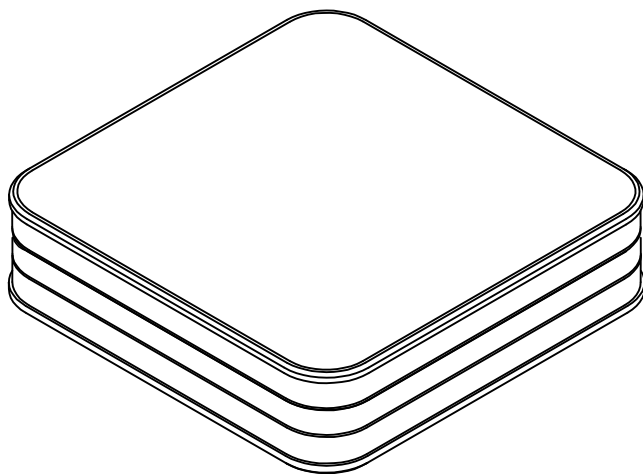


**EC LIVING**  
BY ELECTROCOMPANIET

QUICK START GUIDE



# RENA SA-1

**S** WIRELESS  
AUDIO  
STREAMER

**A** 2x75W  
STEREO  
AMPLIFIER

EN

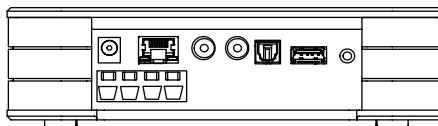
# ENGLISH

## INTRODUCTION

*Welcome to the world of Electrocompaniet! Through more than 40 years of ceaseless practice, we learned how to combine timeless Scandinavian design and innovative thinking to give you the purest possible experience of music and sound. EC Living, not only combines all of that into one small package, it also embeds in itself the technologies of tomorrow, granting you access to all your favourite Music Streaming Services at your fingertips.*

## PACKAGE CONTENT:

- 1pc. RENA SA-1 Streamer & Amplifier
- 1pc. Power cable ( 220V)
- 1pc. Power supply ( 34V DC)
- 1pc. Quick Start Guide



## UNPACKING

Immediately after receiving the Rena SA-1 streamer, inspect the carton for possible damage during shipment. The carton and packaging have been designed to provide the safest possible protection for transport of your Rena S-1 streamer. Unpack the unit carefully. Save all packaging materials for possible future shipments.



### Manuals and documents in other languages

Electrocompaniet has a green profile and as part of that we reduce the volume of documentation included in the box. You can find manuals, more documents and other material on our web page.

# FIRST TIME SETUP

The system supports multiple ways of doing this first time setup:

## RECOMMENDED

### 1. Initial setup based on cable connection.

(Go to page 4)

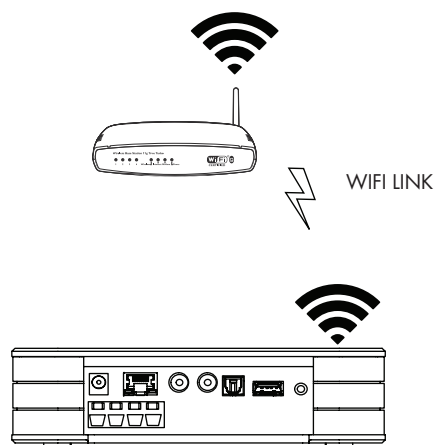
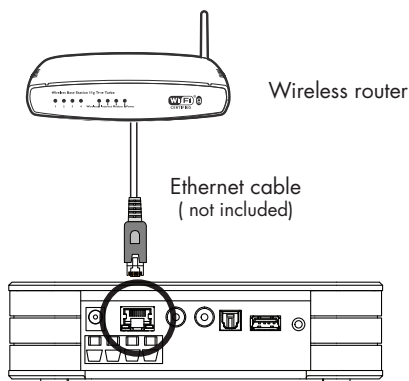
OR

## ALTERNATIVE SETUP

### 2. Initial setup based on Wireless connection

(Go to page 9)

*If you don't have access to a router or can't connect the system using an Ethernet cable, please go to page 9 to set up the system wirelessly."*



# INITIAL SETUP PROCEDURE WITH A CABLE CONNECTION

*The first time you set up your EC LIVING RENA S-1 Streamer.*

## RECOMMENDED

### Download the "EC Remote" App

The free App is available at Apple store or Google Play. Search for: "EC remote" or "Electrocompaniet"



OR

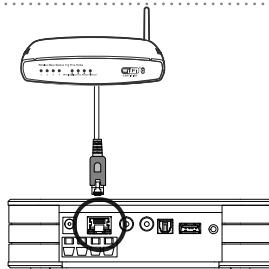
## ALTERNATIVE

Use your PC, Mac or Linux machine with a web browser

### Connect to your router

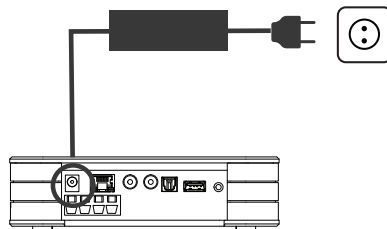
In order to establish a Wi-Fi connection you have to use a LAN cable which connects to your local network, or directly to your router.

*\*LAN cable is not included. Please use any standard RJ45 cable.*



### Connect the power cable

Power up the RENA SA-1 by connecting the power cables included in the box.



*After connecting the power and network cable, it is a good idea to wait about 20 minutes for any software updates to be installed.*

## FOLLOW THE ON-SCREEN INSTRUCTIONS

### RECOMMENDED

#### Start your "EC Remote" App

As long as you have downloaded the App following the previous instructions, you will find the App where you normally find other Apps on your device. The first thing to do is to select your new RENA SA-1

Tap **ZONE BUTTON**



Now select your RENA SA-1. For example the unit name can be "RENA - 7". If no name is listed, tap the refresh icon at the top bar to rescan for your RENA SA-1. When you find your unit, tap on the name to start the setup.



#### Begin the Initial Setup

Simply tap **START** to begin the setup of the new EC Living system.



#### Select your language

Just select your language. It will send you automatically to the next screen.



#### Name your EC Living unit *(Give your unit a zone name if you plan to expand)*

You can give your RENA SA-1 any name you want. Examples of name is Livingroom, Bedroom... Tap **ENTER** or Return on the keyboard when you have entered your unit name. Tap **Next** (upper right corner) when you are done.



### ALTERNATIVE

#### Use a web browser

Enter the address of your EC Living system in the web browser.

If you are using a Mac or Linux machine, this will be "RENA-<number>.local". Where <number> are the last 4 digits of the serial number, excluding leading zeros (e.g. "RENA-565.local").

On a PC, please enter the system's IP address.

You may find this address in your router, by referencing the EC Livings MAC address.

Please follow your router manufacturer's instructions for finding an IP address given a MAC address.

OR



*A Zone is the name we use for the area this device is planned to cover. Typical Zones could be livingroom, bedroom, kitchen etc.*



EN

English

## Audio Settings

Choose the type of speaker that you've attached to the RENA SA-1. For example, "small" for speakers small enough to hold in your hand, or "bookshelf" for speakers placed on benches and in bookshelves." Tap **Next** (upper right corner) when you are done.



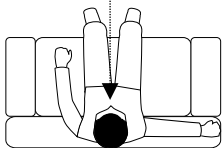
### SETUP 1 : CONNECTING PASSIVE SPEAKERS

Connect a passive speakers to a speaker terminals at the rear panel of RENA SA-1. (If you are using a tablet, drag a speaker icon to Left or Right position, tap on the output icon to play a test tone.) If you are using a smartphone select the position from the pop-up menu. (Tap on the output icon to play a test tone.) If output icons are missing, tap on SCAN to search, then repeat SETUP 3 from beginning.

Tap **Next** (upper right corner) when you are done.



figure 1



### SETUP 2: STANDALONE WIRELESS SPEAKER CONFIGURATION ( TANA L-1)

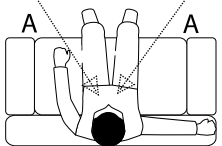
Position your speaker for a STANDALONE setup (figure 1).

Next step is to identify your Add-on wireless speaker for a standalone setup. If you are using a tablet, you will see a speaker icon placed at the middle, tap on a speaker to play a test tone. If the speaker icon is missing, tap on SCAN to search for it. Drag the speaker into the correct position when it's detected, ( if you are using a tablet), or select the position from the pop-up menu ( if you are using a smartphone).

Tap **Next** (upper right corner) when you are done.



figure 2



### SETUP 3 : STEREO WIRELESS SETUP CONFIGURATION ( 2 x TANA L-1 )

Position your speakers for a STEREO setup (figure 2).

If you are using a tablet once the speaker is detected, drag the speaker from the bottom line to the correct position (Right - Left).

If you are using a smartphone select the position from the pop-up menu. (Tap on a speaker to play a test tone.)

If speakers icons are missing, tap on SCAN to search, then repeat SETUP 2 from beginning.

Tap **Next** (upper right corner) when you are done.





## ADDING AN ADD-ON SPEAKER TANA L-1 FROM THE SETTINGS MENU ( if you buy an Add-on speaker later)

Go to **SETTINGS** -> **OUTPUT SETTING** -> **SPEAKER CONFIGURATION**.  
Follow instructions from **SETUP 2**.

### Test of audio output

Tap the button **START TEST**. A standard “white noise” sound should be played on all paired speakers. Wait until the test sound stops.  
Tap **Next** (upper right corner) when you are done.

### Check the Internet access

The system will now check the internet connectivity. If the system finds a stable internet connection the spinning circle will be replaced with a green mark.  
Press **Next** (upper right corner) when you are done.



### Include your music files

“Add libraries” let’s you access your music stored on other devices through EC Living. You can do this later under the **SETTINGS** menu from the main menu.

### Music services login

Choose your streaming service and fill in your Wimp, Tidal and/or Qobuz account details. You can also do this later at any time in the **SETTINGS** menu from the main menu. Tap **Next** (upper right corner) when you are done.

### You are done, tap **FINISH** or **NEXT** to complete

You have now completed the setup of your system. For test, please select **Internet radio** from the main screen. Swipe left to select *Top100* stations and pick a station to test the system.

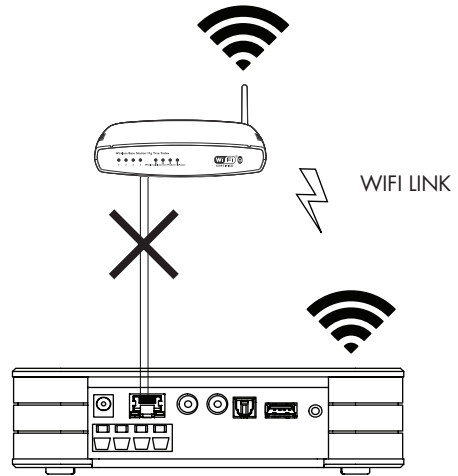
## ENABLING WIRELESS CONNECTION

*This step is only necessary if you want the system connected to your wireless network. If you want to continue using wired connection (LAN cable), simply skip this page.*

*(We recommend using wired connection if possible to reduce Wi-Fi traffic and achieve best possible stability for the system.)*

### Wireless network setup:

1. Tap **SETTINGS** at the main menu.
2. Tap **NETWORK**
3. Scroll down and tap **CONNECT TO NETWORK**
4. Select your wireless network. (Mobile/tablet must be on the same network)
5. Enter your password, tap "Join" or "OK"
6. Remove the LAN cable and wait until the ZONE button appear. Tap ZONE and reselect your EC Living system.



***If you loose connection with the system, reconnect the network cable and check your network password carefully.***



## PERFORMING THE INITIAL SETUP WIRELESSLY

*The first time you set up your EC LIVING RENA S-1 Streamer.*

### RECOMMENDED

#### Download the "EC Remote" App

The free App is available at Apple store or Google Play. Search for: "EC remote" or "Electrocompaniet"



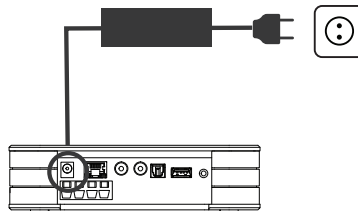
OR

Use your PC, Mac or Linux machine with a web browser



#### Connect the power cable

Power up the RENA SA-1 by connecting the power supply included in the box. Before continuing, check that you have a glowing light at the top of the RENA SA-1.



### RECOMMENDED



#### iOS Apple devices:

1. Go to settings -> WiFi.
2. Wait until you see on the right side an entry under "SET UP NEW AIRPLAY SPEAKER" on the lower part of the display. The unit will appear as RENA - <serial nr.>. Select it. Follow the steps on screen. ( Leave the password empty )
3. Start the EC remote App and follow the instructions ( page 5 )

OR

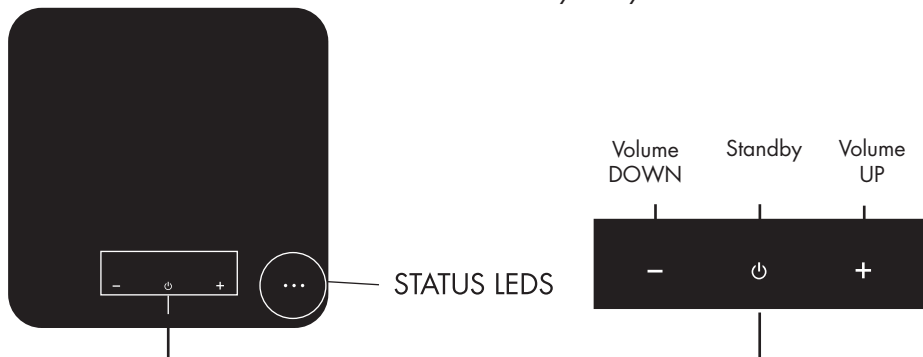


#### Android devices:

1. Go to settings -> WiFi
2. Select the system access point in your Wi-Fi settings. The access point will be named after your system and serial number. For example, "RENA -10",
3. Start the EC remote App and follow the instructions ( page 5 )

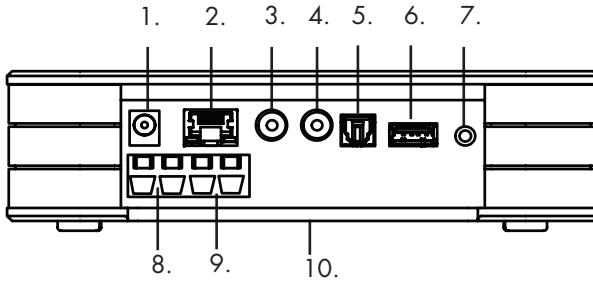
## RENA S-1 STATUS INDICATORS

*There are three status LEDs indicating the status of your system.*



	<b>System state</b>	<b>Led state</b>	<b>Colour</b>
	Start-up	Flashing fast, then on only for 10s	Green
	Scanning library	Flashing slow. Will turn off when the scanning is completed	Green
	No network	Solid	Orange
	Updating DSP firmware	Heartbeat blink pattern	Orange
	Connecting to paired speakers	Flashing slow	Orange
	Overtemperature	Flashing fast	Red
	Recovery	Solid	Red
	Recovering USB	Solid	Green/Red
	Ready for Airplay WAC setup	Solid	Green

# REAR PANEL OVERVIEW



1. Power Socket (34V DC)
2. Gigabit Ethernet (RJ45)
3. COAX S/PDIF digital Output
4. COAX S/PDIF digital Input
5. TOSLINK S/PDIF digital Input
6. USB Port (HDD, Memory stick)
7. ANALOG LINE output
8. Speaker terminal RIGHT
9. Speaker terminal LEFT
10. Reset button ( at the bottom)

## SUPPORTED PROTOCOLS

All audio streamers are fully wireless including the connection to add-on speakers and/or subwoofers. They all support the protocols below:

### Cloud

- AirPlay
- Tidal
- Spotify
- Qobuz
- WiMP
- Internet Radio

### Local/ Network:

- SMB
- NFS
- USB storage
- UPnP, as renderer



Supported audio formats: All popular formats including: WAV/WAVE, MP3, AAC+, Vorbis, ALAC, FLAC, APE, WMA, up to 192kHz /24bit, DSD, up to DSD 128 (5.6 MHz)




*This list is continually expanding. This guide contains information that is subject to change without notice. Please refer to our website for the latest updates.*

## TIPS AND TROUBLESHOOTING

### Streaming from Apple devices

On Apple devices, it is possible to stream all audio from your iPhone/iPad to the EC Living via "AirPlay". This is represented by this symbol 

We recommend to **not** use "AirPlay" when playing from Spotify, Wimp, and Tidal. Instead, use our EC Remote App to control playback.

For Spotify, use Spotify connect, as represented in the Spotify App by the speaker icon  This will allow EC Living to stream directly from the internet, which optimizes the bandwidth, and saves battery life on your iPhone/iPad.

### Connecting to WiFi

We recommend that the EC Living has a link quality of minimum 70%, and better than 40 Mb/s link speed. This can be verified in our App, in the Settings -> Network menu. Higher link quality and speed is recommended for a better user experience. We recommend a wireless AC router with MIMO technology for maximum performance.

### Resetting your system

If your system acts strangely, it can be reset to its default settings by using a paperclip to press the RESET button on the bottom of the unit ( see illustration "rear panel overview") The yellow led will blink a few times, after which the green led on top of the speaker will start to blink. The unit will have restarted into the initial setup and you can then follow the steps in this quick start guide.

To fully reset the software of the system, please go to support chapter of our [electrocompaniet.no/ecliving](http://electrocompaniet.no/ecliving) website and follow the instructions for software download.

### "SET UP NEW APRIPLAY SPEAKER"

If aplay speaker is not shown, or my unit does not appear there. Make sure that the green LED on top of the unit is on. If it is off, press the RESET button on the bottom of the device. This resets and restarts the unit, and it will be back online in about one minute.

If the LED still not turns on green, please contact support. If the LED is on but the unit still does not appear, please temporarily connect the unit to the network by Ethernet cable, and follow the steps under at page 4.

## SERVICE AND SUPPORT

Your dealer will have all relevant information regarding the service centers in your area, and will ensure that your unit is serviced with minimum delay. It is our general policy to have your unit returned to you within five working days. This is an average time, and can vary locally, depending on the workload at that particular service station. If, for some reason, there are no service facilities available in your country, please ship the unit to the following address:

Electrocompaniet AS,  
Breivikveien 7,  
N-4120 Tau,  
Norway  
Web: [www.electrocompaniet.no](http://www.electrocompaniet.no)

### **Service and support department: [www.ecliving.no/support](http://www.ecliving.no/support)**

The end user is responsible for all shipping charges, insurance, re-importation and duty charges. When shipping a product to the factory for service, always include the following:

1. A sales slip or other proof of purchase if repair is claimed under warranty.
2. A proforma invoice with value of goods, stating that the RENA SA-1 is returned to Norway for repair.
3. An accompanying letter describing faults, symptoms, or problems with the unit.
4. Always ship the unit in its original carton and packaging material to prevent damage in transit.

Electrocompaniet will not cover damages incurred in transit. If you require further information concerning the operation of the unit, or if you have any questions related to service, please do not hesitate to contact your dealer or your national distributor.

### **Warning!**

To avoid risk of fire or electric shock, do not expose this appliance to rain or moisture.

Verify line voltage before use.

Do not remove cover. No user serviceable parts inside.

Refer servicing to qualified service personnel.

The warranty is void if the product is tampered with by non-authorized personnel.

Use only authorized Electrocompaniet service center.







ELECTROCOMPANIET

If music *really* matters™

[www.ecliving.eu](http://www.ecliving.eu)

Designed and produced in Norway

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