IPTV Set-top Box

Detailed user manual download from
www.antiktech.com

DOLBY DIGITAL

Dolby Digital:
Manufactured under license from Dolby Laboratories.
Dolby and the double-D symbol are trademarks of Dolby Laboratories.

HDMI

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

MPEG2

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 respont to the current status.

IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS

WARNING!

**RISK OF ELECTRICAL SHOCK!!!
DO NOT OPEN!!!**
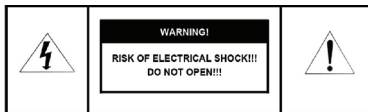
WARNING! To reduce the risk of fire or electric shock, do not expose the device to rain or moisture.

- 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

CONTENT

CONNECTING OF SET-TOP BOX TO YOUR LOCAL NETWORK

Connecting of Set-Top Box to local network.

Internet

RJ 45 *cable*

Router

RJ 45 *cable*

IR2 SPDIF USB HDMI AV   4   3   2   1   12V
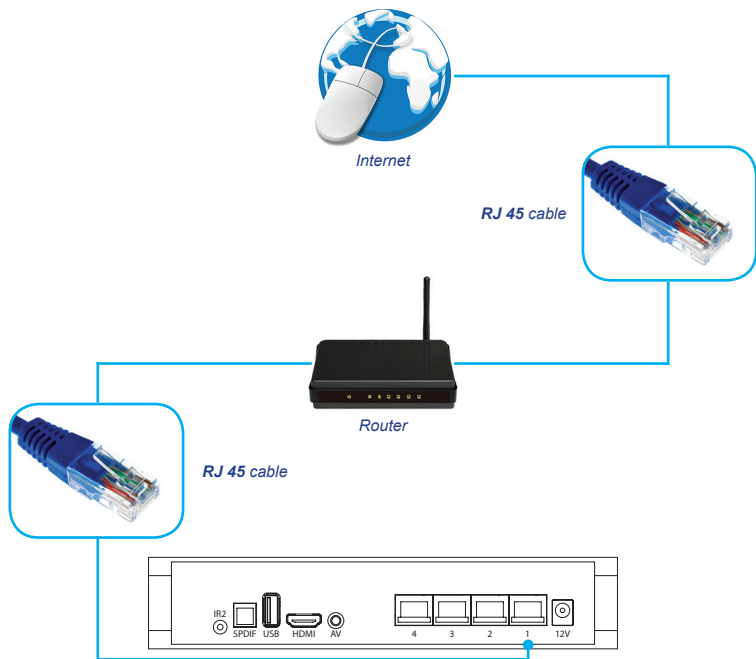
# CONNECTING OF SET-TOP BOX TO YOUR Wi-Fi NETWORK

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

Internet

RJ 45 cable

Router
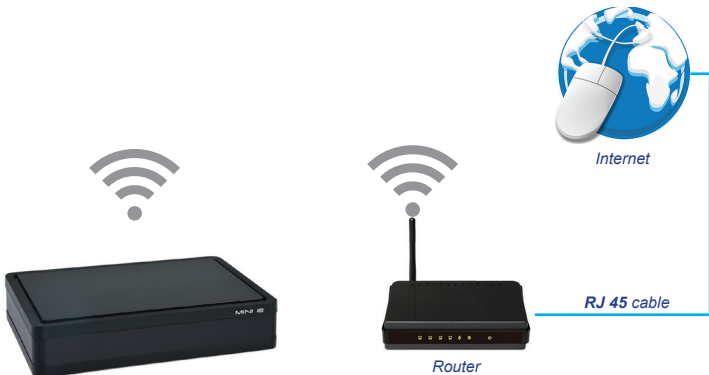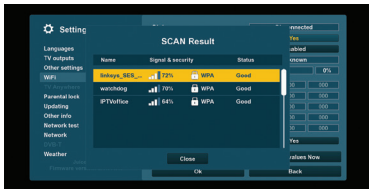
CONNECTING OF SET-TOP BOX TO A TELEVISION

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

***HDMI cable** - TV/Set-top Box*
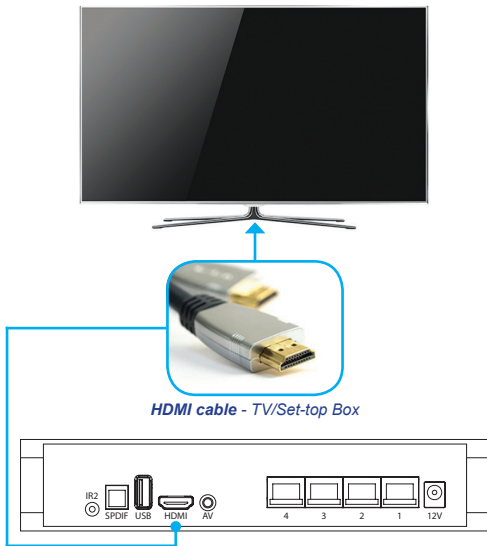
Using this type of connection set in Menu:

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
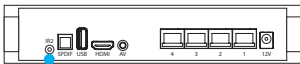
CONTROLING OF SET-TOP BOX BY IR2

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

IR2 sensor
- to be placed in visible area

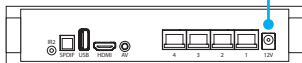**IR2 cable** *(1,2m) - connected to Set-top Box*

CONNECTING OF SET-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.
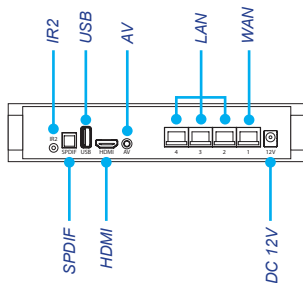

12V DC 2A

IDENTIFICATION OF PARTS
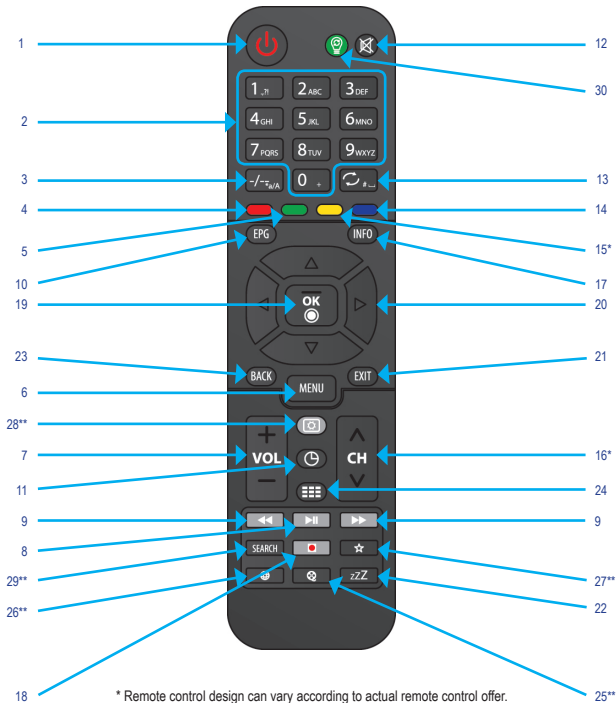
Front panel

IR sensor   LED standby controler

Back panel

IR2   USB   AV   LAN   WAN

SPDIF   HDMI   DC 12V

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 controll 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.

TROUBLE	*HELP AND ADVICE*
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

⚙ Settings

Languages	
TV outputs	
Other settings	
WiFi	
TV Anywhere	
Parental lock	
Updating	
Other info	
Network test	
Network	
DVB-T	
Weather	

Jolly Mini
Firmware version: 2.9.16 ATK

TV System — PAL
Mode Setting — SINGLE

TV
TV aspect ratio
16:9

Type of Connections
HDMI

HD resolution
720p

WARNING !!!
Device must be restarted to apply the required changes by pressing the Use button.

Use   Back

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

*When Type of connection is HDMI or DVI monitor or *YPbPr you may choose HD resolution 1080i / 720p / 576i - (480i for NTSC).*
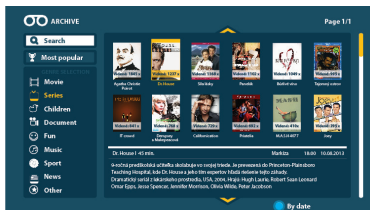
Confirming of the selected choice. Set-top box will restart.

Return to the left side of Settings

* only via adapter

- 13 -

OTHER OPTIONAL SET-TOP BOX FEATURES.
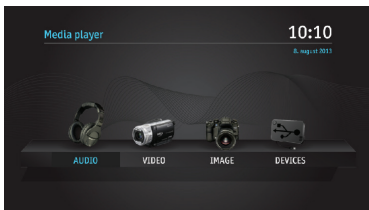
Detailed user manual on **www.antiktech.com**

Archive – Archive by genres

Media Player (music, pictures, movies)

Multi EPG

BitTorrent (music, pictures, movies)

Personal Video Recorder

Internet Browser

Weather

Video On Demand

Mosaic

Hotel IPTV

Pause TV / Start-over TV

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 10/100baseTx) 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
Accesoriess:	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.