:802.11a/54Mbps:15±2dbm@EVM≤-25db

802.11n HT20/MCS7:14±2dbm@EVM≤-28db

802.11n HT40/MCS7:14±2dbm@EVM≤-28db

802.11ac VHT20/MCS8:13±2dbm@EVM≤-30db

802.11ac VHT40/MCS9:13±2dbm@EVM≤-32db
802.11ac VHT80/MCS9:13±2dbm@EVM≤-32db
RX sensitivity: 802.11a/54Mbps:-72dbm
802.11n HT20/MCS7:-69dbm
802.11n HT40/MCS7:-67dbm
802.11ac HT20/MCS8:-65dbm
802.11ac HT40/MCS9:-60dbm
802.11ac HT80/MCS9:-55dbm
Maximum input level:802.11a/n/ac:-20dbm
Maximum output level:802.11a/b/g/n/ac:20dbm

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