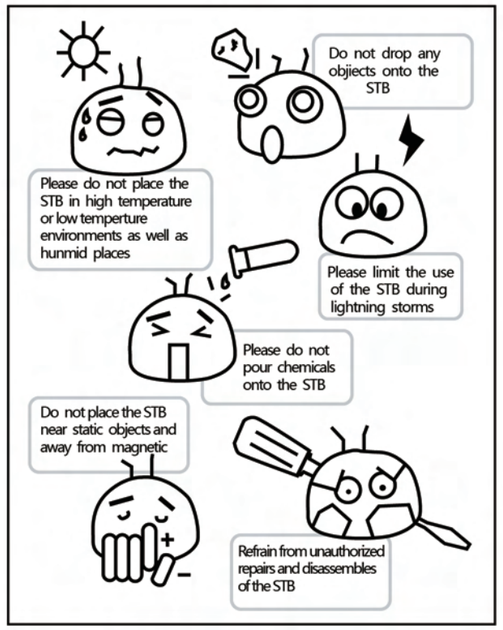
Warnings

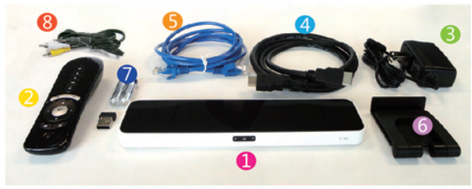


Welcome to the TurboTV Bar quick start guide

Thank you for choosing our TurboTV Bar IPTV Set Top Box (STB). Please take a minute to read this quick starter guide to better understand how to use this STB.

Unlike other proprietary STBs on the market, TurboTV Bar was developed with an open architecture that allows users and developers to load in Apps that matters to them. The STB is preloaded with Netflix, TurboTV, Google Play, etc. to get you started. For more information and support, please visit our web site at www.cipherkey.com

Included in the Package are



1.TurboTV Bar
2.Motion Sensing Air Mouse Remote Controller
3.Power Adapter
4.HDMI Cable
5.Network Cable
6.TurboTV Bar Mount Stand
7.Remote Controller Batteries
8.AV Cable

Front view of TurboTV Bar

Camera, Infrared Receiver and Power status - power light is always on, no need to turn off
Microphone input - you may use Skype to talk with this Microphone

Start-Up Guide

CIPHERKEY EXCHANGE CORP

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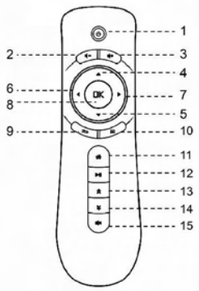
Back view of TurboTV Bar

1.AUDIO/VIDEO connector (Cable not included)
2.OTG (USB) connector
3.USB connector (2.0 for HS8086-II&III,1.1 for HS8086-I, remote controller USB adapter goes into this port)
4.HDMI connector
5.NETWORK connector
6.12V DC Power connector
7.RESET button (reset base settings to default)
8.RECOVER button (upgrade TurboTV Bar Operating System)
9.POWER button (turn on/off TurboTV Bar, no need to turn off, power saving is built-in)
10.MICRO SD card slot on the side of the STB (card not included)

Installing motion sensing air mouse remote controller

Set TurboTV Bar on top of your TV

Remote controller button and functions



No	Definition	Function
1	Standby	Press to turn on/off STB (Standby)
2	volume	Press to decrease volume
3	volume +	Press to increase volume
4	UP	Move cursor up
5	Down	Move cursor down
6	Left	Move left
7	Right	Move right
8	OK	Press to confirm/hold for Icon properties
9	Back	Back to previous page
10	Menu	Display the running App menu
11	Home	Go to Apps page/hold to reboot STB
12	Play/Pause	Press to play or pause
13	Page Up	Page up
14	Page Down	Page down
15	Mute	Turn off the sound

Main functions and specifications

- WIFI, Bluetooth and wired Ethernet connectivity
- 2 Megapixel video camera and microphone for video conference
- Android 4.0.4 Operating System
- Supports IPTV, games, browser, email etc. applications as well as other customizations
- Supports audio formats such as MP3, WMA, AAC, APE and FLAC
- Supports HDMI and Analog Audio/Video outputs
- Supports video formats such as H.264, H.263, MKV, FLV, MPEG1/2/4, DAT, VOB, TS, AVI, MOV and 3GP with video resolutions up to 1080p
- Supports JPEG, BMP, PING and GIF pictures
- Supports USB2.0 devices such as external USB hard drive
- Support Micro SD card for ease of storage capacity increase

Basic Operations

HDMI - Connect the HDMI cable between your TV and TurboTV Bar. Select the correct HDMI input on your TV for TurboTV Bar

Power On - Connect the 12V DC 1A power to the TurboTV Bar and it will start-up automatically. No need to turn off TurboTV Bar as it has an advance power saving feature to take care of power saving.

Reset - Pressing the RESET button at the back of the TurboTV Bar will reset TurboTV Bar setting back to its default starting mode.

Recover - Press and hold the RECOVER button while plugging in the power. TurboTV Bar will copy the upgrade file from "OTG" USB port to internal flash memory for operating system upgrade.

USB - There are 2 USB ports on your TurboTV Bar. You may connect a USB hard drive or other devices to them. The "OTG" port is special as it allows the Operating System to be upgraded by PC.

Micro SD slot – for ease of storage capacity increase (Micro SD memory card is sold separately).

Camera and Microphone - TurboTV Bar models HS8086-II and HS8086-III has a built-in Camera and Microphone for Skype video conferencing. (HS8086-I do not have a Camera)

Motion sensing air mouse remote controller - you may play games and navigate the graphical TV screen with ease.

Ethernet Jack and WIFI network connections - TurboTV Bar is equipped with an Ethernet jack and wireless WIFI for connecting to the Internet. Only 1 will be used at a time; Ethernet jack has priority over WIFI.

How to Operate

How to use the air mouse - the air mouse USB adapter has to go into the STB "OTG" port. Press the remote controller power button to turn on the controller; you should be able to see the mouse cursor on your TV screen. Shake your remote controller gently to get a feel on how the mouse cursor moves and adapts. Place the mouse cursor on the icon you like to run and press the OK button to confirm. Pressing and holding the OK button for a few seconds will pop up the App's property. You may sort the App to different group folders or launch everything when TurboTV Bar powers up.

How to set boot-up and launch an App – Press the HOME button on the remote controller to return to the main Apps page. Point the mouse cursor on the App you wish to run at each power up. Press and hold the OK button and the App property menu will pop up. Select ENABLE on the auto boot-up section and press "ok" on the TV screen, then this App will auto start every time the STB is powered up. To disable the auto boot-up feature, repeat the above steps and select none or disable on the auto boot-up section.

How to install new Apps - There are two ways to install Apps into your STB:

A. Using Google Play App store - to use Google Play store, you can browse the Google web site; click on Play to register your free gmail account.

Press the home button on the remote controller to return to the Apps home page. Locate and run the Google Play App then enter your gmail address and password. Upon successful login, Google play market will display options and search features for you to browse its Apps or search for a particular App, etc. Click on the App you wish to install and the App will be loaded into your STB for you to use at any time.

B. Local Installation - How to install Apps from USB and SD cards.

Insert the SD card or USB memory drive into the STB, click APK installer or select explorer. Select SD card/USB on where you have the App you wish to install. Click on the Apk file to start and follow the pop up prompt to confirm the installation.

How to remove your installed Apps - Press the home button on your remote controller. Click APK installer then click on Manage. A list of Apps pops up; click on the App you wish to uninstall. Click on uninstall and the App will be removed from the STB (Note: The factory installed Apps cannot be uninstalled).

How to restore to factory default and remove all of your added Apps - Please note, this action will delete all your Apps and related data, please back up your settings and data before you restore the STB to factory default.

Press the home button on the remote controller to go to the App page. Find and click Settings. Click backup & reset then Factory data reset. Click on reset device, afterwards the STB will be restored back to its original factory setting.

How to use the "Shift-Up" key to get to the upper right case characters - Some Apps bring up the TV screen keyboard with the characters on the upper key button. To get to these characters, you need to click on the key that has an up arrow symbol to toggle the upper key/button character from dark to bright white. The bright white characters are the active characters ready for you to select.

Warning

Please connect the HDMI cable or AV cable between the T urboTV Bar and TV before powering up the TurboTV Bar. If you choose to connect the TurboTV Bar and TV using AV cable, please do not connect the HDMI cable to the TV at the same time. (if both AV and HDMI cables are plugged in the TV at the same time, the TurboTV Bar will select to output Video and Digital surround sound on the HDMI port, no signal on the AV port)

FCC Note

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.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

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.