EC LIVING
BY ELECTROCOMPANIET

TANA **SL2 / L2**

WIRELESS SPEAKERS   **QUICK START GUIDE**

TABLE OF CONTENTS

INTRODUCTION

Welcome to the world of Electrocompaniet! Through more than 40 years of ceaseless practice, we've 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:

• 1 pc. TANA SL2 or L2 Wireless speaker

• 2 pcs. Power cables 220V and 110V

• 1 pc. Quick Start Guide

QUICK
START
GUIDE
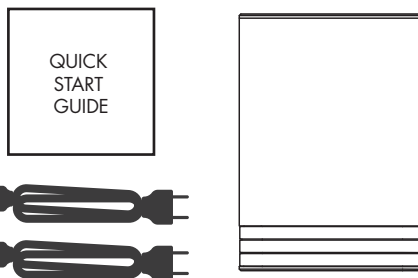
UNPACKING

Immediately after receiving the wireless speaker, 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 wireless speaker. Unpack the unit carefully. Save all packaging materials for possible future shipments.

BAY AREA
GREEN BUSINESS
Environmental Values at Work

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 www.electrocompaniet.com
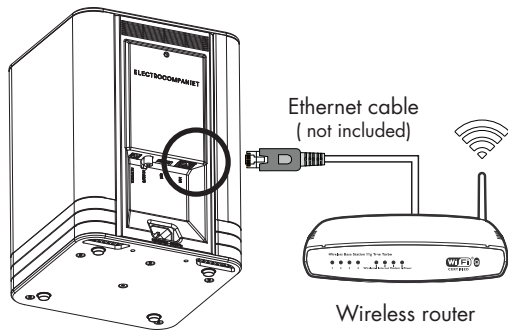
FIRST TIME SETUP

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

Ethernet cable
(not included)

Wireless router

OR

WIFI LINK
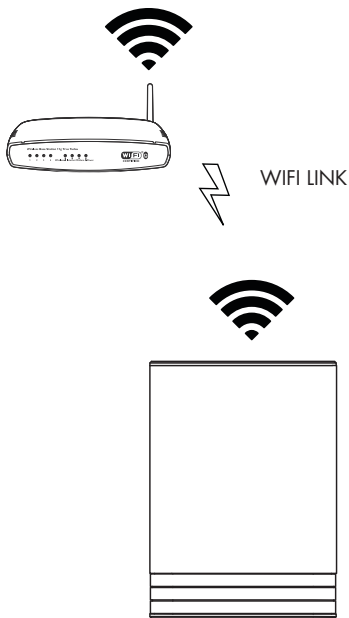
INITIAL SETUP PROCEDURE WITH A CABLE CONNECTION
The first time you set up your EC LIVING TANA SL2.

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

Download on the App Store

GET IT ON Google Play

OR

Use your Windows PC, Mac or Linux computer with a web browser.

Connect to your router
In order to establish a network connection you have to use a LAN cable which connects your TANA SL2 to the local network, or directly to your router.

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

Ethernet cable
(not included)
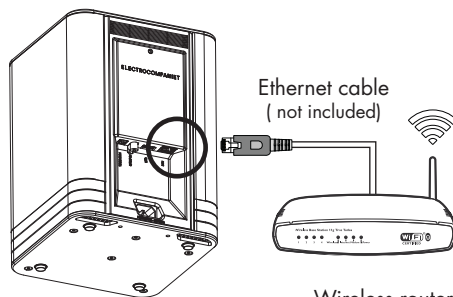
Wireless router

Connect the power cable
Power up the TANA SL2 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.

SETTING UP THE TANA SL2
FOLLOW THE ON-SCREEN INSTRUCTIONS

Start your "EC PLAY" App

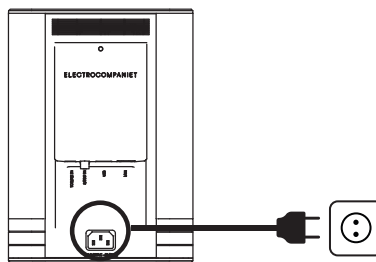As long as you have downloaded the App following the previous instructions, you will find the App where you normally find other Apps on your device.

1. Start the App.

2. Press the "setup a new system" in the app. Follow the on-screen instructions in the app to setup your system.

OR

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 "TANA-<number>.local". Where <number> are the last 4 digits of the serial number, excluding leading zeros (e.g. "TANA-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.

You are done, tap Continue to complete

You have now completed the setup of your system.
For test, please select **Radio** from the main screen.
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.)

(!) Please note that there is no benefit in using both wireless and cabled connections. Use one or the other

Wireless network setup:
1. Start the EC PLAY App.
2. Tap **MORE button** at the bottom right menu.
3. Tap **NETWORK.**
4. Scroll down and tap **CONFIGURE WIFI .**
5. Select your wireless network. (Mobile/tablet must be on the same network)
6. Enter your password, tap "Join" or "OK"
7. Remove the LAN cable and wait until the Rooms button appear.
   Tap Room and reselect your TANA SL2.
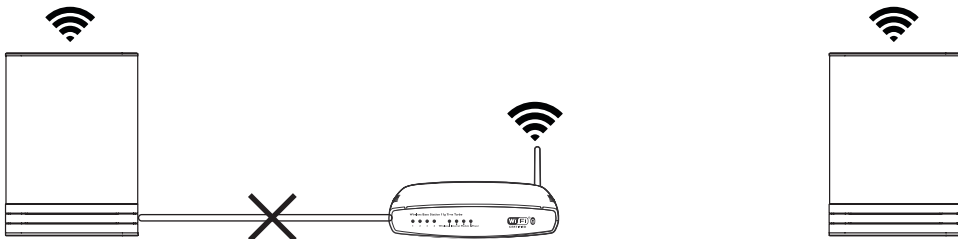
(!) *If you loose connection with the system, reconnect the network cable and check your network password carefully.*
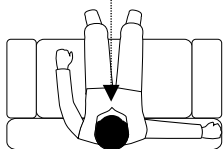
SPEAKERS POSITIONING

SETUP 1: STANDALONE SPEAKER CONFIGURATION (TANA SL2)

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

2. The Tana SL2 will automatically identify itself as "front center" speaker, and act in mono.
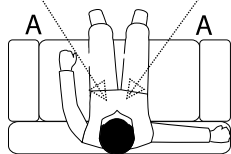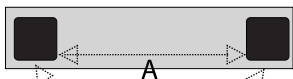
figure 1

SETUP 2 : STEREO SETUP CONFIGURATION (TANA SL2 + TANA L2)

Position your speakers for a STEREO setup (*figure 2*).
The app will automatically identifies nearby Tana L2 speakers, and indicate this by a "red dot" on the "more" menu. Enter the more menu, and press the "assign all" dialog box popping up. Here you can assign the left or right position of your L2/SL2 by pressing the speaker icon. You can play a test sound to identify the speakers. When done, press the back arrow to return to the main menu.

If speakers are missing, tap on **"Find new Wireless Speakers"** to search for it, then repeat this step from the beginning.

figure 2

In the EC PLAY App, the TANA SL2 speaker symbol has a small "wireless icon" .

PERFORMING THE INITIAL SETUP WIRELESSLY

The first time you set up your EC LIVING TANA SL2

Download the "EC PLAY" App

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

OR

Use your Windows PC, Mac or Linux computer with a web browser.

Download on the App Store

GET IT ON Google Play

Connect the power cable

Power up the TANA SL2 by connecting the power supply included in the box. Before continuing, check that you have a glowing green light at the top of the TANA SL2.
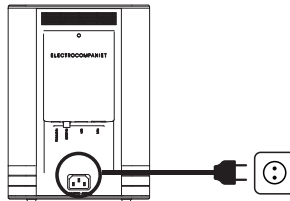
iOS Apple devices:

1. Start the EC Play app, and choose "setup a new system".

2. Choose the Tana when it pops up and connect it to your chosen network.

3. Wait for EC play app to finish the setup.

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, "TANA-10",

3. Start the EC PLAY App and follow the instructions (page 6)

TANA L2 SET UP PROCEDURE: PAIRING THE SPEAKERS

To complete this procedure you will need a streamer, for example (TANA SL2 speaker & streamer).

Check if the streamer is ON

If not, turn on TANA SL2 Speaker & Streamer, before proceeding to the next step.

Power indicator
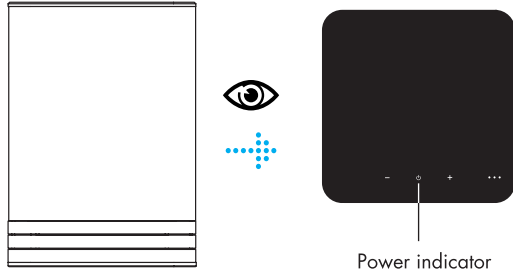
Connect the power cable

Power up the TANA L2 by connecting the power cable included in the box. Before continuing, check that you have a glowing Standby logo, on top of the unit.

ELECTROCOMPANIET
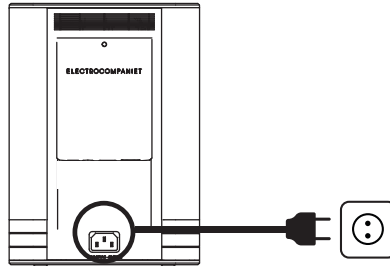
Pair TANA L2 Add-on Speaker

Start you preinstalled "EC PLAY" App.
Go to **More -> Speakers & Outputs -> Tap on the "Edit Configuration" button** and position your speakers for STEREO setup.

Tap on any speaker to play a test tone. If speakers are missing, tap on **"Find new Wireless Speakers"** to search for it, then repeat this step from the beginning.

* TANA SL -2 speaker symbol has a small "wireless icon" at the top corner.
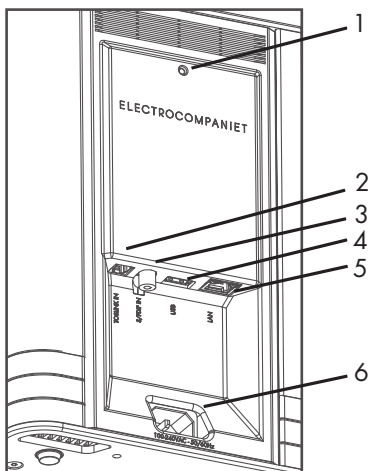
REAR PANEL OVERVIEW

1. Reset button

2. TOSLINK S/PDIF digital Input

3. COAX S/PDIF digital Input

4. USB Port (HDD, Memory stick)

5. Gigabit Ethernet (RJ45)

6. Power Socket

SUPPORTED PROTOCOLS

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

- Apple® AirPlay 2*
- Tidal ®
- Tidal ® Connect
- Spotify ®
- Spotify ® Connect
- Qobuz ®
- Roon Ready

- Internet Radio
- Bluetooth ®
- SMB
- NFS
- USB storage
- UPnP 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.

TANA SL2/L2 STATUS INDICATORS

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

STATUS LEDS

–	⏻	+
Volume DOWN	Standby/ Favorite	Volume UP
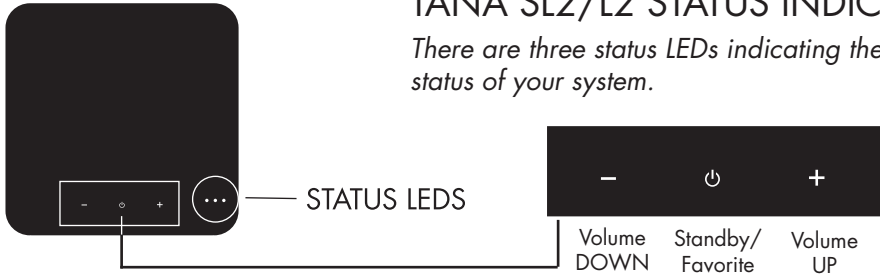
TANA SL2 /L2

	System state	Led state	Colour
☀ ○ ○	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
○ ○ ☀	Bluetooth pairing	Flashing fast for 1 minute	Red

TANA L2 ONLY

○ ☀ ○	Connecting to paired speakers	Flashing slow	Orange
○ ○ ☀	Audio Clipping	Flashing fast (rhytm of clipping)	Red

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 and Tidal. Instead, use our EC PLAY App to control playback.
For Spotify, use Spotify connect, as represented in the Spotify App by the device 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 More -> 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 rear side of the unit (see illustration "rear panel overview at the page 11") 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 Firmware and Software chapter under support on www.electrocompaniet.com and follow the instructions for software download.

"SET UP with Apple iOS phone or tablet"

Tana speakers can wirelessly be setup from within the EC Play app if you have an iOS® phone or tablet, with Apple Wireless Accessory Configuration. When the Tana SL-2 is powered up for the first time and not connected to the network with a cable, the yellow led lights up, indicating the unit is not connected to any networks. After 15 seconds, green LED lights up indicating the unit is ready for setup with WAC. Make sure the phone or tablet is connected to the wireless network you want the Tana SL-2 to be connected to.

Open the EC Play app and tap the "setup a new room". The Tana SL-2 will be visible, choose it. now you can choose which network the Tana SL-2 should connect to. (The default is the network you phone, or tablet is connected to). Choose the network and tap "continue". After the wireless settings are transferred to the speaker, it will connect to the wireless network and be ready for use.

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,
Teknologivegen 2,
4120 Tau,
Norway
Web: www.electrocompaniet.com

Service and support department: http://support.electrocompaniet.com/

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 TANA SL2/L2 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 top cover. No user serviceable parts inside.
Refer servicing to qualified service personal.
The warranty is void if the product is tampered with by non-authorised personnel.
Use only authorized Electrocompaniet service center.

TECHNICAL SPECIFICATIONS

TANA SL2

- 32 bit floating-point DSP audio processing
- 150 W Class AB amplifier
- Two-way passive radiator acoustic design
- Replaceable decorative stripes
- Rigid metal enclosure

STREAMING PLATFORM
- EC Software Engine

CONNECTIONS
- USB external storage
- TOSLINK optical SPDIF input
- COAX SPDIF input

- Gigabit Ethernet
- 802.11 AC WiFi with MIMO
- 96 kHz/24 bit proprietary dedicated wireless speaker network

STREAMING SUPPORT
- Apple® Airplay 2*
- Spotify® Connect
- Tidal® Connect
- Qobuz®
- Roon Ready
- Internet Radio
- DLNA® renderer
- Bluetooth®

SUPPORTED FORMATS
- All popular fo rmats including: WAV, MP3, AAC+, Vorbis, ALAC, FLAC, APE, WMA,
  PCM up to192 kHz/24 bit, DSD up to DSD128

DIMENSIONS – WEIGHT
- Width: ......180 mm / 7.1"
- Depth: ......180 mm / 7.1"
- Height: .....250 mm / 9.9"
- Weight: ... 7 kg / 15.4 lbs

TANA L2

- 32 bit floating-point DSP audio processing
- 150 W Class AB amplifier
- Two-way passive radiator acoustic design
- Replaceable decorative stripes
- Rigid metal enclosure
- WiSA® Certified

CONNECTIONS
- 96 kHz/24 bit proprietary dedicated wireless speaker network

DIMENSIONS – WEIGHT
- Width: ......180 mm / 7.1"
- Depth: ......180 mm / 7.1"
- Height: .....250 mm / 9.9"
- Weight: ... 7 kg / 15.4 lbs

LICENSES AND TRADEMARKS

Spoitfy is a registered trademark of Spotify AB.

The Spotify Software is subject to third party licenses found here:
https://www.spotify.com/connect/third-party-licenses

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

Android™ is a trademark of Google, Inc.

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

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Tidal is a registered trademark of TIDAL MUSIC AS.

Qobuz is a registered trademark of XANDRIE SA.

All other products and services mentioned may be trademarks or service marks of their respective owners.

Copyright Protection

Reverse engineering or disassembly is prohibited. Part of the software is open-sourced under the GPL license. Please contact us for availability.

ADDITIONAL SERVICES INSTRUCTIONS

How to use Spotify Connect

Spotify *A better way to listen at home. Listen on your speakers or TV, using the Spotify app as a remote. Enjoy the music together.*

How to use Spotify Connect	Use your phone, tablet or computer as a remote control for Spotify. Go to **spotify.com/connect** to learn how.

How to use Tidal Connect

TIDAL connect *Stream your favorite music seamlessly from the cloud straight to your devices.*

Option 1: Open the EC Play app and press on Tidal Connect at the Browse screen (Tidal App has to be preinstalled on your device.)

Option 2: In the TIDAL app, open the "Now Playing" screen while playing a song.

2. On the "Now Playing" screen, look for the [icon] icon.

3. Choose a TIDAL Connect enabled device from the list. It's that simple.

ENABLING **Bluetooth**

To enable Bluetooth pairing, hold the power button at the top of the unit for 5 seconds. The red LED will start flashing and a beeping sound is heard in the speaker, indicating the unit is in pairing mode. Go to the Bluetooth settings on your phone or tablet to find and pair the unit. Subsequent Bluetooth connections from the same unit does not require pairing. Pairing can also be enabled from inside the app under More - Bluetooth.

ELECTROCOMPANIET

If music really matters™

DEALER
STICKER
HERE

LOCAL DEALER