



User Guide



Nayatel (Pvt) Ltd.
HDBox

HDBOX SETUP & USER GUIDE

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WELCOME TO NAYATEL HD EXPERIENCE

The HDBox is the next generation media player, delivers the ultimate home entertainment experience that will transform your TV viewing style. It seamlessly connects you to all the stuff you love –favorite TV, movies, Youtube™ and home media –on your very own TV screen. The HDBox provides leading edge functionality for interactive TV which includes HD channels broadcast and iVOD; video on demand service.

Features

- Video Resolution: 480i, 480p, 720p, 720i, 1080i & 1080p
- Streams Live Digital channels including HD Channels
- Full access to video on demand content
- Browse and watch YouTube™ videos by category.
- SD Card support
- Integral HDD mount support
- Record favorite TV shows on your HDD.
- Supported TV Standards: PAL & NTSC
- USB 2.0 support (play media files directly from USB flash and USB HDD)

Connectivity

- 1 x HDMI, Analog RCA video/stereo audio
- 1 x Ethernet 10/100BASE-T
- 1 X USB 2.0 port
- 1 x MicroSD port



EQUIPMENT

You need following items to setup HDBox:



Set Top Box



Remote



AC Adaptor



Audio/Video Cable

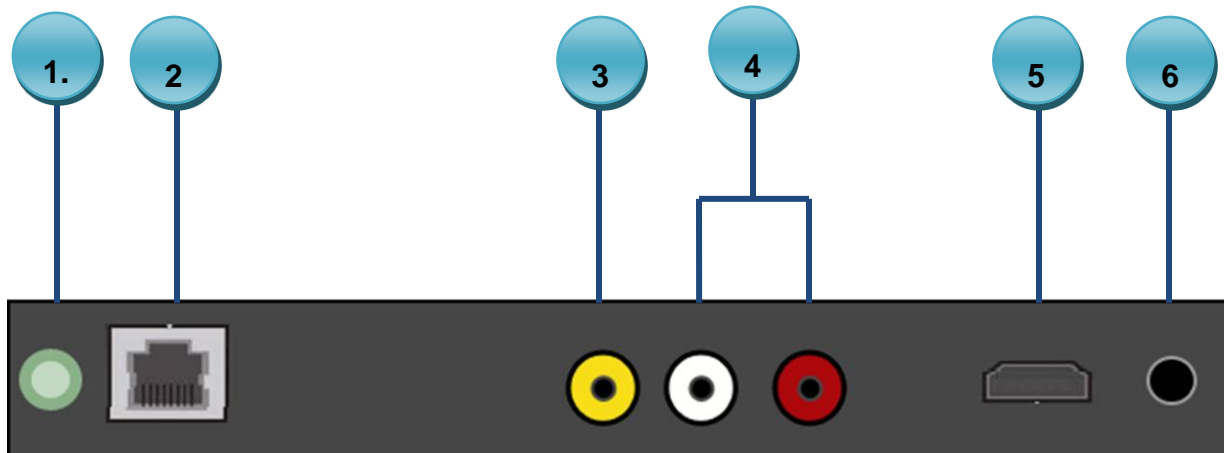


Ethernet Cable



HDMI Cable (Not included in standard package)

Rear Panel



- 1. External IR Input
- 2. Ethernet
- 3. Video
- 4. Audio
- 5. HDMI
- 6. AC Adaptor

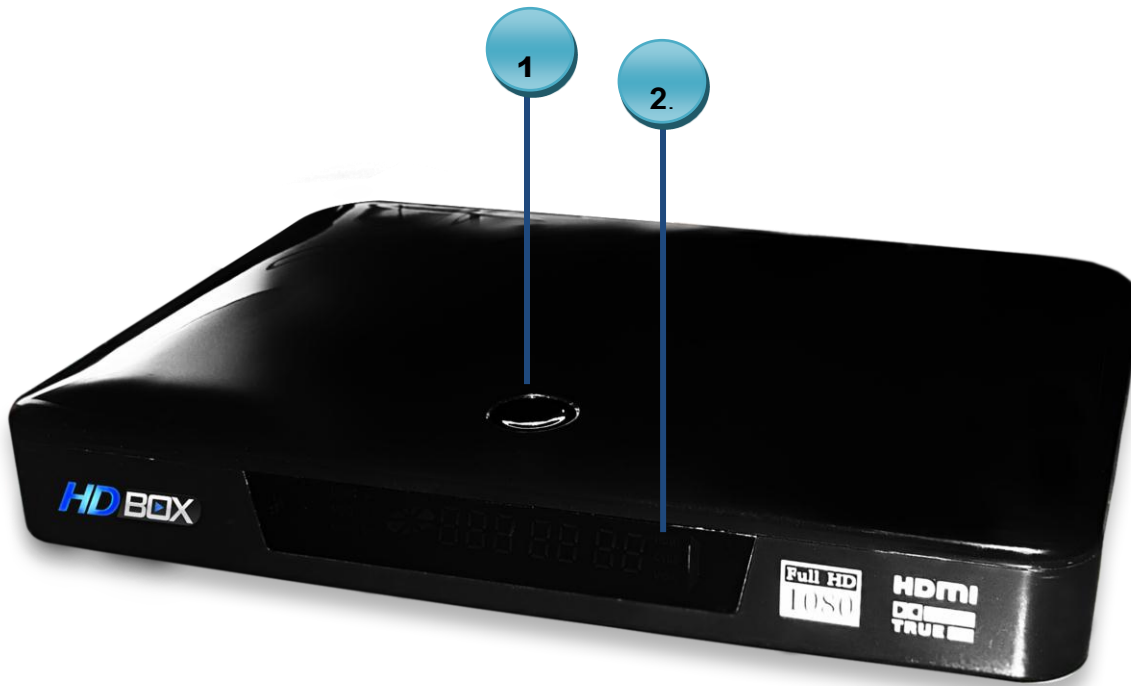
Left Panel



Right Panel



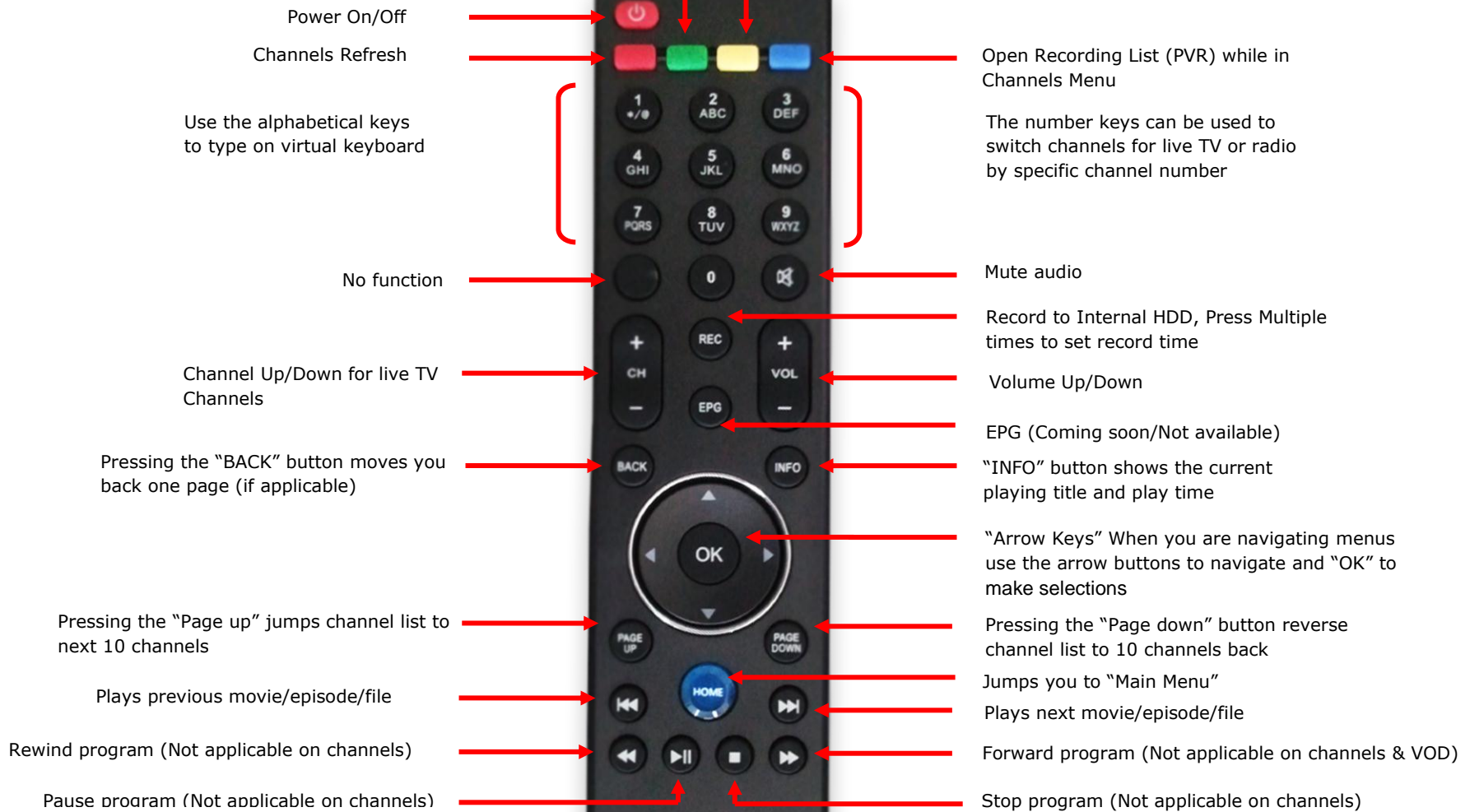
THE HD BOX FRONT PANEL

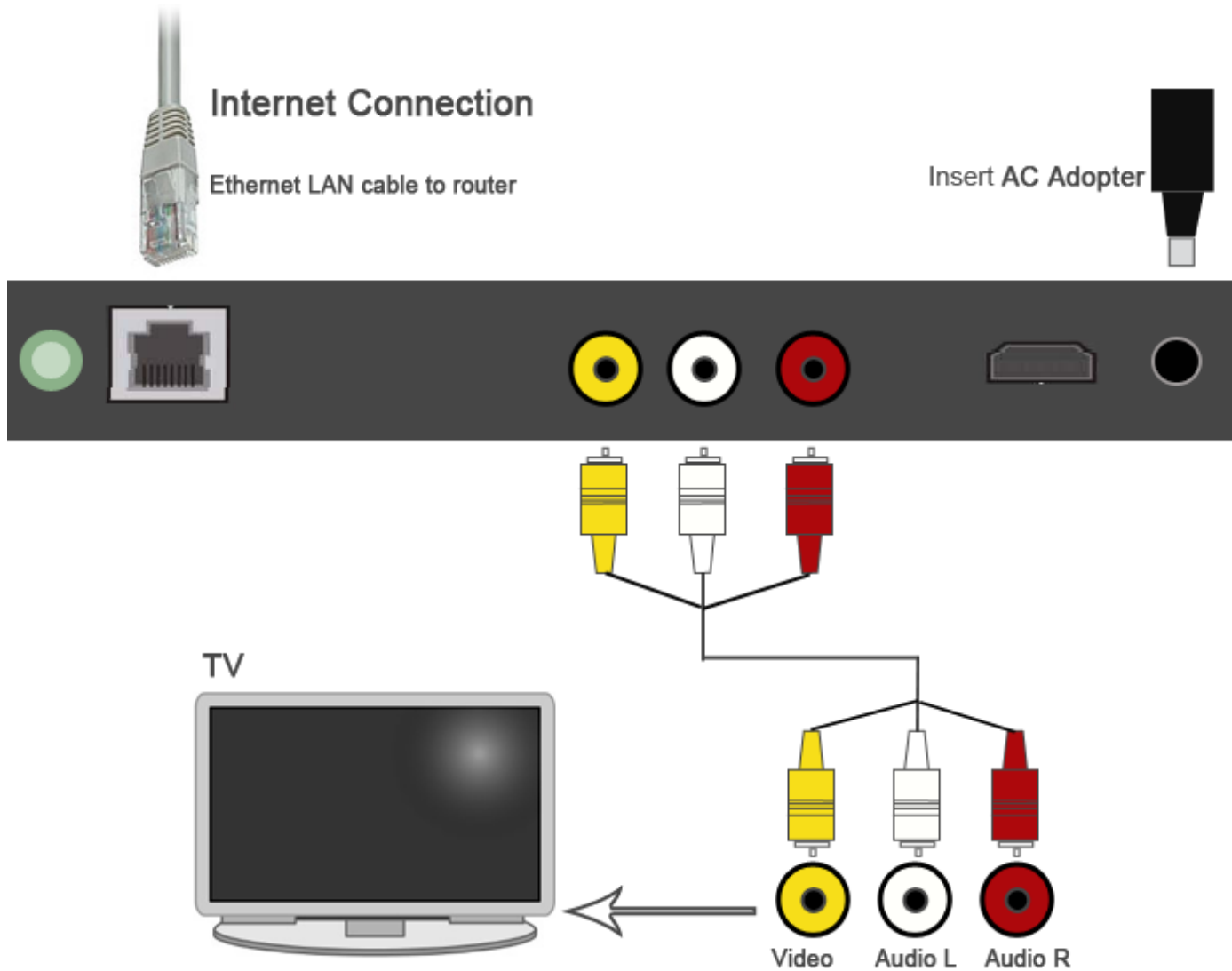


1. Power On/Off button
 - (a) Red light indicates standby state
 - (b) Blue light indicates on state
2. Display

THE REMOTE

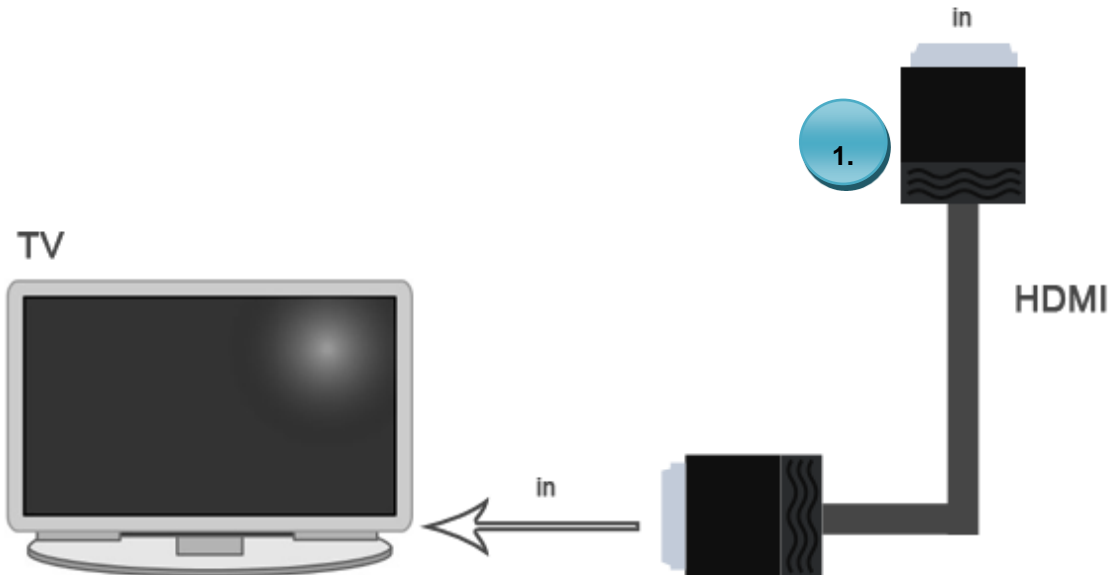
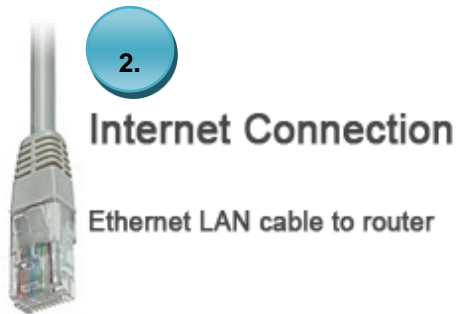
Delete Item/s Sort channels





Instructions

1. Plug the included audio cables (white, red) cables to the back of your HDBox. White cable plugs to white outlet. Red cable plugs to red outlet. Then connect the other ends to your TV's "AUDIO LINE IN", making sure to match the cable colors to the same cable colored outlets on Audio Line In.
2. Plug the included yellow Video cable to your HDBox. Yellow cable plugs to the yellow outlet. Then connect the other end to your TV's "VIDEO LINE IN" yellow outlet.
3. Plug the included Ethernet network cable to "LAN" on your HDBox. Then connect the other end to your Internet router.
4. Connect the power cable to a power outlet. Use the remote control to power on and off.
5. Follow the "Settings Guide" to adjust screen resolution.



Instructions

1. Plug the HDMI to the back of your HDBox in HDMI Port. Then connect the other end to your TV's HDMI Port.
2. Plug the included Ethernet network cable to "LAN" on your HDBox. Then connect the other end to your Internet router.
3. Connect the power cable to a power outlet. Use the remote control to power on and off.
4. Follow the "Settings Guide" to adjust screen resolution.

STEP 1: CONNECTING TO THE INTERNET



Make sure that Ethernet cable is properly connected into the HDBOX.

Press “Power” key to turn on your HDBOX.

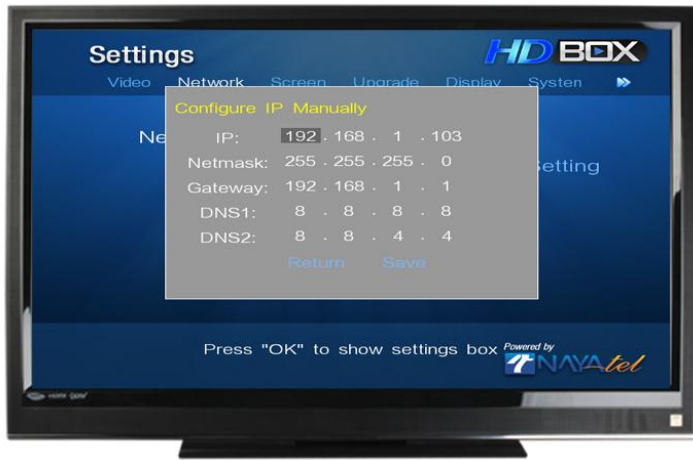
The HDBOX will automatically configure your IP using DHCP on startup.

If settings fail the popup will appear on screen which will ask you to “Retry”, “Enter Main Menu” and “Configure IP Manually”.

Move your selection to “Configure IP Manually” and press “OK” key on remote .New Popup window will appear which will ask you to enter following values.

1. IP
2. Net mask
3. Gateway
4. DNS1
5. DNS2

These values will be provided to you by Nayatel. Use numeric keys on remote to enter values and move selection to “Save”. Press “Ok” key over “Save” to save settings.



You can configure your IP settings any time by moving your selection and Pressing “OK” key over “Settings” icon in HDBOX “Main Menu”. Press “arrow keys” to navigate in “Network” tab.

Press “OK” on “Switch” tab and move your selection over “Setting” using arrow keys. Press “Ok” over “setting” it will show “Configure IP Manually” box

Edit values using numeric keys on remote and move your selection to “Save”. Press “OK” to save settings

The HDBOX will now use static IP

Press “Back” Key to go to previous screen

STEP 2: CONFIGURING SETTINGS



VIDEO SETTINGS

After successful internet connection you need to configure video settings once.

Go to "Settings" menu. Press "OK" on "Video" tab.

CVBS CONNECTION

If you have connected your HDBox with TV through Audio/Video cable (CVBS) than you need to close HDMI for better view. To do this, move your selection to "close" beside HDMI heading and Press "OK".

If you cannot able to see proper colors or resolution, don't worry you'll need to select your TV standard. Press "OK" over "CVBS" and select your TV standard from the list. Normally "PAL BG" is default standard in Asia Region. However, you can try other standards as well. If unsure consult your TV documentation.

HDMI CONNECTION

If you have connected your HDBox with HDMI cable than make sure HDMI connection is "Open". Move your selection to "Open" beside HDMI and Press "OK" to save settings.

Press "Back" key to exit

STEP 2: CONFIGURING SETTINGS



SCREEN SETTINGS

In "Screen" tab under "Settings" menu, you can adjust screen aspects. Move your selection to Zoom, Vertical or Transversal and Press "OK".

Use arrow keys to adjust screen settings



DISPLAY SETTINGS

In "Display" tab under "Settings" menu, you can adjust brightness and contrast of HDBox.

Move your selection to "brightness" or "contract" and Press "OK"

Use left & right arrow keys to adjust

STEP 2: CONFIGURING SETTINGS



TIME ZONE SETTINGS

In "Time Zone" tab under "Settings" menu, you need to select time zone of Pakistan.

Use arrows to make selection of "GMT +5 Islamabad, Karachi, Tashkent". Press "OK" to save settings.

Press "Back" key to exit

STEP 3: START WATCHING MEDIA



THE MAIN MENU

The “Main Menu” is the first screen you will see when you start the HDBox. You can access it at any time by pressing the “Home” key on your remote. To navigate use the left and right arrow keys on the remote and then press “OK” to select. Main menu contains following items.

Channels – Watch live digital and HD channels

iVOD – Watch your favorite movies collection on iVOD

Series – Watch your favorite English drama seasons on iVOD

Youtube – Watch videos on Youtube

Local Files – Watch media files by connecting USB Flash or HDD.

Settings – Configure settings of your HDBox



CHANNELS

You can go to “Channels” section by pressing “OK” key over channels icon in main menu.

To watch specific channel, move your selection by using arrow keys on the channel you want to watch and press “OK” key. You can watch channels by different categories. To go to specific category, move your selection to category and press “OK”. Default category shows all channels.

You can switch channels using the “CH+” and “CH-” keys. Alternatively, if you know the number for the channel you want to watch, you can enter this using the number keypad on the remote control; then select the “OK” key to switch directly to that channel.

Press red key on remote to refresh channels and yellow key to sort channels.

You can make your favorite channels list by moving your selection to “add favorite” and press “OK”. In “Favorite” tab all your favorite channels will appear and can be watched.



CHANNELS SETTING

You can adjust channels viewing experience by customizing channels setting.

Press “Ok” key while watching channel. This will open channels list. Press “Left Arrow” and this will show you “Setting” menu. You have option to adjust “Mode” of TV screen to full, normal, and linear, “Audio Track” language selection, brightness and contrast adjustment.

Use arrow keys to adjust settings and Press “Ok” to save your desired setting.

STEP 3: START WATCHING MEDIA



IVOD

You can go to “iVOD” section by pressing “OK” key over iVOD icon in main menu.

To watch specific movie, move your selection by using arrow keys on the movie you want to watch and press “OK”.

You can watch movie by different categories. To go to specific category, move your selection to category and press “OK”. Default category shows all iVOD movies.



PLAYBACK CONTROLS

You can forward, rewind, pause and stop movie using remote control keys.

Press “OK” while watching movie. This will show timeline, controls, file information and setting options.

Move your selection using arrow keys on “info” icon and Press “OK”. It will show you current played file’s video and audio information.

You can use on screen controls to forward, stop, pause and normalize. Move your selection using arrow keys over the controls and press “OK” key to set.

Move your selection to settings icon on top right corner and Press “OK” key. This will show “Settings” options while playback. In “Settings” you can customize video, audio and subtitles (subtitles won’t work in iVOD currently).

Move your selection to “Video” using arrow keys. In video settings you can select browse mode to normal, full screen, non linear and custom. Press “OK” over browse mode and set your choices. In custom setting, you can adjust scaling and aspect ratio by using arrow keys. Move your selection to “Save” and Press “OK” key to save settings.

In “Audio” settings you have options to adjust audio volume, audio offset, and audio track selection (if available in multiple languages). Use arrow keys to set these values and move your selection to “Save” and Press “OK” key to save settings.

In “Sub” settings you have options to adjust font size, time offset, vertical move, palette (color) and subtitles selection. Use arrow keys to set these values and move your selection to “Save” and Press “OK” key to save settings.

STEP 3: START WATCHING MEDIA



SERIES

You can go to “Series” section by pressing “OK” key over series icon in main menu.

To watch specific series, move your selection by using arrow keys on the series title you want to watch and press “OK”. New popup will appear, move your selection using arrow keys on the episode you want to watch and press “OK” to play.

You can watch series by different categories. To go to specific category, move your selection to category and press “OK”. Default category shows all channels.



YOUTUBE

You can go to “Youtube” section by pressing “OK” key over Youtube icon in main menu.

The default page shows some random videos on Youtube.

You can search Youtube videos by moving your selection over the search box and press “OK”. The virtual keyboard will appear on the screen (*Please follow instructions below in “The Virtual Keyboard” section to use virtual keyboard*). Enter search query and move selection over the “Search” button and press “OK”. The search results will appear on screen.

Move your selection by using arrow keys over the title you want to watch and press “OK” to play.

You can watch series by different categories. To go to specific category, move your selection to category and press “OK”.

STEP 3: START WATCHING MEDIA



LOCAL FILES

You can play Home media files which include videos, movies, audio and photos.

Connect your USB flash drive or external HDD containing media files into USB port on HDBox side panel.

You can also mount 2.5" SATA HDD into the bottom panel of HDBox.

Go to "Local Files" section by pressing "OK" key over local files icon in main menu.

Next screen shows connected USB/Mounted drives. Move your selection using arrow keys over the drive you want to open and Press "OK". Press "Red" key to refresh folders.

Use arrow keys to browse folders and press "OK" over the file you want to play.

THE VIRTUAL KEYBOARD

When input is required, the virtual keyboard will appear allowing you to enter information via your remote control. The virtual keyboard is an on-screen representation of a keyboard that allows you to select characters via your remote. The following section provides more details on how to use the virtual keyboard.

HOW TO USE THE VIRTUAL KEYBOARD



Use the up, down, left, and right arrow keys on your remote to move around the keyboard and highlight keys. Press "OK" on your remote to select a key to "type".

To move the cursor to different input fields, use the arrow keys on your remote.

To complete and save your input, select the “OK” key on the keyboard. The “OK” key is located in the lower right corner of the keyboard.

To delete a character, use the “< --” key.

To cancel all changes and exit from the virtual keyboard, press the “back” key on remote.

There are more keys available, such as capital letters, numbers and symbols. Press the “SHIFT” button on the remote control to access these keys. Selecting “SHIFT” again, toggles between the two keyboards.

FREQUENTLY ASKED QUESTIONS

GENERAL

Q. My HDbox will not turn on.

A. Make sure the power pin is properly inserted into the back of the HDBox and power button is set to the “ON” position.

Q. I get an “error” screen when I start the box.

A. Your HDBox is not able to access the service provider. This is usually caused by an error establishing a connection to the Internet. Please see “My HDBox is not connecting to the internet” below.

INTERNET CONNECTION

Q. My HDBox is not connecting to the internet.

If your HDBox is not able to connect to the Internet, Make sure you have connected the HDBox to your router which is connected to ONT device and you have configured IP settings properly.

a) Check if other devices connected to the router can access the Internet; for example your PC.

b) Check that all the cables are connected firmly.

IMPORTANT SAFETY

SAFETY INFORMATION

Before getting started, please read the important safety information below.

AC POWER SAFETY WARNINGS

Install the HDBox near an AC outlet. The AC power cord is the HDBox's main AC disconnecting device and must be easily accessible at all times.

For your safety, the power cord provided with your system has a grounded plug. Always use the power cord with a properly grounded wall outlet to avoid the risk of electrical shock.

CONVENTIONS USED IN THIS MANUAL

WARNING: Information to prevent injury to yourself when trying to complete a task.

CAUTION: Information to prevent damage to the components when trying to complete a task.

ELECTRICAL SAFETY

To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system. **DO NOT OPEN THE CHASSIS ANY TIME.**

OPERATION SAFETY

Before using the product, make sure all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact Nayatel immediately.

To avoid short circuits, keep paper clips, screws, and staples away from connectors, slots, sockets and circuitry.

Avoid dust, humidity, and temperature extremes. Do not place the product in any area where it may become wet. Place the product on a stable surface.

Slots and openings are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register.