

# buchardt

D E N M A R K

## Stereo Hub

Quick Start Guide

### CONNECTIONS:

1 x RCA in	Unbalanced	Analog	2CH
3 x Optical		Digital	2CH
1 x HDMI		Digital	2CH
1 x AUX in	Unbalanced	Analog/ Digital	2CH
1 x COAX		Digital	2CH
1 x USB Audio		Digital	2CH
1 x Bluetooth		Digital	2CH
1 x Wi-Fi		Digital	2CH



This wireless bridge features several different connection types, to enable most components available in the market.

Depending on the component you want to connect, it is recommended to use digital inputs over analogue.

- HDMI(ARC) supports digital audio from ARC enabled TV'S only. It may be required to enable digital PCM audio in your TV to use this input. Remember to activate ARC audio in your TV.
- PC/MAC input supports computer playback via USB. It supports sample rates up to 24bits/192kHz. Be noted that for this input volume must be adjusted from source.
- OPT1, OPT2, OPT3 and COAX input supports SPDIF signal up to 24bits/192kHz
- RCA input is used for line-level analogue signal.
- AUX input is combination connector; used for either 3.5mm analogue source or for 3.5mm optical input.

### REAR PANEL



#### Other ports and indicators:

USB service port	Back	Service only
DC in Power	Back	5V/3A
WISA LED	Back	Indicates wireless speaker connection status
Wi-Fi LED	Front	Home network connection
Factory reset	Back	Push this button with a pointed object to reset to factory default

## INSTALLING THE STEREO HUB

To install the Stereo Hub, perform the following steps:

- Mount the provided Wi-Fi antenna on the product rearplate. The socket is located just above the DC 5V/3A inlet on the rearplate.
- Put the Stereo Hub in a location nearby the equipment you wish to connect and within good range from your Wi-Fi router to ensure good signal quality. We recommend a distance of minimum 3m from other wireless equipment to avoid disturbances.
- Connect the audio equipment you wish to use with the Stereo Hub.
- Connect power to the Stereo Hub, using the power adaptor provided with the product.
- The Stereo Hub is now installed, and you can follow instructions for setting up Wi-Fi network, pairing speakers and remote in the following sections.

## PAIRING YOUR REMOTE

Before using the Stereo Hub, you must pair your remote with this specific Hub.

Procedure for pairing remote with Stereo Hub is:

- Connect power with your Stereo Hub.
  - Insert batteries to your remote and confirm batteries are working
  - Press-and-hold pairing button on rear panel of Stereo Hub for 4 seconds until LED starts flashing
  - Press any button on the desired remote to be used for communicating with the Stereo Hub.
- When paired you will see the LED on rear panel stop flashing. When pushing remote button, the LED on rear will blink. This confirms the pairing is successful.

Note: For some remotes, the label 'BT/Wi-Fi' is shown as 'Stream' instead.



## CONNECTING AND SETTING UP YOUR SPEAKERS

Note: The Stereo Hub works with several types of WISA speakers, please first refer to the User Guide provided with your speaker for detailed set up information based on your model.

- Start by connecting power to your speakers and your Stereo Hub.
- After powered ON, press and hold the pairing button for 3 seconds to activate pairing mode on all speakers you wish to pair with the Stereo Hub.
- When all speakers have their pairing mode enabled, press pairing button on Stereo Hub for max. 2 seconds. If held longer it starts remote control pairing.
- After pressing pairing button on Stereo Hub, the speakers should be paired within few seconds. In case a speaker fails to connect, repeat steps #2 and #3 for non-paired speakers only.
- Rear LED (WISA) of the Stereo Hub will light up when one or more speakers are connected.
- You can test the connection by applying an audio signal to an input of Stereo Hub and:
  - Power ON the speakers from remote (Power LED is ON)
  - Choose the input with signal on remote
  - Adjust volume to medium level (3 LED's on) and confirm audio playback.

## CONNECTING TO YOUR HOME NETWORK

Using Google Home APP:

Wi-Fi setup, iOS:

- Download Google Home APP from App Store. Available from below link:



- Power ON Stereo Hub. Wait for the white front LED to flash.
- Open Google Home APP and follow the instructions for setup.
- When done, Stereo Hub should be connected to your network front LED solid white.

Wi-Fi setup, Android:

- Download Google Home APP from Google Play, using below link:



- Power ON Stereo Hub. Wait for the white front LED to flash.
- Open Google Home APP and follow the instructions for setup.
- When done, Stereo Hub should be connected to your network front LED solid white.

If no smart device is available for setup, follow these steps:

- Power ON stereo Hub. Wait for the white front LED to flash.
- Use computer to connect to Wi-Fi network named: "Stereo Hub\_XXXXXX"
- Open web-browser from same computer and enter IP address: 192.168.43.1
- Follow the instructions for network setup in web browser.

## WI-FI AUDIO PLAYBACK:

### AirPlay playback:

- Make sure your device is on same network as your Stereo Hub
- From any AirPlay supporting device, you can find the AirPlay symbol, when available for playback. The symbol can be seen below. Press the symbol and choose Stereo Hub for playback.
- Stereo Hub will automatically change the input to Wi-Fi streaming and show this on the remote by blinking the lower LED.
- Volume is adjusted in the playback device or from remote.
- If another input is chosen, AirPlay will disconnect. To resume, AirPlay must reconnect like mentioned above.



### Chromecast playback:

- Make sure your playback device is on same network as your Stereo Hub.
- From any Chromecast supported APP, you can find the Chromecast symbol. Press the logo shown below and choose 'Stereo Hub' (or the name you've given it) as playback device.
- Stereo Hub will automatically change the input to Wi-Fi streaming and show this on remote by blinking the lower LED.
- Volume is adjusted from playback APP or remote.
- If another input is chosen, playback will automatically pause. Resuming the playback will change the input back to Wi-Fi streaming.



### Spotify Connect playback:

- Open Spotify APP and make sure the unit is on same network as the Stereo Hub.
- From Spotify APP you can choose 'Stereo Hub' (or the name you've given it) as playback device. Look for below icon.
- Stereo Hub will automatically change the input to Wi-Fi streaming and show this on remote by blinking the lower LED.
- Volume is adjusted from playback APP or remote.
- If another input is chosen, playback will automatically pause. Resuming the playback will change the input back to Wi-Fi streaming.



## BLUETOOTH AUDIO PLAYBACK:

- The Stereo Hub is always available for pairing with any Bluetooth audio compatible device. Go to Bluetooth settings of your device and connect with the Stereo Hub. Name should be 'Stereo Hub\_XXXXXX'
- When connection established, you can start playback immediately from any APP supporting Bluetooth playback.
- If the current input is not Airplay, Stereo Hub will automatically change the input to Bluetooth and show this on remote by illuminating lower LED.
- Volume is adjusted from playback APP or remote.
- If another user wants to playback from Bluetooth, just disconnect current user and connect new user.



## USING THE INPUTS:

### HDMI (ARC) input from TV:

1. Check that your TV has HDMI ARC (Audio Return Channel) and connect the Stereo Hub HDMI port with this input, using HDMI 1.4 or newer cable.
2. Power ON your TV, enable HDMI/ARC audio input in your TV settings. Also, in TV settings set audio output to PCM.
3. Choose HDMI input of Stereo Hub from remote.
4. For TV's supporting CEC control, you can adjust volume from both TV remote and system remote.
5. If there is no audio for 20 minutes from the active input, speaker will go to standby mode. When audio signal returns, speakers will wake up and start playback.

### PC/MAC input from computer:

1. Connect USB cable between computer and Stereo Hub.
2. Some computers will require drivers to be installed. These can be downloaded from brand website.
3. From computer, choose 'Stereo Hub' as your output device and start playback from computer. Sound should now come from the speakers at desired level.
4. Volume for this input is to be adjusted from source device.
5. If there is no audio for 20 minutes from the active input, speakers will go to standby mode. When audio signal returns, speakers will wake up and start playback.

### Digital inputs, opt1, opt2, opt3, coax and 3.5mm AUX(optical interface):

1. Any audio source or TV with SPDIF output can be connected to the Stereo Hub, using a suitable connection cable.
2. After connecting the cable between the devices, power ON the speakers, choose the corresponding input and adjust volume to desired level. All from the system remote.
3. Power ON audio source and start playback. Sound should now come from the speakers at desired level.
4. If there is no audio for 20 minutes from the active input, speakers will go to standby mode. When audio signal returns, speakers will wake up and start playback.

### Analogue inputs, RCA and 3.5mm AUX (analogue interface):

1. Any audio source or TV with analogue output can be connected to the Stereo Hub, using suitable connection cable.
2. After connecting cable between the devices, power ON the speakers, choose the corresponding input and adjust volume to desired level. All from system remote.
3. Power ON audio source and start playback. Sound should now come from the speakers at desired level.
4. If there is no audio for 20 minutes from the active input, speakers will go to standby mode. When audio signal returns, speakers will wake up and start playback.

## AUTOMATIC STANDBY

After 20 minutes with no audio signal, the speakers are required to enter standby mode, with a power consumption in correspondence with legal requirements.

## INPUT SELECTION

The input of the Stereo Hub is changed from system remote. LED indicator will show which input is chosen. Bluetooth input is identified by lower input LED on remote is illuminated. Wi-Fi based input is identified by lower input LED of remote is flashing.

## VOLUME ADJUSTMENT AND MUTE

The volume of the speakers is adjusted from system remote. LED's will indicate the level currently adjusted. For USB input, the level is fixed, due to source device must control volume in this case. Mute button on remote will mute the audio signal, but playback will continue. The speakers are unmuted by repressing mute button or volume button on remote.

## POSITION REMARK

Stereo Hub is wireless signal transmitter. To ensure stable operation, please keep a minimum distance of 3m from the Stereo Hub to other wireless equipment.

## FACTORY DEFAULT RESET

To reset the Stereo Hub to factory default condition, use a pointed object and insert into the hole on rearplate named 'reset'. Push the button and await the units to be reset. Network and remotes will need to be reconnected after this operation.

## SAFETY INFORMATION

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 our 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, bracket, 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 lightning 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 cord or plug is damaged, liquid has been spilled or object has 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.

For MAINS powered apparatus and for apparatus producing internal voltages greater than 35 V (peak) a.c. or d.c., having no protection against splashing water according to Annex A, the instructions for use shall state that 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.

A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.



This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying this product.

## LEGAL INFORMATION:

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

Apple, iPad, iPad Air, iPad Pro, iPhone and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries. AirPlay works with iPhone, iPad, and iPod touch, or Mac and PC with iTunes.

Chromecast built-in is a trademark of Google LLC.

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