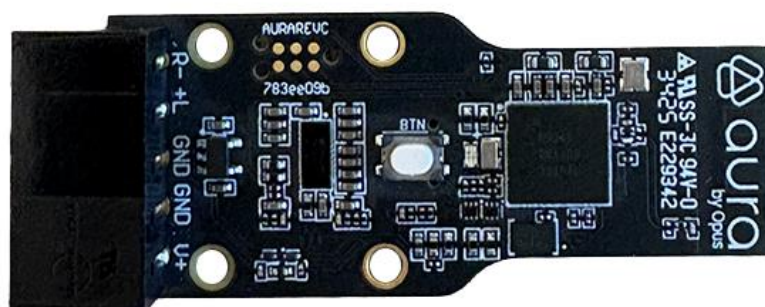




AurOEM Installation Manual

V1.0 – 2026 – Series 1

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I. Safety Instructions

Important Information and Intended Use

Important Safety Instructions

- Read and retain these instructions along with the instruction manual. Make sure to pass on these instructions when transferring the product to third parties.
- Observe all warnings and follow the instructions provided.
- This product can amplify sound to a high level. To protect your hearing, always start by setting the volume to a low level before using headphones, then gradually increase the volume if necessary.
- Do not allow children or unauthorised persons to use this product without supervision.
- If you wear a medical implant or use a medical device, consult your doctor or the implant manufacturer before using the AurOEM.
- Avoid prolonged exposure to direct sunlight.
- Do not store the product near heat sources such as radiators or cookers.
- Protect the device from rain and moisture.
- Clean only with a dry cloth. Do not use cleaning liquids.
- Entrust any repairs to a qualified technician if the board is damaged, exposed to moisture, or not functioning correctly.

1. Electronic Waste Recycling

The crossed-out bin and packaging recycling symbols provide information on waste management.

In accordance with environmental regulations, this product must not be disposed of with household waste. Electrical and electronic equipment contains reusable materials as well as hazardous components that may be harmful to the environment and human health if not recycled correctly.

Please return this product to a designated collection point for electronic waste recycling or contact your local retailer to find out about take-back procedures.

By doing so, you contribute to environmental preservation and sustainable development.

Meaning of the logos you will find on products and packaging:



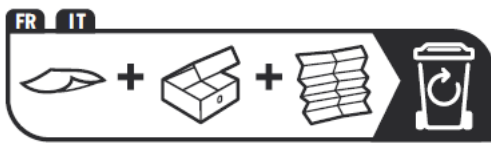
The mandatory Triman logo means that the packaging meets a specific sorting instruction.



The crossed-out bin logo means that the product in question (and not the packaging itself) must not be thrown in standard household waste bins.



This logo with the blue pictogram is intended for Spain, packaging **in paper and cardboard** must be placed in blue bins for appropriate recycling.

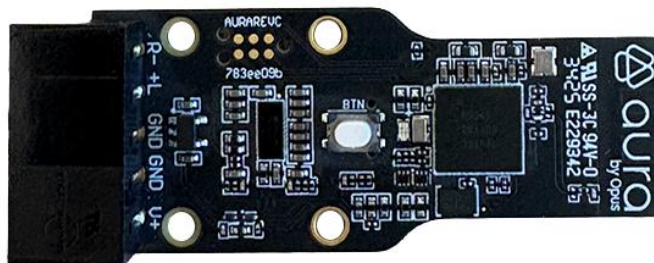


This logo means that the installation manual and packaging can be placed in recycling bins.

II. Description

AurOEM is a compact electronic board integrating Auracast™ technology, designed to facilitate its integration into your products and systems.

This subsystem solution enables manufacturers and integrators to save time in developing their audio solutions while benefiting from cutting-edge technology.



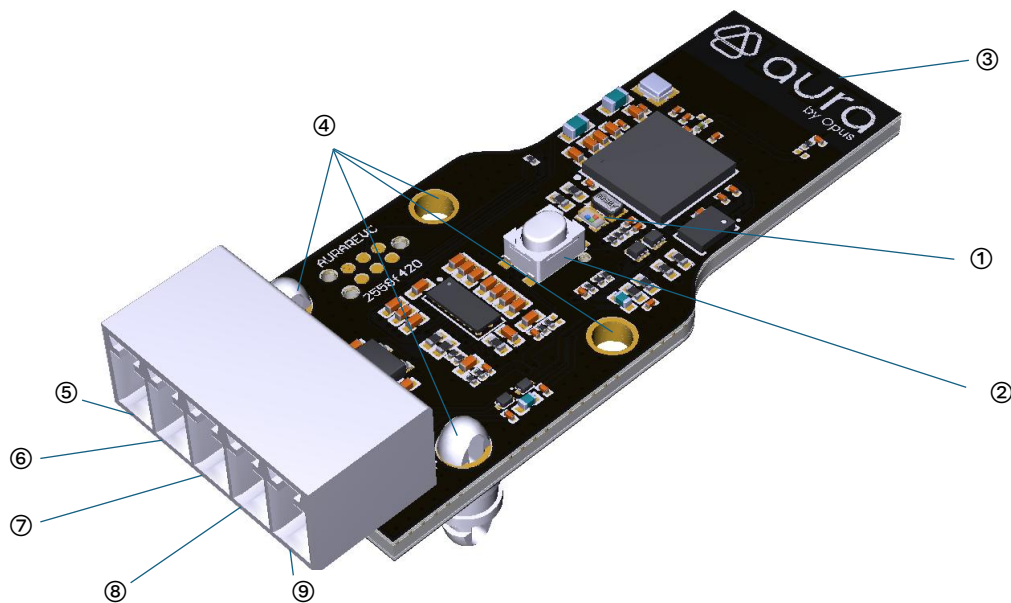
AurOEM is intended for all stakeholders wishing to easily integrate Auracast™ audio broadcasting into their equipment, whether for end products or third-party systems.

Thanks to its compact form factor and ease of integration, AurOEM helps reduce technical constraints and accelerate time to market.

Developed by Opus Technologies, this solution draws on recognised expertise in the field of embedded audio systems and Auracast™ technologies.

It thus enables industry players to focus on their core value: innovation, differentiation and optimisation of the user experience.

1. Product Composition



① - Status LED (white flashing: configuration, red: fault, contact support, blue: normal, blue flashing: paused)
② - Maintenance button for configuration

③ - Antenna

④ - Spacer

⑤ - If stereo configured: right earphone / If mono configured: pin -

⑥ - If stereo configured: left channel / If mono configured: SIG +

⑦ & ⑧ - GND

⑨ - VP + (5volts – 12v / 100mA)

2. Regulations

In order to comply with current standards, it is necessary to indicate the presence of a hearing loop solution by affixing the stickers provided.

3. Technical Specifications

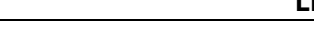
AUDIO INPUT	
LINE Level	Mono (differential or non-differential) or stereo

BLUETOOTH AUDIO OUTPUT	
Bluetooth	Auracast
Audio quality	16 kHz, 24 kHz, 48kHz
CODEC	LC3

POWER SUPPLY	
Voltage / Current	5 Vdc / 100mA
Connector	5 pins, 3.5mm

TECHNICAL CHARACTERISTICS	
Average consumption	25 mA
Protections	Thermal resistance / overload
Auracast range	5 to 30 m
Operating temperature	From 0°C to 40°C

PRODUCT CHARACTERISTICS	
Dimensions	20.5x48x11.6mm
Net weight	5g
Packaging	Cardboard

LED DISPLAY	
Information	 - White flashing: configuration - Red: fault, contact support - Blue: normal - Blue flashing: paused

III. Auracast Configuration & AuraConnect.

Important information ⚠

Auraloop units, when shipped from the factory, are delivered with a predefined broadcast name in the following format: "Reception_xxxx". You will then be able to modify this broadcast name as well as the Auracast parameters of the AurOEM via AuraConnect:

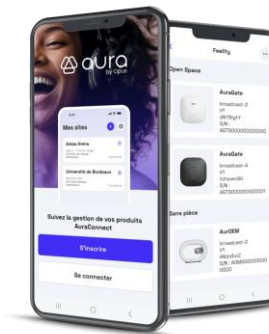
- Transmission power
- Sampling frequency
- The name
- The password)

1. Overview

The **Aura by Opus** solution has been designed to simplify configuration as much as possible for the installer. All settings for the **AurOEM** are managed via the **AuraConnect** application.

Download **AuraConnect** from the App Store or Play Store by scanning the QR Code below or by searching directly for **AuraConnect** (no spaces) in your app store.

AuraConnect makes it easy to configure and manage Aura by Opus products in just a few clicks.



The application offers 2 levels of use:

- Installers
- Owners.

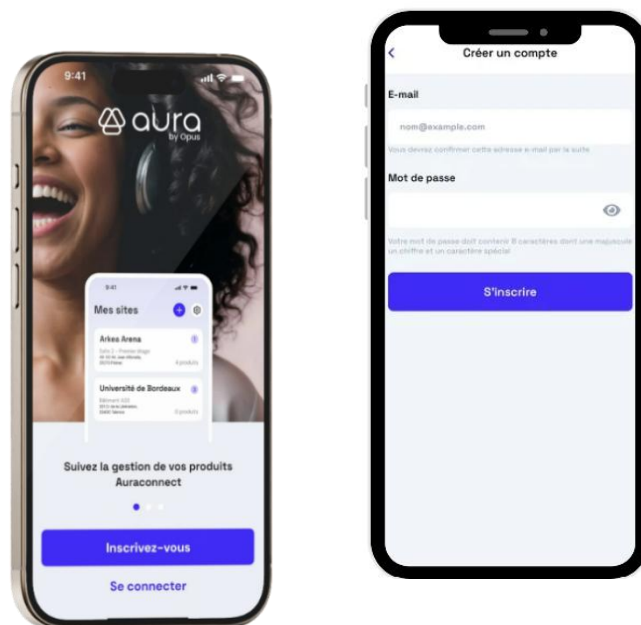
It allows you to:

- Create installation sites, add rooms to them, then integrate AuraByOpus products into each one
- Create user groups within a company in order to track installations carried out by members of the same company or organisation.
- Configure and update products

The following sections detail how to connect to the application step by step and how to configure/update an Aura product.

2. Creating a User Account

Go to the application, then create your account by following the on-screen instructions.

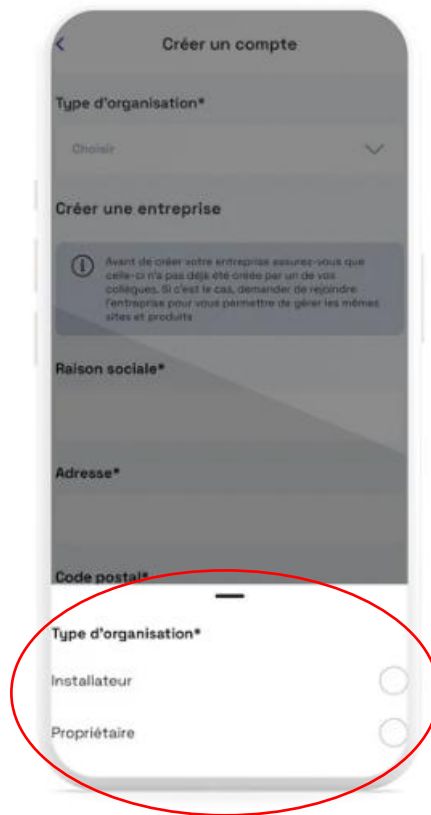


If you lose your password, you can easily create a new password from the application. The email address provided by the user to create their account should preferably be accessible from their smartphone to facilitate account creation and password recovery (account validation is received by email and the password recovery link redirects directly to the AuraConnect application).

If you do not have access to your email and you are the product owner, please contact support@opus-technologies.fr for assistance. Opus reserves the right to request proof of purchase for a complete application reset and product transfer to a new account.

Account Type Selection

There are 2 roles in the AuraConnect application that provide access to different services:



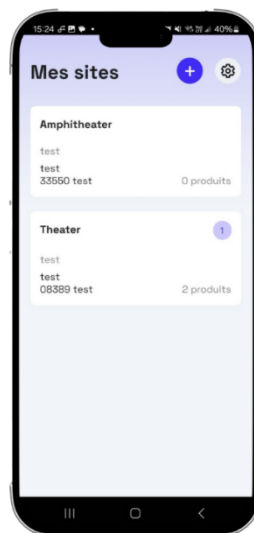
Installer: The installer is responsible for the installation and configuration of products. Their role also includes creating an account for the product owner using an email address. After creating an installer account, you will need to create your client's owner account before beginning product configuration.

Owner : As an owner, the user is fully responsible for the products. They can change installer at any time. If necessary, they can contact our customer service (see end of installation manual) to regain access to their product fleet. A purchase invoice and the serial number (QR Code) associated with the product will be required.

Multiple installers can work on the same installation. When a new installer configures an installation with the same email address, the owner will have access to all sites assigned to them during the installation.

3. Getting Started with the App

Once the account is created, you access the main interface of the application.



To begin your installation, you will first need to create the owner contact or choose from the existing owners managed by your organisation.

Creating Rooms

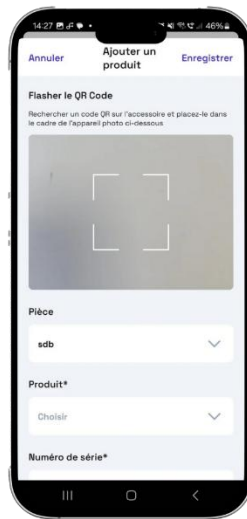
In order to perfectly organise your installation, it is necessary to create rooms where the products will be installed. Example: "Brooklyn 2 Auditorium" or "Railway station reception"

It is important to properly organise your installation by creating rooms or zones with clear names (Building A - Auditorium A154) for a better understanding of the placement of multiple products in an area, which will make them easier to find during maintenance.



4. Adding Your Products to the App

Access product addition from the site in which you wish to add a product.



Once on the product addition page, there are 2 options for adding your products to the application (your phone must be connected to the internet):

1. Scan a QR Code found on the product or on the packaging
2. Add the serial number using the alphanumeric code found on the product or on the packaging

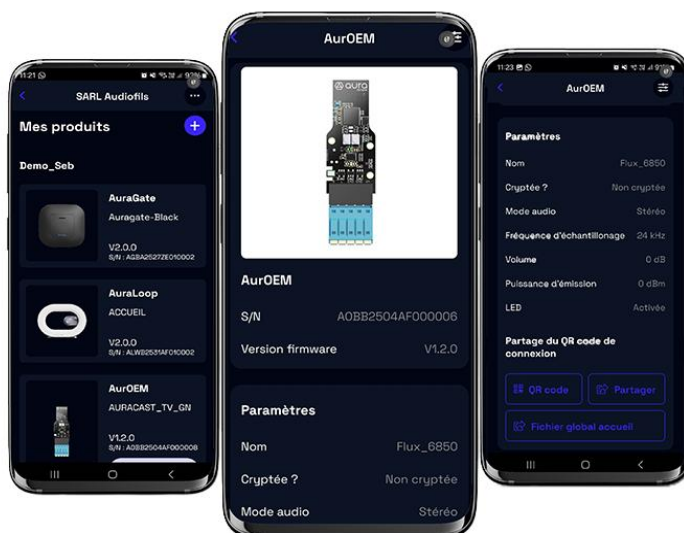
Once the product has been added, the application automatically recognises it:

- The reference of your product with its image
- The version of the latest firmware installed on the product. If a new firmware version exists, the message “Update available” will appear
- The latest settings applied to the product

Once this step is complete, you will be able to connect to your product to perform updates or configurations.

5. Place the product in Configuration

First-generation Aura by Opus products need to be placed in configuration mode in order to perform settings or updates on the product.



To activate configuration mode on your product:

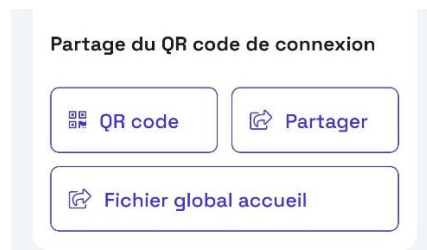
- Press the configuration button (represented by @ in the product composition on p.6) until the LED flashes white.

6. Sharing User Connection Information

A multilingual home page sticker in A4 format is provided in the packaging. You can attach the “default connection QR Code” sticker, also supplied with the product, to it.

If you have modified the broadcast settings (name or password), the original connection QR code is no longer valid. You must then replace it with a new one by following the steps described below:

On the page of the relevant product, three options are available to you:



- 1) Display the QR code via your application
- 2) Share the QR code by email to print it and distribute it to end users. You can use the small plastic sleeve provided in the packaging to attach this QR code to the multilingual sticker support to replace the default one.
- 3) You can also share a file by email that will reproduce two pages of multilingual labels (English, French, Spanish and German) with access details and the stream name, to print and display at the entrance of the equipped room.



Option 1



Option 2



Option 3

VI. Signage

To ensure that your installation complies with usage requirements, it is necessary to display at the entrance of your room that the area is equipped with an Auracast™ system and that people wishing to connect can use their own equipment or request a receiver at reception.

A set of blank labels is provided in the packaging, allowing you to simply add the name of the default configured stream or just the label with the broadcast information.



You can also generate this file and share it from the application as seen previously.

VII. Technical Support and Warranty

Error status:

- If the LED is solid red, this indicates a board error — contact Opus Technologies technical support at support@opus-technologies.fr.
- If the LED is white and flashing, this means the product is in configuration mode.
- If the LED is solid blue, this indicates the product is in broadcast mode.
- If the LED is blue and flashing, a pause is in progress.

Cybersecurity and vulnerability:

The AurOEM system integrates advanced cybersecurity technologies to guarantee the authenticity of updates and the integrity of the audio stream, secured by a customisable password. The application and user account management comply with GDPR standards. Furthermore, the application and the product comply with current cybersecurity regulations. However, if you identify a vulnerability, we invite you to inform us at the following address: support@opus-technologies.fr

Audio stream confidentiality:

If confidentiality is required, we recommend that the user opt for stream encryption using a personal password. We recommend that this be different from the default password, which is generated in a unique and pseudo-random manner by the manufacturer using a proprietary Opus Technologies algorithm.

The user also has the option to increase or decrease the range of their audio stream via product configuration through the application.

Warranty:

The AurOEM comes with a 5-year manufacturer's warranty comprising 3 years + a 2-year extension valid upon product registration.

Should you experience any issues or have any questions regarding the installation and use of your AurOEM, you can contact our technical support:

 **Email:** support@opus-technologies.fr

 **Address:** Opus Technologies, ZA du Bédard, 33650 St Médard D'Eyrans, France

 **Phone :** +33 (0)9 81 24 00 06

We thank you for choosing *AurOEM*, an *Opus Technologies* product and remain at your disposal for any further assistance.

INSTALLATION MANUAL VERSION:

- Manual version: V1.0 03.2025. Associated firmware: v1.2.0

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