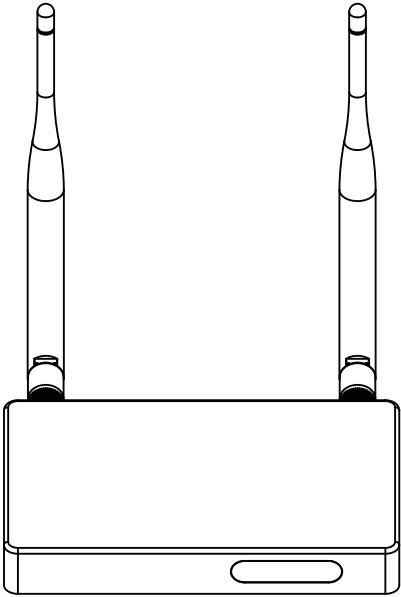




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Safety Instructions



Removing the cover of the receiver may lead to a severe and potentially fatal electric shock.

This digital receiver has been manufactured to meet international safety standards. However, safety precautions must be followed to ensure the safe and reliable operation of the device.

Please take note of the following guidelines to avoid the risk of an electric shock.

- This device operates with an external power supply in the range of 100 to 240V AC, 50/60 Hz. Use a standard AC wall outlet, a DC power source cannot be used. Remember that contact with a 110-240 Volt AC power supply can be lethal.
- Ensure that all electrical connections are properly made before connecting the device to the power supply (the mains). Always unplug the device before connecting or disconnecting any cables.
- Whenever you connect the device to the power supply (the mains), always connect the power lead to the power input connector on the back panel of the device before you connect the power socket to the wall outlet.
- Whenever you disconnect the device from the power supply (the mains), always remove the power socket from the wall outlet before you remove the other end of the lead from the power input connector on the back panel of the device.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the likes.
- Never attempt to repair or reconstruct this device yourself. A serious electric shock may occur if this device is repaired, disassembled or reconstructed by an unauthorized person.
- Be extremely careful if this device is in contact with water. Immediately disconnect the power socket if possible.
- This apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

DO

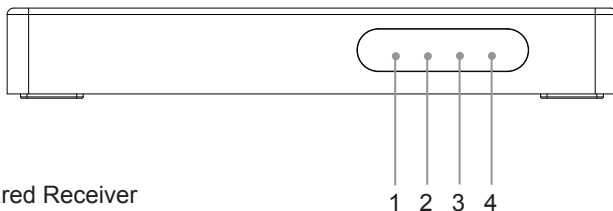
- ✓ Unplug the device and have it checked by a qualified technician if anything falls into the casing.
- ✓ Allow adequate air circulation to prevent internal heat build-up. Do not place the device next to a radiator or any heat source and make sure that the air vents are not covered.

DO NOT

- × Expose the device to extreme temperatures, direct sun light or high humidity.
- × Place any objects on top of the device in order to facilitate air circulation.
- × Place the device on fabric furnishings, carpets or other flammable materials.

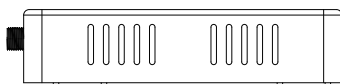
Appearance

Front panel:

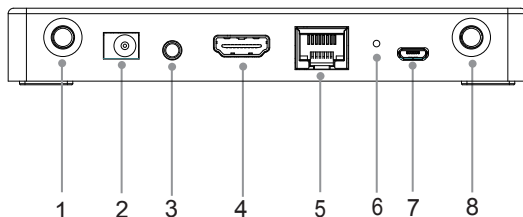


- 1 – Infrared Receiver
- 2 – Sleep Indicator
- 3 – Router Indicator
- 4 – Power Indicator

Side panel:

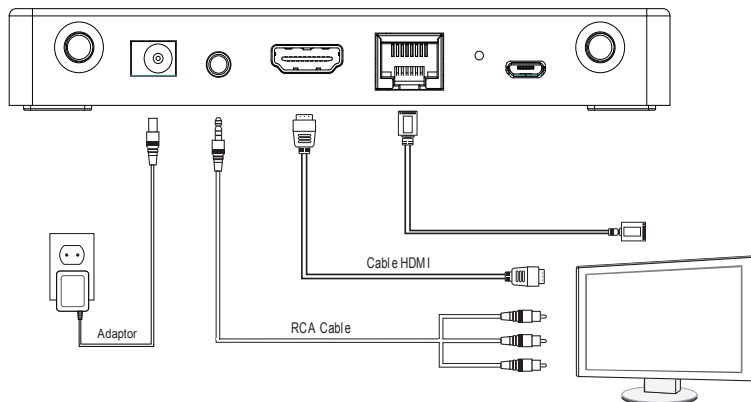


Rear panel:



- | | |
|-----------------------------------|----------------------------------|
| 1 – Input/Output RF (WiFi Signal) | 6 – RESET |
| 2 – DC IN (DC12V 0.7A) | 7 –Micro USB(IPTV) |
| 3 – AUDIO/VIDEO OUT | 8 –Input/Output RF (LoRa Signal) |
| 4 – HDMI OUT | |
| 5 – Ethernet | |

Connection Guide



Step 1: Connect the antenna, providing the antenna, to the "RF IN" on the back of TOrigin TIP

Step 2: Connect the TOrigin TIP and your TV by using the RCA or HDMI cable (supplied with TOrigin TIP), connected to the AV OUT or HDMI connector on the back of the TOrigin TIP.

Step 3: Connect to TOrigin TIP to Router Use Network cable

Step 4: Connect the supplied power adaptor to the "DC IN" on TOrigin TIP and plug the adaptor in the wall socket. Turn your TV ON. You will see the light indicator appeared on the front panel of the TOrigin TIP tuner. TV will display logo and first installation menu at the screen.

Instructions RCU

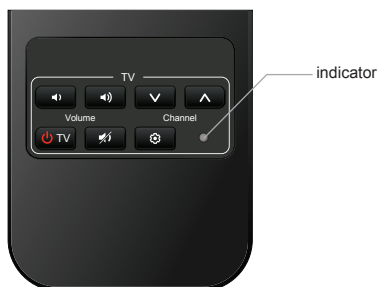


1. **POWER** - puts STB into standby mode. To switch off STB please disconnect the adapter from power supply.
 2. **MUTE** - Mutes and unmutes TV volume.
 3. **Digital buttons (0 ... 9)** - used to select the channels in playback mode, also to input numerical values in the menu
 4. **CH+ and CH-** used to select the next or previous channel
 5. **TV / RADIO** - allows the transition from TV mode to radio listening mode and back again
 6. **VOL+ and VOL-** adjusts volume
 7. **INFO** - displays information about the channel, and provides information about the current and the next programs
 8. **EPG** - displays information about a program schedule
 9. **EXIT** - used for return one step from a submenu
 10. **▲ ▼ ◀ ▶** - used to move left, right, up or down, and select menu items. In a program mode, arrows ▲ and ▼ are used for switching channels, and arrows ◀ and ▶ regulate volume.
 11. **OK** - used for transition to the additional menu of the selected item or confirm the changed setting. In playback mode displays the complete list of channels for fast navigation.
 12. **MENU** - Displays main menu, also used for the complete exit.
 13. **◀** - used to switch to the previously viewed channel.
 14. **↺** - used to return to the previous channel
 15. **Colored buttons** - used for various functions when navigating in menus.
 16. **🎵** - displays list of favorite channels
 17. **★** - (function is similar to function of the Yellow button) - used for a select of audio language
 18. **📺** - displays teletext.
 19. **📺** - used to display teletext information on the TV screen.
 20. **🔴** - used for quick recording of TV and radio broadcasts.
 21. **▶▶** - used to play or pause a recorded program.
 22. **■** - used to stop recording or playback.
 23. **▶▶▶** - used to fast forward.
 24. **LED indicator** - serves to indicate various operating modes .
- Programmable buttons:**
25. **◀ ▶** – volume control buttons.
 26. **▼ ▲** – channel switching buttons.
 27. **🔌** – TV power button
 28. **🔇** – mute button
 29. **⚙️** – learning button

Instructions RCU

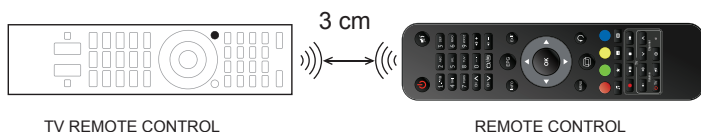
How to use the learning function in the control remote

Step 1: Press and hold the the 29 () button for 3 seconds until the red LED indicator lights continuously, at which time the set-top box remote control enters the learning mode.



Step 2: After a few seconds, press the button for the "TV" area you want to learn. The remote control will go into standby mode, waiting for a signal to be received to learn.

Step 3: Place the TV remote control and the remote control facing each other at a distance of about 3 centimeters.



Step 4: Click on the TV remote control the button you want to teach. The indicator light will blink three times and then turn on continuously. To learn the rest of the buttons in the "TV" area, you must repeat steps 2, 3, 4.

Step 5: After finishing the training of all the buttons on the "TV" area, press the 29 () button. The indicator light should go off. The training was completed successfully.



Initial Setup

When you turn on the receiver for the first time, you need to select the menu language, the time zone, TV picture format, and antenna power.

Image format: Use this option to select the aspect ratio at TV.

Antenna power: Set to On if you are using an active one antenna. When set to "On", on the ANT IN jack of the receiver will be 5V. Use "Off" for passive antennas (antennas that have self-powered) or when you are connected to a home distribution system.

To confirm the settings and start the channel search, select "search program" and press the  key.

FCC Warning

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.

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.

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 and your body.

Initial Setup

After search completed, you will see a list of the found channels. Using ▲ and ▼, select a channel and press ○, to start watching the program.

How to set up channels after the initial setup

Step 1: Press the ○ button on the RCU. Using ◀ and ▶ buttons select "Search". In this menu, select Auto or Manual Search.

Step 2: Auto search will set scanning of all frequencies and modulations. Manual search requires the introduction of data of Frequency, Symbol rate and QAM.

Step 3: After completion of search, use ▲ and ▼ RCU buttons to select the channel and press ○ to begin watching the program.

Main Menu

To enter the main menu press the  button on the RCU. You can navigate through menus using ▲ and ▼ on the RCU, press  to enter the selected item.

Attention! Some menu options require input a parental password. The default password is «0000».

The main menu consists of:

- EPG menu
- Channel edit menu
- Irdeto CA Status
- Installation menu
- Personal settings menu
- PVR menu
- Media Play Menu

Troubleshooting

There can be many reasons why your receiver does not work properly. If the receiver does not work as expected, check the instructions below. If the receiver still does not work properly after checking, contact your service provider. Do not open the receiver cover. Opening will void the warranty and repairs within the warranty period will be denied.

Problem	Potential Reasons	What to do
Standby indicator does not light	The power cord is not plugged into an outlet.	Check the connections between the receiver and the mains.
	The receiver is connected to the mains by an extension cord and the power is off.	Turn on the switch on the extension cord.
No signal	The antenna is not connected.	Connect the antenna cable.
	The antenna is damaged / misaligned.	Check the antenna and its position.
	The cable between the antenna and the receiver is damaged. Possible poor connections in the cable system.	Make sure the cable is in good condition. Check connections.
	You are out of range of a digital signal.	Contact your service provider
	The antenna requires switching on the source power supply.	Set the antenna power to "On". For details, see Program Search-> Antenna Power
There is no picture or sound on the TV	There is no picture or sound on the TV.	HDMI / SCART / AV is not selected on your TV or receiver or the receiver is set to a higher resolution than it supports TV.
	The TV is not turned on.	Turn on the TV.
	The connections are not made correctly. Poor quality of connected cables	Make sure the connections are correct. Check the quality of the cable. Reconnect all cables between the receiver and the TV.
The image is of poorer quality, noise or audio appears and the video occasionally disappears	Weak signal due to bad weather.	You may need to reset the antenna for good signal reception.
	The antenna is damaged or covered with ice. The cable between the antenna and the receiver is damaged.	Check the antenna and cable for damage.
	The internal antenna has been moved from a good position and no longer provides the necessary signal strength.	Place the antenna in a better position. Check the signal strength and quality.
The message "No rights" or "Pay TV channel".	The program is encrypted.	You have switched to a program that is not part of your subscription or you have not waited long enough for your subscription program to open. If the problem persists, contact your service provider for assistance.

Troubleshooting

Problem	Potential Reasons	What to do
The receiver cannot be operated with the remote control	The batteries are empty / incorrectly inserted. The receiver is unplugged or turned off.	Replace the batteries / check that the poles are installed correctly. Connect the receiver to the mains / switch it on.
	The remote control is not pointed correctly. The infrared sensor is shielded.	Point the remote at the front panel receiver. Check for obstacles or other possible impacts.
	The infrared sensor is covered by an object (an obstacle between the remote control and the receiver).	Remove any obstacles between the remote control and the receiver.
	The receiver is turned off.	Turn on the receiver.
Forgot your password		Contact your service provider / customer service.
The receiver turns off automatically.	The auto power off function is on.	Turn off / adjust the auto power off function.
The USB device is not working properly	Improperly formatted USB device. An oversized USB device is connected.	Format the USB device in the receiver menu. Detection of higher capacity USB devices, with multiple partitions, it can take longer.
Recording is not possible	Some programs have protected content or other restrictions, so there is a restriction on recording content.	Legal restrictions for audio and video content are set by law.

TOrigin TIP