IPTV Set-top Box

Detailed user manual download from
www.antiktech.com
**Dolby Digital:**
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**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.
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.
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CONNECTING OF SET-TOP BOX TO YOUR LOCAL NETWORK

Connecting of Set-Top Box to local network.
CONNECTING OF SET-TOP BOX TO YOUR Wi-Fi NETWORK

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
CONNECTING OF SET-TOP BOX TO A TELEVISION

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

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**.

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

**AV cable**
- **AV cable adapter**

**IR2 cable (1,2m)** - connected to Set-top Box
CONNECTING OF SET-TOP 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.

IDENTIFICATION OF PARTS

Front panel

Back panel
THE REMOTE CONTROL (RC)*

* Remote control design can vary according to actual remote control offer.
## BUTTONS DESCRIPTIONS

1. **On/Off - StandBy**: to set the device to StandBy mode. To switch to device on again, press StandBy once again.
2. **Numeric keys 0 – 9**: switching the channels, inserting the signs.
3. **Switching the channels for 2 and 3 digits program number**
4. **TV**
5. **Radio**
6. **MENU**: to display or exit from the menu
7. **Volume**: to adjust the sound level
8. **Play / Pause - video keys**: to control video on demand movies or recorded sequences
9. **Forward / Rewind - video keys**: to control video on demand movies or recorded sequences
10. **EPG - electronic program guide**: to display program list of channels
11. **Time display**
12. **MUTE**: to disable or enable the sound
13. **The last watched channel**
14. **Settings**
15. **Recording**: quick entry to recording menu
16. **Channel selection**: use this buttons to access the next or previous channel
17. **Information about current program**
   - **information about following programs**
   - **buffer - amount of downloaded audio and video segments***
18. **STOP**: video key - to control video on demand movies or recorded sequences, Record button
19. **Selected option confirmation**
20. **Navigation keys**: for moving within the menu
   - for switching the channels in channel list in one position - Up/Down arrows
   - for switching the channel in channel list in five positions - Left/Right arrows
21. **Exit button**
22. **Timer**: sleep functionality
23. **One step back**
24. **Mosaic**
25. **Video content**
26. **Internet browser launching**
27. **Favourites or stream profile selection (***)**
28. **Channel menu - its content depends on your television service provider.**
   For example:
   - **Display mode**
     - **Audio track change**
     - **PIP – picture in picture - On/Off**
     - **Teletext (only on supported channels)**
     - **Subtitles (only on supported channels)**
29. **Searching of media content within stb’s Video & EPG content**
30. **Smart Home Energy button**

* Colour coded buttons - buttons of various functionalities based on chosen menu.
** Buttons of various functionalities - depends on your television service provider.
FREQUENTLY ASKED QUESTIONS (FAQ)

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

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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 |
| No picture                                   | • incorrect setting of TV Outputs on set-top box. Use front panel of set-top box to correct it.  
  • incorrect setting of TV Outputs on your TV (depending on type of your TV) |
| 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 |
| No response to remote control                | • no remote control batteries in or remote control batteries exhausted  
  • front panel obstructed |
| Picture freezes                              | • try to switch to another channel or restart set-top box by unplugging / plugging in from/to mains lead or unsufficient internet bandwidth |
| Square blocks picture                        | • check if internet cable was not for some reason interrupted or damaged  
  • restart set-top box |
| Quality of Picture is not satisfactory       | • check if Menu/Settings/TV Outputs are correctly set (depending on type of your TV) |
| 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) |
**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

- **Broadcast system**
  - PAL / NTSC

- **Single – connecting of 1st TV set. Single+PIP – connecting of 1st TV set+PIP functionality**

Various types of connections of set-top box to TV.
- HDMI / DVI monitor / *YPbPr
* only via adapter

When Type of connection 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.
OTHER OPTIONAL SET-TOP BOX FEATURES.

Detailed user manual on www.antiktech.com

Archive – Archive by genres

Multi EPG

Media Player (music, pictures, movies)

BitTorrent (music, pictures, movies)

Personal Video Recorder

Internet Browser
Weather

Pause TV / Start-over TV

Video On Demand

Mosaic

Hotel IPTV

Music On Demand
### TECHNICAL SPECIFICATION

| **Dimensions:** | 205 x 135 x 40 (mm) |
| **Power Supply:** | 12V/2A (external power supply adapter 100-240V, 50/60Hz) |
| **Connectors:** | HDMI 1.4b  
AV connector (CVBS, L+R audio)  
TOSLINK (S/PDIF digital optical audio output)  
1x, 2x or 4x RJ45 (Ethernet 10/100baseT)  
USB 2.0  
external IR sensor  
antenna RF input (optional) |
| **Hardware:** | CPU: STiH207/STiH254  
DRAM: 512MB DDR3  
Flash: 512MB  
Embedded Wi-Fi (802.11 b/g/n)  
4-port 10/100 Ethernet switch (VLAN supported)  
DVB-T/T2/C tuner (optional) |
| **Video:** | MPEG-1/2  
H.264 (AVC)  
VC-1 (WMV9)  
MPEG-4 part 2 (DivX, XviD)  
Flash (VP6, Sorenson) |
| **Audio:** | MPEG-1/2 (layer I/II)  
MP3  
Dolby Digital (AC-3)  
AAC (HE-AAC v2 Profile)  
FLAC  
Vorbis |
| **Operating System:** | Linux |
| **Accessories:** | Remote control, AV Cable adaptor, Power supply adaptor, HDMI cable, Batteries, Manual, IR 2 extended cable (only on selected models) |

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