CIPHERTV™

CipherTV Bar
Model S35218NA
User Guide

Welcome to the CipherTV Bar
Quick Start Guide

Congratulations on your purchase of the CipherTV Bar. In just a few minutes you'll be ready to connect to your loved ones through Skype and explore your favorite applications such as YouTube, Netflix, Google Play, Facebook, Twitter and more. The CipherTV Bar makes your TV smarter by conveniently bringing applications and internet into the comfort of your living room. CipherTV Bar is plug and play, supporting both wired and wireless networks. CipherTV Bar lets you experience a new world of entertainment on demand!

"REMOTE CONTROL POWER BUTTON IS DISABLED"
No need to power down the CipherTV Bar – power saving mode is auto activated after 4 hours of TV or by pressing the 'home' button on the remote to bring you back to the home screen and activate power saving mode at the same time.

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Attention

To ensure proper use, maintain warranty eligibility and avoid unnecessary damage, please pay attention to the following:

- Avoid putting the STB on hot surfaces and in high humidity or dusty environments.
- Avoid putting the STB close to any materials with strong magnetic or electrical fields.
- Avoid spilling water or other liquids on the STB.
- Keep the STB well ventilated by making sure cooling holes are not blocked.
- Avoid exposing the STB from excessive vibration or collision.
- Do not disassemble or open the STB. Maintenance work should only be done by the original manufacturer or by an authorized staff.
- Only use the provided power adapter and remote control.
- Make sure to unplug the power cord when cleaning the STB. Wipe it with a clean dry cloth.
- When encountering any unusual circumstances or technical concerns, unplug the power adapter to reset or contact your technical service provider.

What's in the Box?

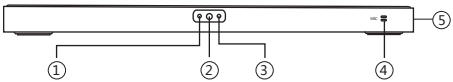
Your CipherTV Bar includes the following items

**Actual product & accessories may look different and batteries may not be included.

1. CipherTV Bar
2. Air Mouse Remote Controller
3. Air Mouse USB Receiver (refer to Page 4, Figure 4)
4. Ethernet Cable
5. HDMI Cable
6. CipherTV Bar Mount Stand
7. Power Adapter
8. 3.5mm AV cable
9. 2 AAA Batteries required

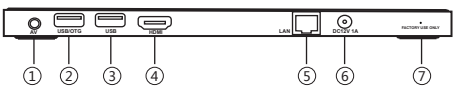
Optional Accessories: Infrared Remote, Micro-SD or TF card. For replacement parts visit www.ciphertv.com

Front View



1. Infrared Receiver
2. Camera
3. Power Status (very dim, on at all times)
4. Microphone
5. TF/SD Card Slot (side)

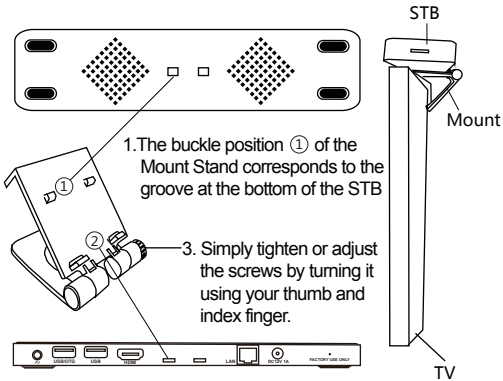
Back View



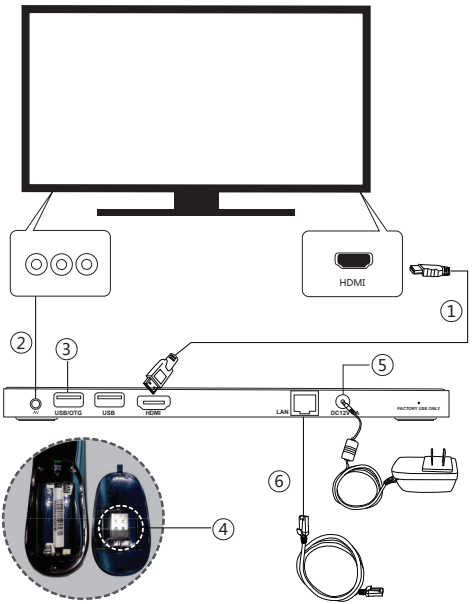
1. 3.5mm Audio/Video Output Port (cable included)
2. USB/OTG Port
3. USB Port
4. HDMI Port
5. Network Port
6. 12V 1A DC Power
7. Factory Use Only firmware programming button

Installation

Mounting Stand Installation



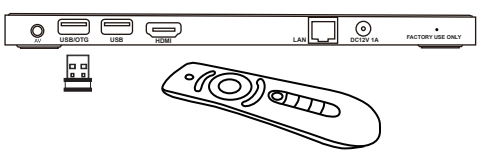
Connection Diagram



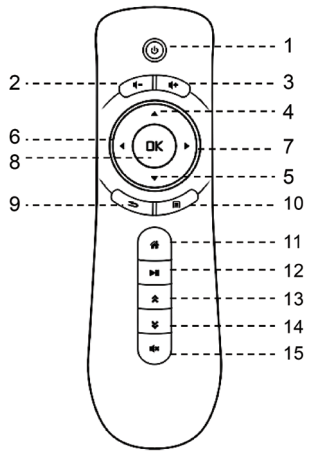
USB Receiver located in
Air Mouse battery compartment

Installation Steps

1. Ensure TV and STB powers are OFF before installation.
2. Connect the HDMI cable, see Figure ①
   OR Connect with AV cable, see Figure ②
3. Link the Air Mouse to the STB, see Figure ③
   Link the Air Mouse remote control to the STB by plugging in the Air Mouse USB receiver (that's pre-inserted in the battery compartment hatch of the air mouse, see Figure ④) into the USB/OTG port as show below.
4. Connect Power Adapter, see Figure ⑤
5. Network Connection
   *Connecting with RJ45, see Figure ⑥
   *Connecting Wireless network, please see page 10 "Wi-Fi Connection Setup Guide".



Air Mouse Remote Control



'*EPG – Electronic Programming Guide

No.	Definition	Function
1	Power	Power button is disabled
2	Volume -	Decrease volume
3	Volume +	Increase volume
4	Up	Move cursor up / TV channel up
5	Down	Move cursor down / TV channel down
6	Left	Move left / TV EPG left
7	Right	Move right / TV EPG right
8	OK	Confirm / hold for Icon properties
9	Back	Back to previous page TV EPG or full screen
10	Menu	Display the running App menu
11	Home	Go to Apps page / hold to reboot STB
12	Play/Pause	Play or pause
13	Page Up	Page Up on EPG
14	Page Down	Page Down on EPG
15	Mute	Turn off the sound

Technical Specification

CPU		1.6GHz Dual Core CPU
Memory		1 GB DDRIII 8GB Flash Memory
OS		Android 4.1.1, online upgrade
Power		DC 12V 1A
Audio/Video output		HDMI, CVBS
USB		2 USB ports
Wi-Fi		802.11 B/G/N
Peripheral Interface		Wi-Fi, USB, IR, Bluetooth, up to 32GB TF card slot
Video Camera		2 Megapixels Camera & Mic
Network Interface		Wi-Fi, Bluetooth, Ethernet
Multimedia Formats	Video	H.264, H.263, AVI, MKV, DAT, MPG1/2/4, VOB, TS, RM, MOV & 3GP
	Audio	MP3, WMA, AAC, APE, FLAC, OGG
	Photo	JPEG, BMP, PNG, etc.

Add / Remove Applications

Install new Apps

There are two ways to install apps into the CipherTV Bar.

1) Download through Google Play Store and Install

Look for the Google Play Store icon on the apps home screen then click on it. (Make sure you have registered your free Google account either at google.com online or simply through Play Store).

Enter your Play Store login information. Locate the app or enter app's name on the search box you wish to install, then click install.

2) Local Installation - 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 install and follow the on screen instructions to confirm.

3) Removing Installed Apps

On the home page, click “APK Installer” -> “Manager”. Click on the App you wish to uninstall, and confirm removal. (Note: Factory installed apps cannot be uninstalled).

Or go to “Settings” -> “App Manager”, select app to uninstall.

Operating Guide

After plugging in the power, CipherTV Bar will auto start.

Operate with Air Mouse (or RF remote control)
Plug in the Air Mouse Remote USB receiver into the OTG/USB or USB port and you will see the mouse cursor on the TV screen. Shake the Air Mouse remote control gently to get a feel how the mouse cursor moves and adapts. Move the cursor to the icon you want to run, and press OK button to confirm. Press and hold OK button for a few seconds to pop up the Property window of the application. You can sort applications into different group folders or auto-launch during power up.

Starting the Application
Press "⌂" button on the remote control anytime to return back to the main page. Move the cursor to the application icon that you want to run, press Ok button.

On-line Video: (e.g. Netflix, Youtube)
Move the cursor to the application you want to run (for example, Netflix), press the OK button on the remote control to enter. Log in, then select the video you want to watch.

Reboot App
Use the reboot app to reboot the CipherTV Bar. Press "⌂" button on the remote control, move the cursor to the Reboot icon and press OK button to run, and select YES to reboot.

Games: Angry Birds, Fruit Ninja and so on
Move the cursor to the application you want to run (for example, Angry Birds), press the OK button on the remote control to enter the game.

Media Player: Supports USB, MicroSD
Select "Video Player/Explorer" on the main page and browse to open the movie or music you want to play.

Settings
Open the settings icon to define network, language, time, etc..

Video Phone
Click on the SKYPE icon. After login, click the Video button to make video phone calls with your friends and family.

Auto-Launch an Application during Power Up
On the application of your choice, press OK and hold the button for 5 seconds to access the property window. Select 'Enable' in the Auto Boot-up section to set Auto Launch. This application will auto start each 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.

Register Your Device

We want you to enjoy your purchase to the fullest and that starts with a few easy registration steps below. Your registration verifies your warranty, helps ownership verification for lost or stolen devices and allows you to access tips, special offers and more.

Benefits:

Activates warranty
Verifies ownership for lost or stolen devices
Updates on your warranties
Special promotions, access and offers.

How to Register:

1. Locate the 12-digit MAC address found at the base of your CipherTV Bar.
2. Contact your service provider who sold you the CipherTV Bar to complete registration.
3. If you are unsure who your service provider is, visit www.ciphertv.com or call us at 1-888-851-8858

Frequently Asked Questions

How do I clear data or force stop an application?

1. Click on "Settings".
2. Under "Device", click on "Apps". Press the right arrow button until you reach the "ALL" tab.
3. Click the app you want to stop.
4. Click force stop and clear data

How do I change language settings?

1. Locate the settings icon on the home screen.
2. Under "Personal", click on "Language & Input"
3. On the right side, long press the "OK" button to scroll down to choose the language you want to use.

Do I need to turn off the CipherTV Bar after use?

The CipherTV Bar uses very little power and uses power saving when in idle mode.

How do I use the video conferencing feature?

The CipherTV Bar has a built in video camera and microphone that can be used for video conferencing applications such as Skype. If you have a Skype account, simply launch Skype, login and start a video conference right in your living room!

Frequently Asked Questions

How to add different accounts in CipherTV bar?

1. Go to Settings.
2. Locate “Add Account” option under “Account”
3. Choose the correct application account to be added. For example:
   a. Google - Email account for Play Store or access your emails using the Mail application.
   b. Facebook - Facebook account to connect to your friends and other people.
   c. Skype - To communicate with other people either by private message or video conference.

How to watch videos from TF/SD Card and USB?

1. Insert the TF/SD Card on the right side slot of the CipherTV Bar, or connect the USB device to the USB slot.
2. You can now access and manage files/videos on the TF/SD Card or USB using the ES File Explorer application.
3. Use the “Video” app or any of your own installed video player applications to play back videos.
4. Files will automatically be read on the application.
5. Enjoy watching your video!

How to reboot the CipherTV Bar?

1. Press the ”⌂“ button for 5 seconds to pop up the reboot option or use the reboot app to reboot the stb.
2. Do not use the power button.

How can I organize applications into categories?

On the Home screen, there are catergories such as Web Media, Local Media, Apps, Games etc.

1. On Home screen, hover the cursor over the application you wish to categorize then hold “OK” button on your air mouse for 1 to 3 seconds so that the property window appears.
2. Choose the category you want for the application, then press “OK”.

Wi-Fi Hotspot Setup Guide

1. Connect Ethernet cable to the LAN port at the back of the CipherTV Bar and the other end to your Internet modem or router.

2. Turn on your TV and power up CipherTV Bar.

3. Click on the “Settings” icon and under “Wireless & Networks” turn on the Ethernet.

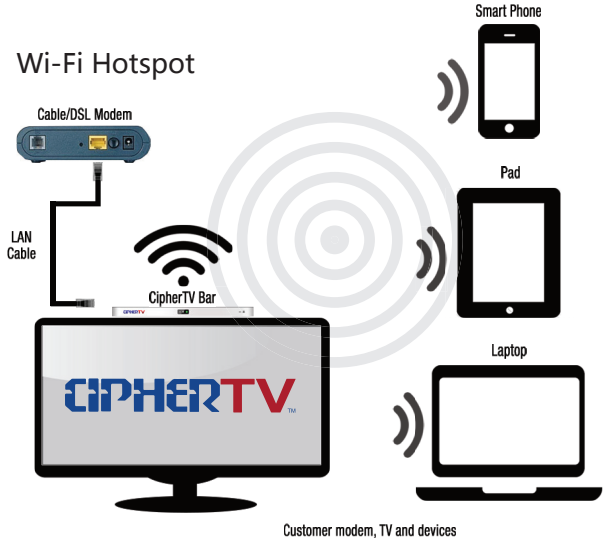
4. Click “More” then select Portable hotspot.

5. Tick the Portable Wi-Fi hotspot box (check mark should appear).

6. Click on “Set up Wi-Fi hotspot”.

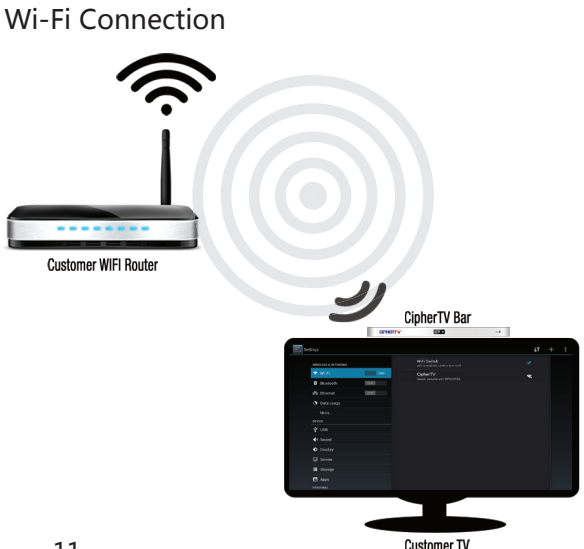
   a. Enter Network SSID.
      e.g.: CipherTV
   b. Security
      Open (no security password).
      WPA2 PSK or WPA PSK (need to enter security password).

7. Save and Enjoy your CipherTV Bar Hotspot Wi-Fi service. Note: Wi-Fi Hotspot may affect streaming video performance.



Wi-Fi Connection Setup Guide

1. Turn on your TV and power up CipherTV Bar.
2. Make sure your wireless router is on.
3. Click on the Settings and turn on the Wi-Fi.
4. Select Wi-Fi connection name on the right side menu.
5. Enter your Password if needed then select connect.
6. Close Settings menu and enjoy your Wi-Fi Connection.



Hardware Warranty

This limited warranty is provided by CipherTV Corporation ("CipherTV") to the customer ("Customer") who purchases the digital set-top bar from CipherTV or one of its authorized retailers (any such box, the "Digital Bar"; any such retailer, a "Retailer"). The Digital Bar purchased by Customer may be new or refurbished. This warranty is subject to updates and governed by the latest terms and conditions as posted on the CipherTV website at www.ciphertv.com.

Limited Warranty. Subject to the limitations below, CipherTV warrants to Customer that the Digital Bar shall be free from defects in workmanship and materials, under normal use, for one (1) year from the date of purchase. CipherTV's sole obligation under this warranty shall be, at CipherTV's option and expense, to replace or repair the Digital Bar. CipherTV warrants any replaced or repaired Digital Bar through the end of the original one (1) year warranty period. The replacement Digital Bar provided to Customer may be new or refurbished. Proof of purchase is required to replace or repair the Digital Bar. Consumable parts like AAA batteries have no warranty. Neither this warranty nor any of the rights hereunder are transferable by Customer. For more information regarding the limited warranty visit CipherTV website (www.ciphertv.com).

Warranty Service. Before returning the Digital Bar to CipherTV for warranty service within the warranty period, Customer shall visit the CipherTV website (www.ciphertv.com) for common troubleshooting tips and attempt to diagnose and correct the malfunction or other defect. If website or CipherTV Tech Support is unable to help, customer may obtain a RMA (Return Merchandise Authorization) number to return the CipherTV Bar for repair or replacement.

Non-Warranty Service. If Customer requires service to a CipherTV Bar that is not covered by this warranty, Customer shall visit the CipherTV website (www.ciphertv.com) to be directed to arrange for repair of the device by an authorized repair facility.

Limitation of Liability. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, CIPHERTV ALSO EXCLUDES FOR ITSELF, ITS AUTHORIZED RETAILERS AND ITS SUPPLIERS, ANY LIABILITY IN CONNECTION WITH THE DIGITAL BAR, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, ECONOMIC, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR ANY LOSS OF A FINANCIAL NATURE, INCLUDING, BUT NOT LIMITED TO, LOSS OF REVENUE OR PROFITS, EVEN IF CIPHERTV, ITS AUTHORIZED RETAILERS OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. CIPHERTV LIMITS ITS LIABILITY HEREUNDER TO REPLACEMENT OR REPAIR OF THE DIGITAL BAR, AT CIPHERTV'S SOLE OPTION.

Hardware Warranty, continued

Warranties Exclusive. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE ABOVE WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, TERMS, OR CONDITIONS, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES, TERMS, OR CONDITIONS OF MERCHANTABLE QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. CIPHERTV SHALL NOT BE LIABLE UNDER THIS WARRANTY IF THE ALLEGED DEFECT OR MALFUNCTION OF THE DIGITAL BAR DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLECT, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO OPEN, REPAIR, OR MODIFY THE DIGITAL BAR, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, POWER CUTS, SURGES OR OUTAGES, OTHER HAZARDS, OR ACTS OF GOD. THIS WARRANTY DOES NOT COVER PHYSICAL DAMAGE TO THE SURFACE OF THE DIGITAL BAR. THIS WARRANTY DOES NOT APPLY WHEN THE MALFUNCTION RESULTS FROM THE USE OF THE DIGITAL BAR IN CONJUNCTION WITH ACCESSORIES, OTHER PRODUCTS, OR ANCILLARY OR PERIPHIRAL EQUIPMENT AND CIPHERTV DETERMINES THAT THERE IS NO FAULT WITH THE PRODUCT ITSELF.

Arbitration. To the extent permitted by applicable law, any arbitration will be performed by CipherTV management acting commercially reasonable and in good faith in a jurisdiction local to and approved by CipherTV. As applies to this limited warranty, the arbitration process to a fuller extent, or any modification hereof, will be available on the CipherTV website (www.ciphertv.com).

Governing Law. This limited warranty is governed exclusively by the laws of the province of British Columbia in Canada.

Extended Warranty. Any extended warranty programs and information can be found on the CipherTV website (www.ciphertv.com).

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