

OWNER'S MANUAL

CINEHOME™ HD SERIES

5.1 WIRE-FREE HD AUDIO HOME THEATER SYSTEM

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Congratulations!

Thank you for purchasing the Enclave Audio CineHome HD Wireless Home Theater System. Welcome to the experience of HD quality wire-free audio home theater!

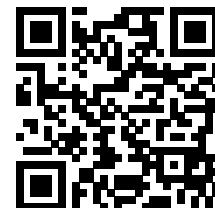
This guide will walk you through the simple setup steps to get your favorite movie, video game, sporting event, tv show or music wirelessly delivered to the powered speakers placed throughout your room. The Enclave system setup is quite simple, but this guide will help answer questions and assist with speaker placement, settings, and various options made available to you to insure the optimum quality experience your Enclave Audio system can provide. The Enclave Audio CineHome HD system was designed specifically to deliver high quality multi-channel audio from Blu-ray players, cable or satellite TV boxes, game consoles, streaming appliances, and other input compliant devices through an uncompressed, uninterrupted digital signal, straight to your powered speakers.

Simply provide power with the included adapters, connect your source, follow the simple on screen instructions to insure all speakers are connected and your Enclave Audio speakers are ready to go.

We hope you enjoy the new and wonderful world of wire-free HD audio home theater! If you have any questions at all, don't hesitate to give us a call at 844-436-2528 or email: support@enclaveaudio.com and an Enclave Audio support representative will be happy to assist.

Watch the setup on YouTube!
<http://www.enclaveaudio.com/setup>

Scan the QR code to the right with your smartphone,
or go to: www.enclaveaudio.com/setup



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1. WHAT'S IN THE BOX

Make sure you have all the items listed below. Inspect each piece to make sure nothing was damaged during shipping. If you think any item is damaged or missing, please call an Enclave Audio Home Support at 1-844-436-2528 so that we may provide assistance.

- (1) Enclave Audio Smart Center Channel Speaker
- (1) Enclave Audio Right Front Channel Speaker
- (1) Enclave Audio Left Front Channel Speaker
- (1) Enclave Audio Right Rear Surround Speaker
- (1) Enclave Audio Left Rear Surround Speaker
- (1) Enclave Audio Subwoofer
- (1) HDMI cable
- (1) Enclave Remote control (*with battery*)
- (6) AC power supplies (*for all system speakers*)

2. ENCLAVE AUDIO CINEHOME HD SMART CENTER OVERVIEW

CONNECTIONS:

- (1) HDMI Output
- (3) HDMI Inputs
- (1) Optical Digital Input
- (1) Stereo Analog Audio Input

SCREEN DISPLAY:

- Configure and control your system direct on your TV screen
- Accessible from Remote Control or Smart Center Top Panel
- Easy to follow

SUPPORTED PROCESSING:

- HDMI 3D, ARC, 4K
- DTS Digital Surround 5.1
- Dolby Digital/Dolby Digital Plus
- Dolby Pro Logic II

3. ENCLAVE AUDIO CINEHOME HD SMART CENTER INDICATORS AND CONNECTIONS

These sections can help you identify the connections and indicators for the Enclave Audio CineHome HD Smart Center, remote control, and wireless speakers.

3a. Front Panel LED/Illuminated Indicator

The Smart Center front panel blue indicator LED will illuminate bright when the system is off and will illuminate dim when the system is turned on. The reason for this is so the LED is not be noticeable when watching TV or video in a dimly lit environment.

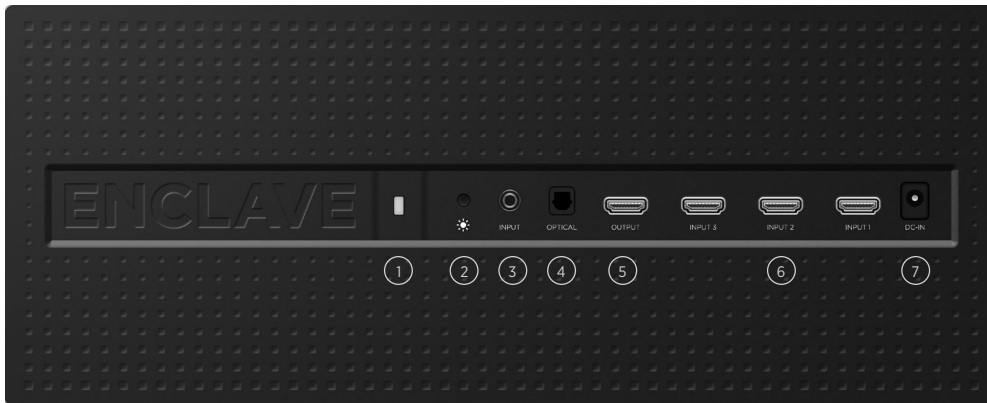
3b. Subwoofer & Satellite Speaker Rear LED/Illuminated Indicator

The Subwoofer, Front and Rear satellite speakers have a rear LED that will flash prior to network connection. If either the subwoofer or a satellite speaker LED's is flashing, they are NOT connected to the network. When the LED's are illuminated in a constant state, they are successfully connected and paired to the network. When the Enclave Smart Center is powered off all speaker LED's will turn off.

If you believe the satellites should be connected to the network, but remain flashing, refer to the troubleshooting section for possible solutions. If you find a speaker that remains flashing after pairing then please refer to the troubleshooting section for possible solutions.

3c. Enclave Smart Center Rear Panel Connections

- | | |
|-----------------------------|---------------------|
| ① LED light | ⑤ One HDMI output |
| ② LED light switch | ⑥ Three HDMI inputs |
| ③ Stereo analog audio input | ⑦ DC Power Input |
| ④ Optical digital input | |



4. CONNECTING YOUR SOURCES

Connect your input sources to the Enclave Audio CineHome HD Smart Center inputs that fit them best. See the examples below:

4a. Example 1: HDMI

When connecting a source with an HDMI output, it is recommended that the HDMI connection is used for both audio and video. This ensures the highest quality audio and video is used. Also, use the supplied HDMI cable for output to the tv.

4b. Example 2: Non-HDMI Video Source

For connections that don't use HDMI, the Enclave Smart Center can accommodate Optical, Analog 3.5mm, or Bluetooth from your mobile device or tablet.

4c. Enclave Audio CineHome HD Power Connection

- | | |
|-------------------------------------|-----------------------------------|
| • Enclave Smart Center: DC 18V 2.0A | • Enclave Right Rear: DC 18V 1.0A |
| • Enclave Right Front : DC 18V 1.5A | • Enclave Left Rear: DC 18V 1.0A |
| • Enclave Left Front: DC 18V 1.5A | • Enclave Subwoofer: DC 18V 3.0A |

4d. Enclave Audio Mobile App

Be sure to visit the Apple App Store or Google Play to download the Enclave Audio app for iOS or Android and wirelessly stream your device or networked based music library using Bluetooth or Google Cast (Google Chromecast sold separately) to your Enclave Audio system. The Enclave Audio app also features such streaming music services as Spotify, Tidal, Tunein radio and more. (Subscription may be required).

5. INSTALLATION AND SETUP

Follow these instructions to initially setup and use the Enclave Audio Wireless Smart Center, remote control, and your Enclave wireless speakers.

Check out our video to see the setup in action at: <http://www.enclaveaudio.com/setup>

5a. PLACE YOUR SPEAKERS


1. Arrange your speakers as shown in the "General Speaker Placement" on the next page.
2. Make sure the center speaker is centered above or below the television screen.
3. The speakers must all point relatively toward the center of the room. Do not place them behind furniture, plants, or other objects.


5b. CONNECT POWER AND SOURCES TO THE ENCLAVE AUDIO SMART CENTER

1. Plug in all power adapters to the rear connector on each speaker and sub BEFORE plugging into wall outlets.
2. Plug all power adapters into your wall power outlets.
3. Plug in the Enclave Audio Smart Center.
4. Connect your audio and video sources to the Enclave Audio Smart Center.
5. Connect the HDMI Out to one of the television's HDMI inputs.

5c. POWER UP

1. Press POWER on the remote control or the Smart Center control panel on top of the speaker. The LED will dim when powered on.
2. The speakers will automatically pair. When turning the system on for the very first time, it may take up to 30 seconds for the system network to be established. The On Screen display shows "Resetting wireless speakers - Please Wait".

 **Note:** While the system is pairing to the speakers you will not be able to turn off the power until the pairing process is completed.

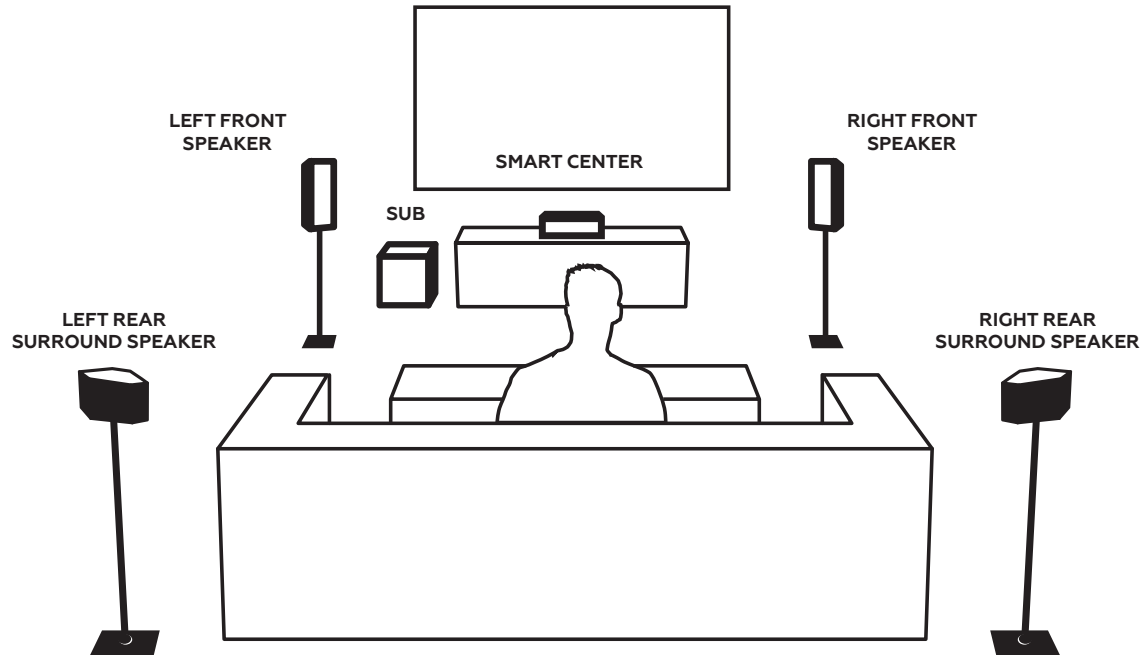
 **Note: SATELLITE SPEAKERS & SUB BACK PANEL**
When the Enclave Audio CineHome HD Smart Center is powered off, the speakers go into a low-power standby state and should remain plugged in at all times. The LED indicators on the rear of the speakers will turn off. The speakers will "power up" again when you turn on the Enclave Audio Smart Center.

3. The system will confirm ALL SPEAKERS OK when setup is successfully completed.
4. System will default to the first HDMI input used as a startup source.



6. GENERAL SPEAKER PLACEMENT

To get the best audio reproduction from surround-sound encoded material, Dolby and DTS recommend you place the speakers in a configuration most similar to the following diagram.



GENERAL SPEAKER PLACEMENT TIPS AND HINTS

1. Where should I place the front speakers?

Ideally, your front speakers should form a slight arc with your center channel speaker and point toward the center of your main seating area.

2. Where should I place the rear speakers?


Surround speakers are best placed to the left and right of your listening position – either in line with it, or just behind it.

3. Where should I place the subwoofer?

You can usually place your subwoofer just about anywhere in your home theater room with good results. Most people place their subwoofer in the front of the room. Placing your subwoofer near a wall will generally result in more bass, and placement near a corner – where three room boundaries come together – will generally bring even more. To adjust the volume of the subwoofer, use the subwoofer volume menu item (see how to access Subwoofer volume in “Section 7c” of this manual.).

4. I set everything up, but the locations aren't working correctly.

Please be certain that your speakers are placed properly in accordance with the included placement diagram.

 **Note:** The system works best with the left and right speakers either even with or in front of the center channel speaker.

7. BASIC SYSTEM FEATURES

These sections explain how to use the features of the Enclave Audio Wireless Smart Center.

7a. On Screen Display

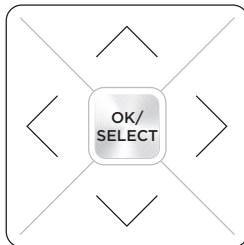
The On Screen display is the main source for system control. All system commands and settings are accessible through the On Screen display. An HDMI connection out from the Enclave Smart Center to your TV is REQUIRED to view the On Screen display, regardless of the input source being used.

7b. Powering On and Off

After you're finished with the initial placement you simply need to press the POWER button on the remote control to turn the Enclave Audio CineHome HD Smart Center on and off. The Enclave Audio Wireless Smart Center quickly starts up with the press of the POWER button. The LED will dim when powered on. When the Enclave Audio CineHome HD Smart Center is powered off, the system speakers automatically go into a low-power standby state and the speaker LED indicators will turn off. Audio and Video signal from any selected HDMI input that is active at the time the system is powered down will be passed through the HDMI output to the TV speakers to enable listening without using the Enclave Audio system.

7c. Changing Volume

To change the current system volume, push the top or bottom of the rocker pad on the remote control or Smart Center. You'll see the status update on the screen of the television.



VOL UP – Pressing the top of the rocker pad increases the volume. Pressing and holding quickly increases the volume.

VOL DOWN – Pressing the bottom of the rocker pad decreases the volume. Pressing and holding quickly decreases the volume.

MUTE – Toggles mute on and off.

To change the volume of individual speaker channels, Press the top or bottom rocker pad on the remote or the Smart Center to enter the volume control state and press and hold the RIGHT rocker pad until the menu changes, then tap to navigate to select through the Subwoofer, Center and Rear speaker volume controls. You may adjust the individual volume of the channel by depressing the UP or DOWN on the rocker pad while the respective channel volume control is being displayed on screen (i.e. Subwoofer, Center, Rears).

7d. Selecting a Source

To change the current input source, press the corresponding button on the remote control/keypad. You'll see the choice reflected on the on screen display:

Source	Remote Button(s)	On Screen Display
HDMI 1	INPUT & SELECT	HDMI 1
HDMI 2	INPUT & SELECT	HDMI 2
HDMI 3	INPUT & SELECT	HDMI 3
Optical	INPUT & SELECT	Optical
AUX	INPUT & SELECT	AUX
BLUETOOTH	INPUT & SELECT	BLUETOOTH

7e. Menu

To enter the menu, press MENU on the remote control or Smart Center keypad. Press MENU again or UP ARROW and DOWN ARROW on the remote control/keypad to choose between the menu items. Press OK/SELECT to select the current menu item. At any time, press MENU to return to the main screen.

Note: The Enclave Audio CineHome HD automatically sets up the system at power-up. The options provided in the menus are for additional fine tuning, and are not required for use.

8. USING THE REMOTE CONTROL/SMART CENTER CONTROL PAD

The Enclave Audio system remote control has the identical functionality of the Smart Center Control Pad. The control functions for both are as follows:

POWER When the system is powered off with an HDMI input selected as the source, the audio and video from the selected HDMI input will be passed through to the television for listening through the television speakers.

OK/SELECT Confirms an OSD menu selection or when used alone provides a system status and current decoder being used.

INPUT Selects which Smart Center input is to be used. Use Rocker Up and Down scroll and OK/SELECT.

MENU Opens the system menu and selects various audio modes, i.e. Dolby Pro Logic II, Dolby Dyn Range, Bluetooth settings, and Speaker Setup

- 1) **Dolby Pro Logic II** – This mode will take a stereo signal from any input and create a virtual 5.1 sound experience. Dolby Pro Logic II is on by default.
 - a) **Auto** – Automatically selects the Dolby Pro Logic II mode between movie or music
 - b) **Movie Mode** – Creates a virtual 5.1 audio experience best suited for stereo movie sources.
 - c) **Music Mode** – Creates a virtual 5.1 audio experience best suited for stereo music sources.
- 2) **Dolby Dyn Range** - This enables you to customize audio playback to reduce peak volume levels (no loud surprises) while experiencing all the details in the soundtrack, enabling late-night viewing of high-energy surround sound without disturbing others.
- 3) **Bluetooth** – Selecting this will allow you to turn auto pairing on or off. Auto pairing is ON by default. After pairing, if you do not wish for other Bluetooth devices to pair to the system, turn off Auto Pair.



4) **Speaker Setup** –

- a) **Rear Delay/Bal**– Allows you to control the audio delay and balance for the rear surround speakers.
- b) **Noise Sequence**– This mode will allow you to send audible white noise to each speaker in the system to confirm it is connected and producing audio. The noise sequence is Left Front, Right Front, Left Surround, Right Surround, Center, Subwoofer.
- c) **Reset Wireless** – Resets the wireless network and allows for the Enclave Audio speakers to be re-discovered and re-paired with the Enclave Smart Center.



Mutes the system audio

9. TROUBLESHOOTING

If you have any trouble setting up your system, please try the following or give us a call at 844.436.2528 and our support team we'll be happy to talk you through any issue resolve. Also refer to the FAQ's section on our website at www.enclaveaudio.com.

1. After powering up the Enclave Audio Smart Center, the system is failing to produce any audio.

All speakers must be powered on when the Enclave Audio CineHome HD is started. If they are not powered on, they will not produce sound. The system shows only the speakers it can find. Check and make sure all speakers are powered and the rear LED's are illuminated and not flashing.

A message will appear if the system cannot locate any or all speakers.

To fix, follow these steps:

Power off the Enclave Audio Smart Center with the power button on the remote control or Smart Center keypad.

Power ON the Enclave Audio Smart Center with the power button on the remote control and allow 30 seconds for the system to boot properly.

1. Select MENU on the remote/keypad
2. Select/Scroll to SPEAKER SETUP on the On Screen Menu and hit OK/SELECT
3. Select RESET WIRELESS and wait approximately 15-20 second for confirmation on screen.

Noise Sequence Test

You can also test each speaker for audio individually by following the below:

 **Note:** Enter MENU/Speaker Settings to find this option.

The Noise Sequence generator can be used to confirm successful placement and pairing of the Enclave speakers .

A static white noise will be produced by each speaker individually in the system in a rotating fashion.

The Noise sequence use the following rotation:

Left Front, Right Front, Left Surround , Right Surround , Center , Subwoofer.

You can stop this test by depressing any key on the remote control or Enclave Smart Center keypad.

2. I am playing a DVD or Blu-ray disc that has surround sound, but I am only hearing audio out the left front and right front speakers.

Make sure your Blu-ray or DVD player is properly setup to send surround information out of the HDMI or digital ports. For systems using HDMI, the best performance is "Bitstream" mode. For systems using optical out, make sure the system is sending out Dolby Digital or DTS, not "downmix" or "PCM." Please refer to your player's installation manual for detailed instructions.

3. When the On Screen display shows a speaker is missing, that means it is not connected to the Enclave Smart Center audio system.

Check the following:

1. That all of your speakers are connected to the proper respective power adapters and the tips securely plugged into the rear speaker power port. Be sure to check that the opposite end is firmly connected to your primary power source (wall, power strip, etc).
2. Is the rear panel LED flashing? If so, refer to section 1 in this troubleshooting segment of the manual. If the issue persists please call Enclave Audio support at 844-436-2528.
3. If the LED is constant, and the rest of the system is working, please call Enclave Support at 844-436-2528 for further assistance.

4. I set everything up, but the locations aren't working correctly.

Please be certain that your speakers are placed properly in accordance with the included placement diagram. Check the label on the rear of each speaker to confirm the proper speaker is in its correct position in the system.


10. REGULATORY STATEMENT


The United States Federal Communication Commission has established certain rules governing the use of electronic equipment.

FEDERAL COMMUNICATIONS COMMISSION DECLARATION OF CONFORMITY

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.

Product Name: CINEHOME™ HD SERIES
Model Number: EA-100-CTR-US
Responsible Party Name: Enclave Audio, Inc.
Address: Woodland Hills, CA 91367, USA
Phone: 1.844.436.2528
URL: <http://www.enclaveaudio.com>

 **Note:** This device 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 when the equipment is operated in a residential installation. This equipment generates, uses, and radiates radio frequency energy and if not installed and used in accordance with the instruction guide, may cause harmful interference to radio communications.

 **CAUTION:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This radio is compliant with FCC RF Exposure requirements for mobile devices. Users are cautioned to maintain 20 cm from the transmitter to ensure compliance.

11. IMPORTANT SAFETY INFORMATION

- Read and follow all instructions, warnings and cautions when connecting the Enclave Audio Cinehome HD Smart Center and associated Enclave Audio speakers.
- Keep these instructions for future reference.
- Do not install near any sources such as radiators, heat registers, stoves, or other equipment that produce heat.
- Protect all cords from being walked on, pulled excessively, or pinched, particularly at plugs and the point where they exit from the home, Enclave Smart Center, or system speakers.
- Only use attachments/accessories specified by Enclave Audio.
- Refer all servicing to qualified service personnel. Servicing is required when the Enclave Audio CineHome HD Smart Center or associated Enclave Audio speakers have been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled, objects have fallen into them, they have been exposed to rain or moisture, do not operate normally, or have been dropped.

12. WARRANTY

Enclave Audio provides a transferable (3) year limited warranty on our speaker cabinets and drivers; a transferable one (1) year limited warranty on our electronics in subwoofer, powered speakers; and a non-transferable lifetime limited warranty on our cables.

No other warranty, implied or otherwise, is created or honored by Enclave Audio. These warranties cover only defects in material and workmanship with the following specific exceptions:

- Damage which has been caused by tampering with the product housing
- Damage from Third Party Parts, Components, or accessories
- Any damage caused by any reason from usage that is not in accord with Enclave Audio product instructions.

This warranty covers only the actual defects within the products themselves. IT DOES NOT cover costs of installation in (or removal from) a fixed installation, or normal set-up, claims based on any misrepresentation by the seller, or performance variations resulting from installation related circumstances such as signal quality, AC power or incompatibilities with other system components.

WARNING RISK OF ELECTRIC SHOCK. DO NOT OPEN.

WARNING: Do Not Open! Risk of Electrical Shock. Voltages in this equipment are hazardous to life. No user-serviceable parts inside. Refer all servicing to qualified service personnel.

- This product is intended to be operated only from the AC voltages listed on the back panel of the Enclave Audio CineHome HD Smart Center and associated Enclave Audio speakers. Operation from voltages other than those indicated might cause irreversible damage to the product and void the product's warranty. The use of AC plug adapters is cautioned because it can allow the product to be plugged into voltages in which the product was not designed to operate. If the product is equipped with a detachable power cord, use only the type provided with your product or by your local distributor and/or retailer. If you are unsure of the correct operational voltage, please contact your local distributor and/or retailer.
- Only use attachments/accessories specified by the manufacturer.

During the warranty period, Enclave Audio will, at its option, either repair the defect, or replace the defective product, or the defective parts, or components thereof with the then current product/component in use by Enclave Audio, at no charge to the owner for parts and labor covered by this warranty. If necessary repairs are not covered by this warranty, or if a unit is examined which is not in need of repair, you will be charged for the repairs and/or the examination.

If non-warranted repairs are needed, we will notify you of the estimated cost and ask for your authorization to perform said repairs. You must pay shipping charges incurred in getting your product to Enclave Audio. We will pay the return shipping charges if the repairs are covered by the warranty. Please save the original shipping cartons as the unit MUST be returned in the original carton and packing. (Replacement cartons are available at a modest charge).

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LEGAL NOTICES

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