ENGLISH

HEIMDALL

Clint®

User Guide Rev. 1.0.0 for Clint HEIMDALL - Model: HEIMDALL
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THANK YOU FOR BUYING HEIMDALL A CLINT HI-FI STREAMING ADAPTER

Welcome to the world of Clint Asgard™. Designed and developed with elegance and simplicity by Danish designer Phillip Bodum.

Our Asgard™ devices are all wireless to be used with Wi-Fi or Bluetooth technology.

Enjoy the divine sound performance from our Asgard™ range. We hope you will be thrilled for many years.

Enjoy,
Brian Larsen
CEO, Clint Digital

USER GUIDE - INDEX

If you want to read about:

What is in the box	6
How to setup HEIMDALL	7-8
Connecting HEIMDALL	9
Wi-Fi Setup	9
Music Direct	10
Clint App	11-13
Web Browser	14
The buttons on HEIMDALL	15-16
Power On / Off	17
Volume Up / Down	17
Play / Pause	17
Mute	17
WHA	18
Reset	18

USER GUIDE - INDEX

Continued

LED Description	19-20
Playback	21
AirPlay	21
DLNA	21
MultiRoom (WHA	22-23
Music Direct	24
Headphone Output	25
AUX Combo Out	25
Outputs	26
Safty Information	27-28
Warrenty & Main Specification	29
Appendix	30
Power Saving	31

IN THE BOX

What accessories are included with your HEIMDALL purchase?

1 x HEIMDALL | Danish designed streaming adaptor

1 x AUX cable | Analogue

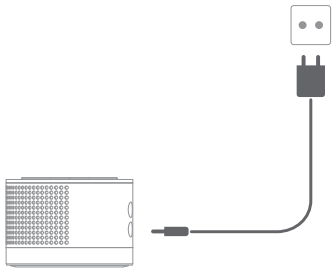
1 x Optical Cable with Adaptor | Digital

1 x AC/DC power supply | With EU & UK plugs

1 x HEIMDALL User Guide | To learn every detail

Get started:

1. Connect HEIMDALL to a power outlet using the included AC-DC adaptor.
2. HEIMDALL will automatically power on when connected. If it does not - please press the "PLAY/PAUSE" button.

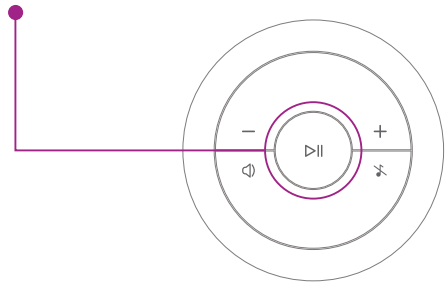


Note: Only use the included AC-DC adaptor.

SETUP
How to get started with HEIMDALL

Power On:

1. Press "PLAY/PAUSE" and HEIMDALL will power on.
2. Four white LED's will flash rapidly, which indicates HEIMDALL is booting up.



Note: If a Wi-Fi connection cannot be established, then HEIMDALL will say: "No device connected" and then: "Please reconnect your device".

CONNECTING TO NETWORK

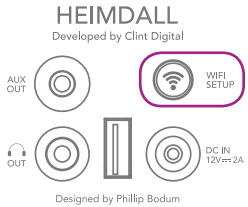
You have a few options to connect HEIMDALL to your network

Wi-Fi Setup (Push button):

Many modern routers support Wi-Fi setup feature. If yours does, locate the Wi-Fi setup button and then continue this guide.

1. Start by pressing the "Wi-Fi setup" button on the rear of HEIMDALL. HEIMDALL will say: "Waiting for connection" and purple LED will flash rapidly.

2. Quickly press your routers Wi-Fi setup button and wait until HEIMDALL says: "Your device is now connected". All five LED will start breathing slowly.



Back side of HEIMDALL.

Standard Wi-Fi setup symbols.

Note: If you do not press Wi-Fi setup button within 2 mins. or a Wi-Fi connection cannot be established – HEIMDALL will return to the previous state.

CONNECTING TO NETWORK

You have a few options to connect HEIMDALL to your network

Enable connection via Music Direct:

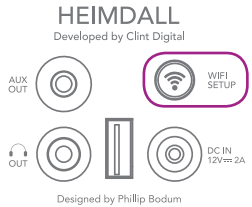
By using Music Direct you are able to setup the network connection for HEIMDALL, by using either a Web browser or the Clint App.

1. Press and hold the "Wi-Fi Setup" button on the rear of HEIMDALL for 4-5 seconds until the purple LED flashes rapidly and the four white LED's are solid.

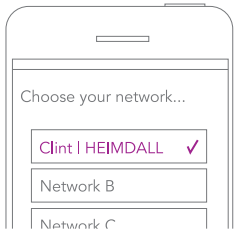
2. On your selected music device (ex. iPhone or computer) search for a Wi-Fi connection.

3. When you see: *"Clint | HEIMDALL"*, connect with it.

4. You have now made a direct connection to your HEIMDALL. Read the next few pages to learn two methods for connecting HEIMDALL to your home network.



Back side of HEIMDALL.

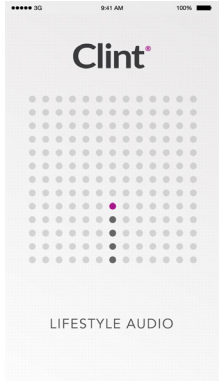


CONNECTING TO NETWORK
Via Clint App (Music Direct)

Method 1 - Clint App:

Clint also developed an application, which can be downloaded on the App Store or Google Play. Please download our app before going through below steps:

1. Make sure your music device and HEIMDALL is connected via Music Direct (See page 10).
2. Open the Clint App and choose the “Speaker Settings” option.
3. Choose the “Network setting” option for your HEIMDALL.
4. Choose your Wi-Fi network on the list and enter password (If applicable).
5. HEIMDALL will now reboot and try to connect to your Wi-Fi network.

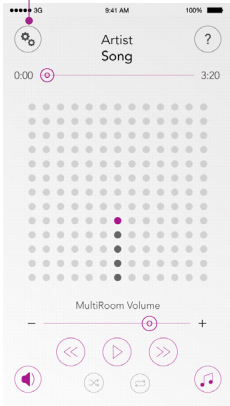


Note: If a Wi-Fi connection cannot be established HEIMDALL will return to the previous state.

CONNECTING TO NETWORK
Via Clint App (Music Direct) - Continued

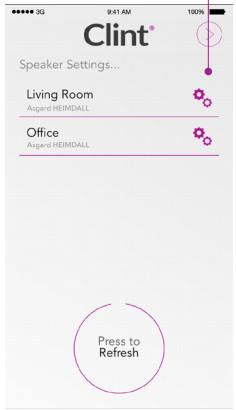
Choose speaker settings here.

2.

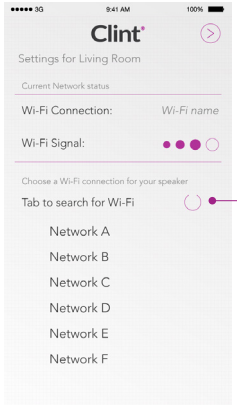


Press the network settings button and then “Network Settings”

3.

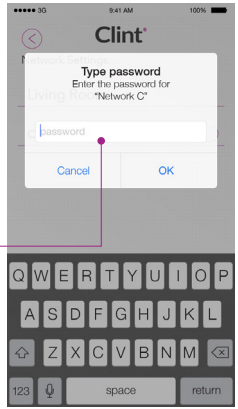


4.



Choose your Wi-Fi.

4.



Type in your password for the Wi-Fi.

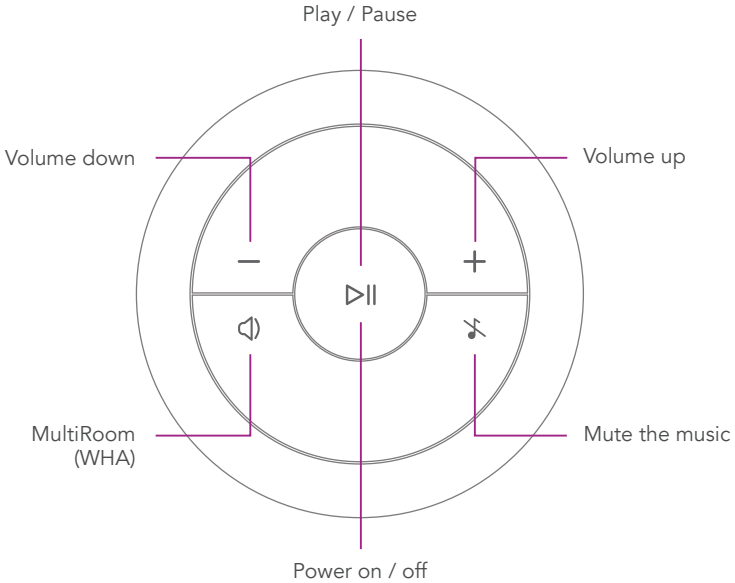
Method 2 - Web browser:

1. Open the internet browser on your device and write 192.168.1.1 in the address bar. Press "ENTER" to go to the web interface of HEIMDALL.
2. Here you can connect HEIMDALL to your Wi-Fi network.
3. Choose your network (SSID) on the list and enter your password (if applicable).
4. Click Apply to accept. HEIMDALL will now reboot and try to connect to your Wi-Fi network.
5. HEIMDALL will say "Waiting for connection" and then "Your device is now connected". This is indicated by all five LED's slowly breathing.

Note: If a Wi-Fi connection cannot be established HEIMDALL will return to the previous state.

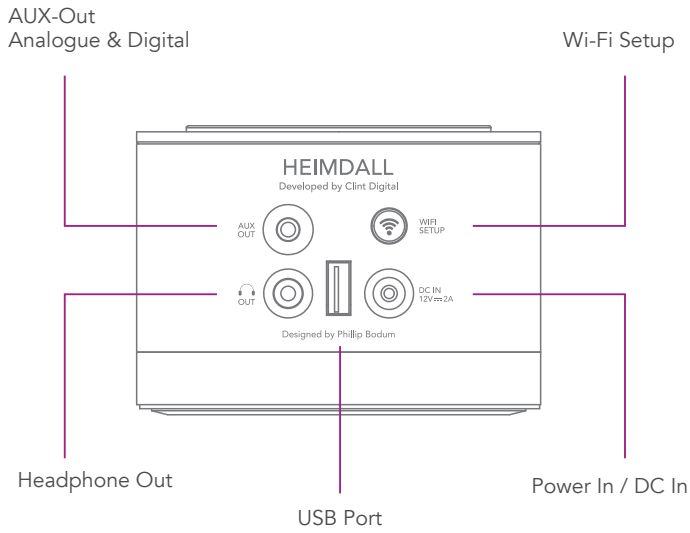
BUTTONS ON HEIMDALL

These are the different buttons
located on the top of HEIMDALL



BUTTONS ON HEIMDALL

These are the different buttons and connectors
located on the rear of the HEIMDALL



Power On / Off:

1. Press " ▷|| " to power on HEIMDALL.

2. Press and hold " ▷|| " to power off HEIMDALL.

Volume Up / Down:

1. Press the "+" to turn the volume up.

2. Press the "-" to turn the volume down.

Play / Pause:

1. Press " ▷|| " button to pause music.

2. Press " ▷|| " again to play music.

Mute:

1. Press the " " to mute the music.

2. Press the " " again to un-mute the music.

MultiRoom (WHA):

Pressing the " " button will switch HEIMDALL between single speaker mode and MultiRoom (WHA) mode.

The first speaker is set as MASTER and the rest will be set as SLAVES.

Note: Read more about MultiRoom (WHA) on page 22.

Reset:

It is always possible to reset HEIMDALL if any issues occur.

1. Press and hold Volume "+" and Volume "-" down simultaneously for 3-4 seconds to perform a system reset.

2. When the LED's turns off release the buttons. Wait until HEIMDALL has rebooted. HEIMDALL will say: "No device connected" and then – "Please reconnect your device" *(See page 9 for connecting to network).*

Warning: When performing a RESET all settings will be deleted and HEIMDALL will return to the factory default settings.

LED INDICATION

HEIMDALL has the following LED behaviors for your indication

Power Off:
When HEIMDALL is turned off - all LED's are off as well.

Booting:
When the 4 white LED's are flashing rapidly, HEIMDALL is booting up.

Sleep Mode (MultiRoom):
Top blue LED is breathing with the four white LED's.

Sleep Mode (Single Mode):
When purple LED is breathing with the white LEDs.

Searching:
When purple LED is flashing fast, HEIMDALL is trying to establish a new Wi-Fi connection.

No Connection:
When HEIMDALL does not have any Wi-Fi connection, the 4 white LED's will flash twice continuously.

LED INDICATION

HEIMDALL has the following LED behaviors for your indication

Playing DLNA / AirPlay:
With DLNA and Airplay playback (Single Mode) is ongoing the top LED is solid purple.

Playing Aux-In:
Top LED is off and four white LED's are solid.

Playing MultiRoom Mode:
The top LED will be solid Blue and the four white LEDs will also be solid.

AirPlay:

AirPlay is Apple Inc. software feature that is used to stream audio and video between devices connected to a Wi-Fi network.
You can stream from iTunes on Mac or PC. Or you can use an iOS device: iPad, iPhone or iPod Touch.

1. Start playback on the iOS device and click on the AirPlay icon.
2. Choose *"Clint | HEIMDALL"* as output device (speaker).

DLNA:

With a DLNA music application on your Android / WP8 / Windows / iOS etc. device you can also stream music to HEIMDALL. (Please use the Clint App for iOS and Android).

For more information regarding Clint App please go to our website at www.clintdigital.com

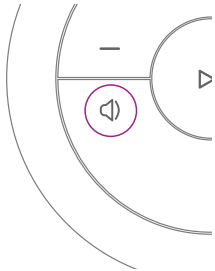
Other third party DLNA apps may also work but Clint cannot be held responsible for the use and/or functions of these apps. We refer to the user guide of the specific app for more information. Remember to choose "Clint | HEIMDALL" as output device (speaker).

MultiRoom (WHA) / (Wireless):

If you have invested in more MultiRoom (WHA) compatible Clint Asgard™ devices, you can take full advantage of the MultiRoom (WHA) function. Read below to learn more.

Note: MultiRoom (WHA) playback is not possible using AirPlay.

1. To set a MultiRoom (WHA) device, press the MultiRoom (WHA) button on the HEIMDALL or in the Clint App.
2. The first device that is pressed will act as MASTER. The front top LED will change from purple to blue.
3. The following devices pressed will act as SLAVES. The front top LED will change from purple to blue.
4. All DLNA music playback (when using MultiRoom, WHA) on the MASTER device will be redistributed to the SLAVE devices.



5. To cancel MultiRoom (WHA) mode press the MultiRoom (WHA) button on HEIMDALL or in the Clint App. The front top LED will change to purple to indicate single mode.

6. MultiRoom (WHA) mode will also be cancelled if a music stream from another device overrules.

7. Using AirPlay will automatically cancel the MultiRoom (WHA) mode for the actual device. If the device is a MASTER then all SLAVE's will also be cancelled and returned to single mode.

Note: Volume control in MultiRoom (WHA) mode will only affect volume on the MASTER. Volume on SLAVE's needs to be controlled manually or via Clint App.

Note: SLAVE's will be forced back to single mode once a MASTER is "removed/disappear". They cannot act as SLAVE without a MASTER.

Music Direct (Wireless):

Your music devices can also connect to HEIMDALL using Music Direct. This can be an advantage if HEIMDALL is located in a place without Wi-Fi but wireless playback is still desired.

1. Press and hold the "Wi-Fi Setup" button on HEIMDALL for 4-5 seconds until the front top LED flashes purple rapidly and the four white LED's are solid.

2. Search for available Wi-Fi networks on your device (We refer to the user guide of the specific product).

3. Find "Clint | HEIMDALL" on the list of available networks and connect with it.

4. Choose HEIMDALL as output device.

5. You can now play music directly from your device to HEIMDALL.

Note: To release HEIMDALL from the Music Direct mode, press the "Wi-Fi Setup" button once. HEIMDALL will return to its previous state.

OUTPUTS ON HEIMDALL

Connect HEIMDALL to headphones or your existing Hi-Fi system

Headphone Out (Cable):

This output allows for a 3.5 mm headphone jack to be connected. Just connect your own headphones and enjoy your music through HEIMDALL.

AUX Combo Out (Cable):

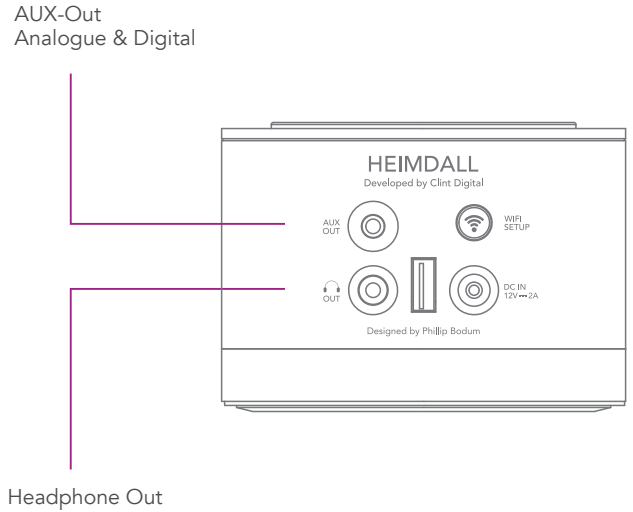
From this output you can connect HEIMDALL to your existing Hi-Fi music system.

It works as a combo output for either analogue out or optical out*. Simply connect to the input on your Hi-Fi music system to enjoy sound from HEIMDALL.

**Included adaptor must be used.*

OUTPUTS ON HEIMDALL

Connect HEIMDALL to headphones or your existing Hi-Fi system



1. Read these instructions.
2. Keep these instructions.
3. Heed all warning.
4. Follow all instructions
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracked, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lighting storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cold or plug is damaged, liquid has been spilled or object have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING:

To reduced the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Warranty:

Our Clint HEIMDALL product is of course covered by warranty but it may vary from country to country. Please consult your local dealer for more information or check Clint web site.

HEIMDALL Main Specifications:

- Wireless Wi-Fi adaptor for upgrading existing Hi-Fi system for wireless audio streaming.
- Weight: 0.3 Kg. Dimension: height 71.5 mm x diameter 100 mm.
- Headphone output and one AUX combo output for either analogue or digital connection.
- Wireless technology supported: Apple AirPlay, DLNA and Spotify Connect.
- USB port can handle up to 5V 2.4A output power for charging.
- Eco save function - HEIMDALL can go to auto standby if not used for 20 mins.

AirPlay, iPad, iPhone and iPod Touch are trademarks of Apple Inc., registered in the U.S. and other countries. iPad Air and iPad Mini are trademarks of Apple Inc.

AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and PC with iTunes 10.2.2 or later.

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

Made for:

- iPhone 6S Plus
- iPhone 6S
- iPhone 6 Plus
- iPhone 6
- iPhone 5S
- iPhone 5C
- iPad Mini 4
- iPad Air 2
- iPad Mini 3
- iPad Air
- iPad Mini 2
- iPad (4th generation)
- iPod Touch (6th generation)
- iPod Touch (5th generation)

POWER SAVING INFORMATION

Description of the automatic power saving feature.

After 20 mins with no activity your HEIMDALL can go to full stand by mode.

- Power consumption of HEIMDALL in full standby mode is 0.12W

The Wi-Fi feature of HEIMDALL can be manually disabled (or enabled) by pressing “Volume down”, “MultiRoom” and “MUTE” buttons simultaneously for 3-4 seconds.

Once again, Thank You for purchasing HEIMDALL

We hope you will have a great music experience

Your Clint Team

www.clintdigital.com

Clint®