

# MINI 3 IPTV Set-top Box

Detailed user manual download  
from [www.antiktech.com](http://www.antiktech.com)



1Gbit  
NETWORK  
DVB S/S2  
DVB T/T2  
DVB C



**Dolby Digital:**

*Manufactured under license from Dolby Laboratories.*

*Dolby and the double-D symbol are trademarks of Dolby Laboratories.*



**HDMI:**

*Transferring uncompressed video data and compressed or uncompressed digital audio data from a HDMI-compliant source device.*



**MPEG2:**

*Audio and video compression and transmission.*

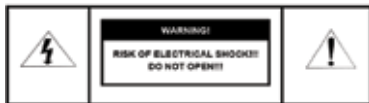
**Note:**

*Set-top Box 's firmware is subject of ongoing software development therefore not all the functionalities described in the manual respond to the current status.*

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## IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS



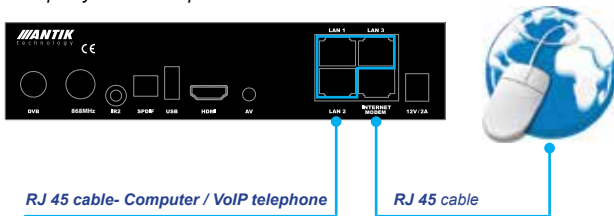
*WARNING! To reduce the risk of fire or electric shock, do not expose the device to rain or moisture.*

- *Read these instructions carefully!*
- *Follow these instructions!*
- *Mind all the warnings!*

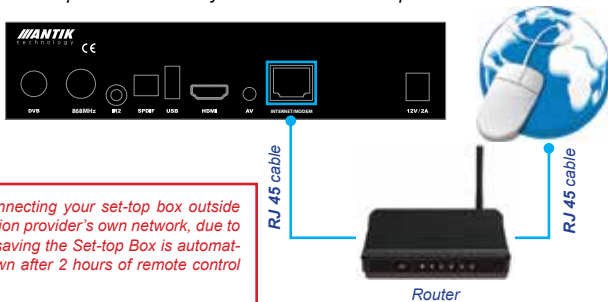
- Do not remove device covers as this may result in personal injury or mechanical damage. There are no user serviceable parts inside
- Position the cables so that they cannot be walked on or pinched by items placed on or against them
- Use only power cables provided in the box.
- Make sure that the voltage of your electricity supply is the same as that indicated on the rear of your set-top box
- Do not place it on soft or slippery surface.
- Do not place any objects on top of the set-top box or near it.
- Do not block any ventilation openings.
- Put the device in a properly ventilated area, away from direct sunlight or any source of heat.
- Do not install it near any electrical device.
- Do not expose the device to influence of magnetic field
- Protect it from chemicals, dust and humid environment.
- Unplug this set-top box during lightning storms
- Clean only with dry cloth while set-top box is powered off
- Do not use any detergent to clean it.
- Keep it away from the rooms with high humidity.
- Use only certified remote control batteries.
- Under any circumstances do not dispose of this product with your normal household waste.
- Refer all servicing to qualified service personnel only at your provider
- Your provider will not accept liability for any damage caused by not following these safety instructions and warnings

## CONNECTING OF SET-TOP BOX TO YOUR LOCAL NETWORK

1. Connect a set-top in your service provider's own network.



2. Connect your set-top box **outside** of your television service provider's own network.



*In case of connecting your set-top box outside of your television provider's own network, due to internet data saving the Set-top Box is automatically shut down after 2 hours of remote control inactivity.*



*Number of RJ45 connectors on the back panel depends on the version of Mini 3 Set-top Box.*

## CONNECTING OF SET-TOP BOX TO SATELLITE SET

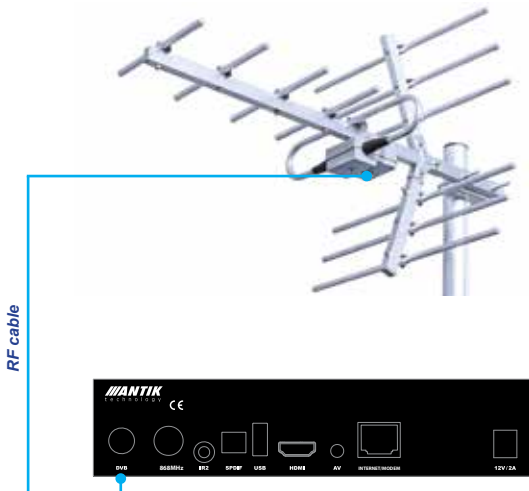
How to connect a STB with **satellite set** to receive satellite broadcast.



*RF cable with F connector*

## CONNECTING OF SET-TOP BOX TO TERRESTRIAL ANTENNA

How to connect a STB with **terrestrial antenna** to receive DVB-T/T2 broadcast.



*RF cable with F connector*

# CONNECTING OF SET-TOP BOX TO YOUR Wi-Fi NETWORK

\*Wifi available only on selected models. Possibility of adding external Wifi antenna.

1. *Place your Set-Top Box within the reach of wireless network*
2. *Connect Set-Top Box to wireless network*
3. *Use the following steps to set the connection in Menu:*

*Settings > Wifi > Scan AP > Select AP > Insert password > Connection*

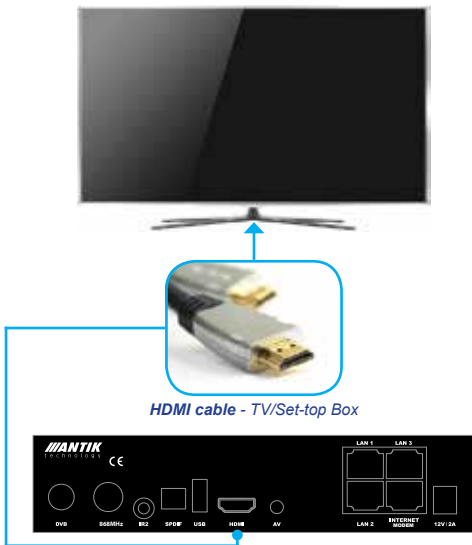


*The recommended wireless network signal strength for stable service functionality over a wireless network is at least 80%.*



## CONNECTING OF SET-TOP BOX TO A TELEVISION

Connecting to a Television by a **HDMI** cable.



**HDMI cable - TV/Set-top Box**

Using this type of connection set in Menu:

1. *Settings / TV Outputs / Type of connection – HDMI / HD resolution – 1080i, 720p or 576i (480i for NTSC) depending on type of TV.*
2. *Confirm it by pressing the Use button. Set-top box will restart.*

## CONNECTING OF SET-TOP BOX TO A TELEVISION USING ANALOGUE AV CABLE

Connecting to a Television by a AV adaptor cable.



AV cable



AV cable adapter



## CONTROLLING OF SET-TOP BOX BY IR2

Controlling a STB by a IR2 sensor, if STB is hidden ( e.g. in furniture).



IR2 sensor  
- to be placed in visible area



IR2 cable (1,2m) - connected to Set-top Box



## CONNECTING OF SET-TO BOX TO THE MAINS SUPPLY

After connecting of a Set-top box to a Television or PC screen by one of the mentioned options, plug the set-top box into the mains supply.

In order to put Set-top box into standby mode use standby button on remote control. Do not unplug the Set-top box from the mains supply.



12V DC 2A



## IDENTIFICATION OF PARTS

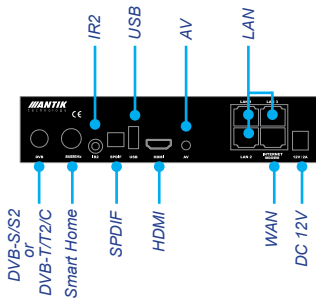
### Front panel



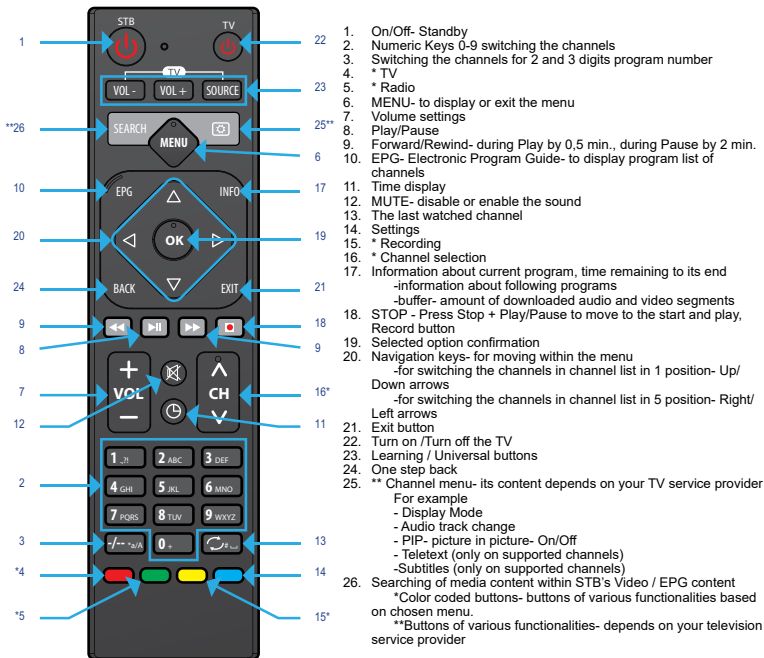
IR sensor

LED  
standby  
controller

### Back panel



## THE REMOTE CONTROL (RC) FUNCTIONALITY



\*Remote control can vary according to actual remote control offer

## THE REMOTE CONTROL (RC) FUNCTIONALITY

### -Learning / universal buttons- settings



**Step 1** – Put 2 Remote Controls IR facing in 1 cm.

**Step 2** – Keep pressing Standby TV and OK buttons together until LED keeps on.

**Step 3** – Press Set-top Box RC Standby TV button and then press TV RC Standby button. Repeat with other buttons.

**Step 4** – After finishing step 3, press OK to save these settings.

## MAIN MENU

*Move through the Main Menu to the left or to the right by using direction arrows on remote control.*



## OTHER OPTIONAL SET-TOP BOX FEATURES

*Detailed user manual on [www.antiktech.com](http://www.antiktech.com)*



*Archive- Archive by genre*



*Media player (music, pictures, movies)*



Multi EPG



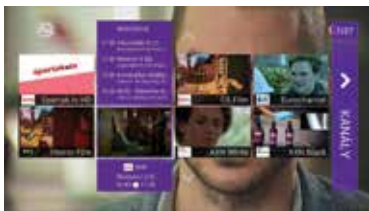
Youtube



Weather



Video on Demand



Mosaic



Internet Browser

Other optional features of Set-top Box depends on the actual STB firmware development.

## CHANNEL BROWSING

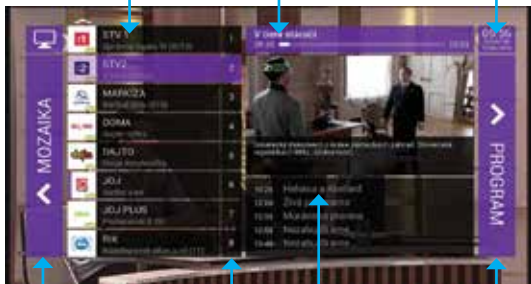
Move by 1 channel a time using **up and down** arrows on remote control.

Move by 8 channels by using **CH ^** a **CH v**

The name of the program service

EPG Electronic Program Guide (for selected channels)

Current time



Use the **left arrow** button on RC to move to **Mosaic**

The numerical position of the channel in the list

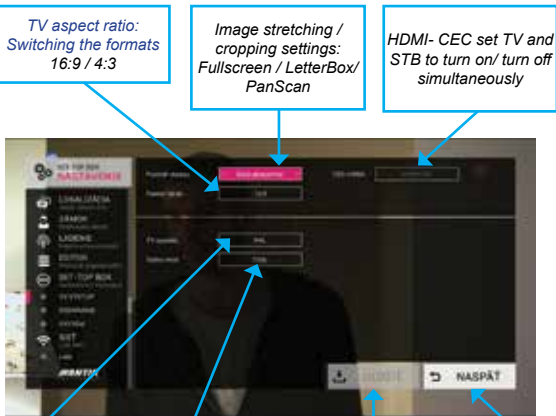
Following program

Use the **right arrow** button on RC to move to **Multi EPG**



## SETTINGS - TV OUTPUTS

Use right arrow to enter the right side of Settings. Use Menu button to return to the left side of Settings.



*TV aspect ratio:  
Switching the formats  
16:9 / 4:3*

*Image stretching /  
cropping settings:  
Fullscreen / LetterBox/  
PanScan*

*HDMI-CEC set TV and  
STB to turn on / turn off  
simultaneously*

*Broadcast system  
PAL / NTSC*

*When Type of con-  
nection is HDMI or  
DVI monitor or \*YPbPr  
you may choose HD  
resolution  
1080i / 720p / 576i -  
(480i for NTSC).*

*Confirming of the  
selected choice. Set-top  
box will restart.*

*Return to the  
left side of Settings*

## FREQUENTLY ASKED QUESTIONS (FAQ)

*Before you contact your provider regarding any troubles with your set-top box, check these Frequently Asked Questions. You might find your answer right here.*

### **PROBLEM**

### **POSSIBLE SOLUTION**

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Picture on the screen is OK but there is no sound

- double check Menu/Settings/TV Outputs – if all selected options are in compliance with connection of set-top box to your TV (depending on type of your TV)
- check the connection of AV cable (if you are connected via AV cable or AV cable adaptor)
- volume is down or MUTE button on remote control of set-top box or TV is pressed

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No picture

- incorrect setting of TV Outputs on your TV (depending on type of your TV)

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Channel list is empty

- channel list is downloaded automatically once per 24 hours or by unplugging of set-top box from mains lead and plugging it in straight after
- double check if set-top box is connected to internet network

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No response to remote control

- no remote control batteries in or remote control batteries exhausted
- front panel obstructed

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Picture freezes

- try to switch to another channel or restart set-top box by unplugging / plugging in from/to mains lead or insufficient internet bandwidth

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Square blocks picture

- check if internet cable was not for some reason interrupted or damaged
- restart set-top box

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Quality of Picture is not satisfactory

- check if Menu/Settings/TV Outputs are correctly set (depending on type of your TV)

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Everything seems to be set correctly, but there are no channels in Channel list

- it could be causing by connection of a router between set-top box and internet cable – restart router and set-top box at the same time
- check if diode on WAN port is lit (if it is not, disconnect/connect internet cable)

## TECHNICAL SPECIFICATION

<b>Dimensions:</b>	183 x 137 x 47 (mm)
<b>Power Supply:</b>	12V/2A (external power supply adaptor 100-240V, 50/60Hz)
<b>Connectors:</b>	HDMI 2.0a AV connector (CVBS, L+R audio) TOSLINK (S/PDIF digital optical audio output) antenna RF input (optional)
<b>Hardware:</b>	CPU: HiSilicon Hi3798CV200 4xCortex A53 (15000 DMIPS) GPU: MALI - T720 DRAM: 2GB (DDR3 - 1866) Flash: eMMC 8GB Embedded Wi-Fi 802.11 a/b/g/n/ac (2.4/5GHz, 2x2, 867M) (Only on selected models.) 1xRJ45 / 4xRJ45 (10/100/1000M) VLAN supported DVB-T/T2/C tuner DVB-S/S2 tuner (Tuners available only on selected models.) 1xUSB 3.0 (back panel) + 1xUSB 2.0 (side panel) external IR sensor Modem
<b>Video:</b>	MPEG-1/2, MPEG-4 part 2 (DivX, XviD) 4kp60 10-bit HEVC, 4kp30 8-bit VP9 H.264 (AVC) VC-1 (WMV9) Flash (VP6, Sorenson)
<b>Audio:</b>	MPEG-1/2 (layer I/II) MP3 Dolby Digital (AC-3) AAC (HE-AAC v2 Profile) FLAC Vorbis
<b>Operating system:</b>	Linux
<b>Accessories:</b>	Remote control, AV Cable adaptor, Power supply adaptor, HDMI cable, Batteries, Manual, IR 2 extended cable (only on selected models)

*To save up internet datas, Set-top box switches off automatically after 2 hours of remote control inactivity. Number of RJ45 connectors on back panel depends on STB version.*

