BREAKING DOWN
COMMUNICATION BARRIERS

OPUS
Technologies

EDITO

Opus Technologies *is a French manufacturer of assistive listening technologies.*

With over 10 years' experience in developing innovative technologies, we are committed to providing the best hearing accessibility solutions for people with hearing loss.

Led by a team of professionals who are passionate about accessibility products, our priority is to offer you reliable, high-quality solutions.

As part of this progress, we have launched our new *Aura by Opus* *brand based on Auracast™ technology. This ground-breaking innovation enables direct, wireless audio broadcast to compatible devices, providing an enhanced, personalised listening experience in public places. We will have many surprises in store in 2025 to meet users' needs even better.*

The Opus Technologies catalogue includes our range of solutions based on *Auracast™ technology**, of audio-frequency* *induction loop amplifiers**, as well as a range of* *counter intercoms* *and* *UHF wireless systems**.*

In partnership with our international partners, we develop ever more effective solutions to meet the varied needs of our customers. We guarantee permanent support and a professional response to all your requests.

Opus Technologies team

CONTENT

AuraLoop, a new generation of hybrid reception desk
To find out more, go to page 12

OUR COMPANY

Opus Technologies is above all a human adventure that has been going on for more than **10 years**. Our main mission? To design and manufacture in Europe the most efficient assistive listening devices on the market. Thanks to our exclusive technology, we enable audio to anybody to enjoy **optimum sound quality** in public spaces such as theatres, conference rooms, reception desks, airports and many more.

To ensure so our partners receive the best possible support and to maximise compliance with an international requirements in installations, we offer ongoing training to all our resellers. We also offer tailor-made case studies, technical training and customised design prior installation.

We believe in innovation and hard work to provide our customers with new solutions every year. Reliability, simplicity and the ability to listen are our trademarks.

Did you know about this REVOLUTION ?

If your venue is equipped with one of our Opus Technologies loop amplifiers, then simply plug our **OP-LTT** transcriber into your smartphone to get a live transcription or translation of the speaker's speech!

OP-LTT

2013	1st product launch : DCL20	2017	SmartLoop software development	2022	Auracast™ system range launch
Creation of the company	2016 LD range launch 1st ISE as a manufacturer	2018	New range launch : OP-LRM, LD1.0Lite and LD4.2	2024	

AFPAPH

AVIXA

IHLMA
International Hearing Loop Manufacturers Association

Bluetooth®

OUR PRESENCE ABOARD

40+
partners

60+
countries

OUR PARTNERS
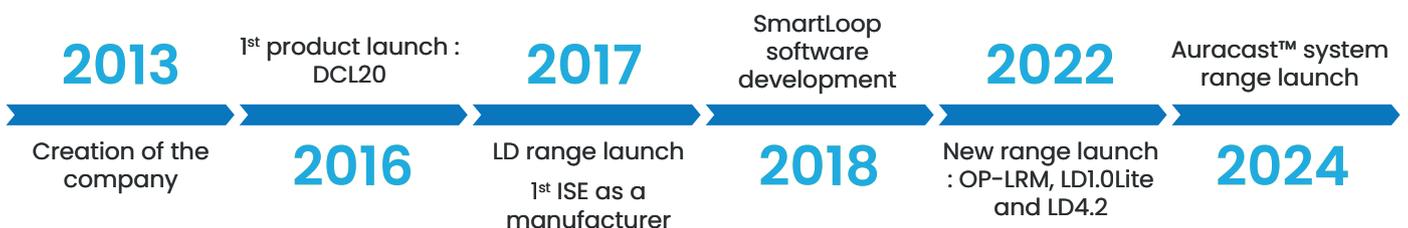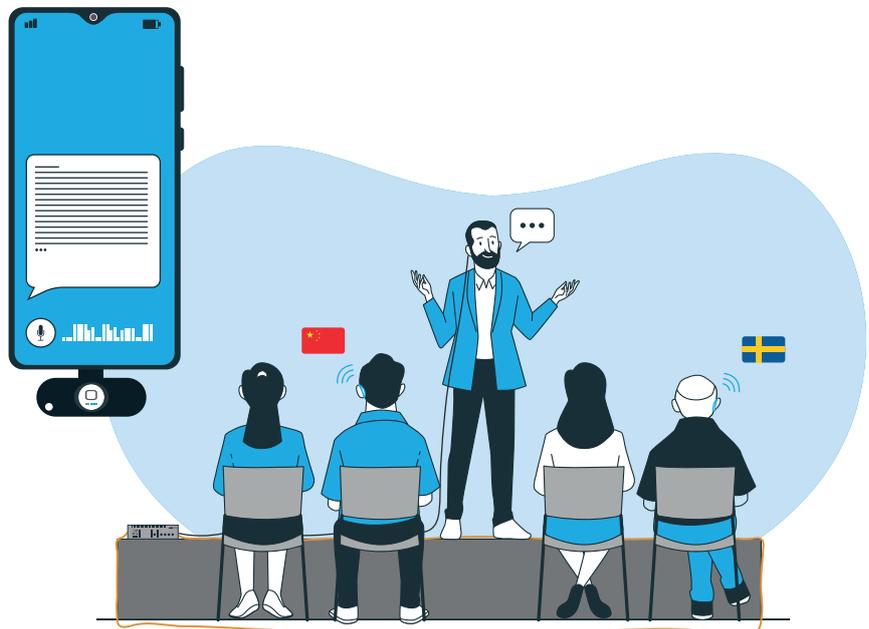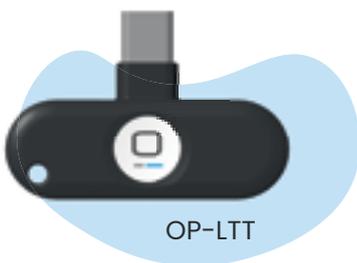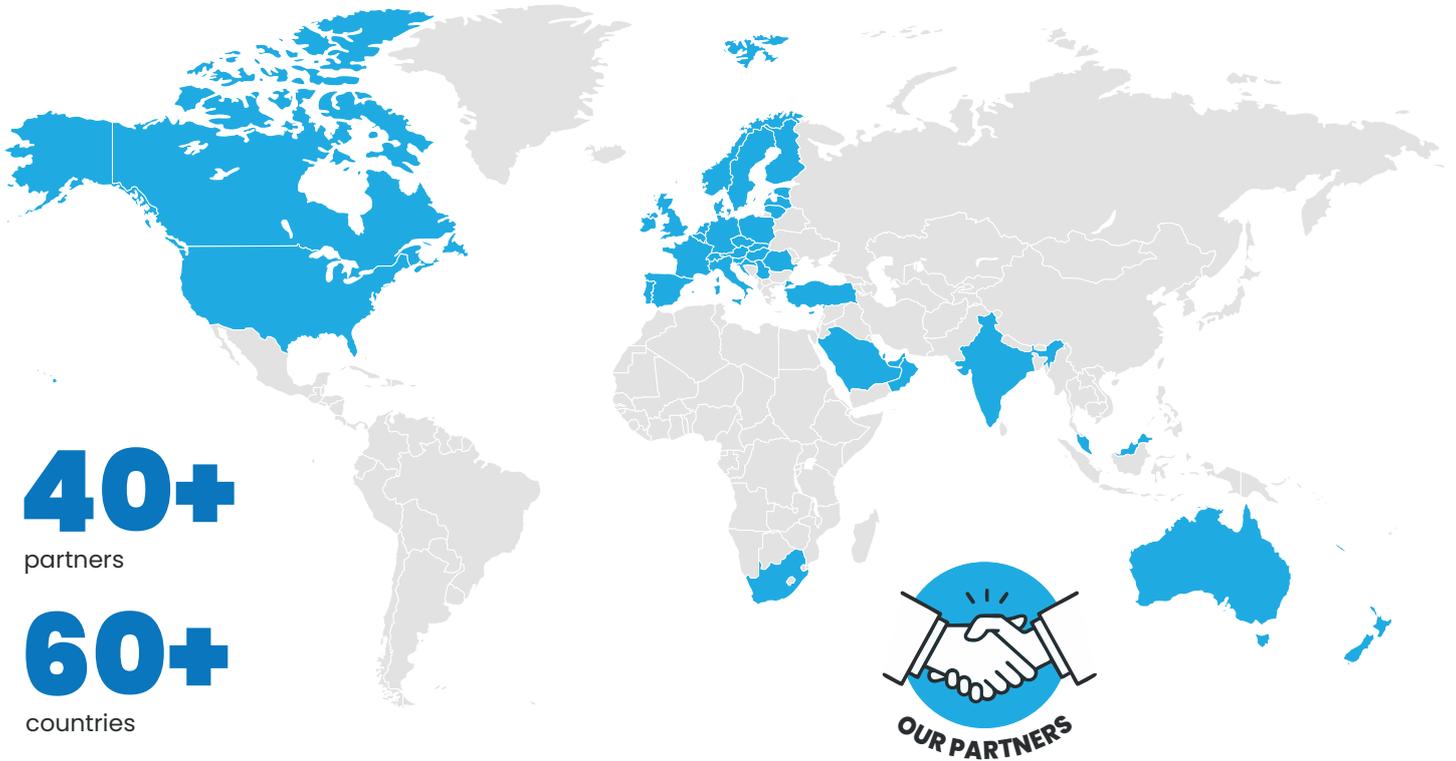
WHY CHOOSE OPUS TECHNOLOGIES ?

|	Installation	Use	Maintenance	Audio quality	Prosthesis compatibility	Type of receivers
Auracast™	Simple	Simple	Simple	Excellent Stereo	T coil & Auracast™	Auracast™ proth., Prosthesis T, Earbuds & Wireless headphones
Loop amplifier systems	Complex	Simple	Technical	Reduced Mono	T coil	Prosthesis T & Wireless headphones
UHF wireless systems	Simple	Binding	Simple	Good Stereo	T coil	Prosthesis T & Wireless headphones
Infrared systems	Simple	Binding	Simple	Good Mono	T coil	Prosthesis T & Wireless headphones
Wifi wireless systems	Technical	Complex	Simple	Good Stereo	T coil	Prosthesis T & Wireless headphones

TURN YOUR FACILITY INTO ACCESSIBLE...

HILTON GARDEN INN ZAGREB HOTEL
Croatia

UNIVERSITY OF KECSKEMET
Hungary

HOTEL

SCHOOL

TRAIN STATION

CITY HALL

BORDEAUX TRAIN STATION
France

COUNCIL OF STATE OF THE REPUBLIC OF SLOVENIA
Slovenia

...FOR HARD OF HEARING PEOPLE

UROS LIVE ARENA
Finland

MUSEUM

CAVES OF LASCAUX IV
France

STADIUM

THEATER

CHURCH

ST MARY'S PARISH CHURCH IN LEIGH
United Kingdom

LUDA KUĆA THEATER
Croatia

AURACAST™ SYSTEMS

At Opus Technologies, we're revolutionising listening with Auracast™, a technology that makes sound **accessible**, **immersive** and **shared**. Whether addressing individual needs or creating a seamless audio connection in public spaces, our solutions deliver a clear, inclusive audio experience tailored to each user.

With Auracast™, we reaffirm our commitment to serving the public and **transforming public spaces** into environments where sound is both a tool for accessibility and a source of emotion. Welcome to a new era of listening, thought for everyone and everywhere.

Aura by Opus is a brand designed in France and made in EU.

Flight 195478 to Barcelona is now ready for boarding. Please proceed gate B56.

AURACAST™ – HOW IT WORKS ?

For **ONE-TO-ALL** communication

Assistant devices

Paired by Bluetooth

Transmitters

Receivers
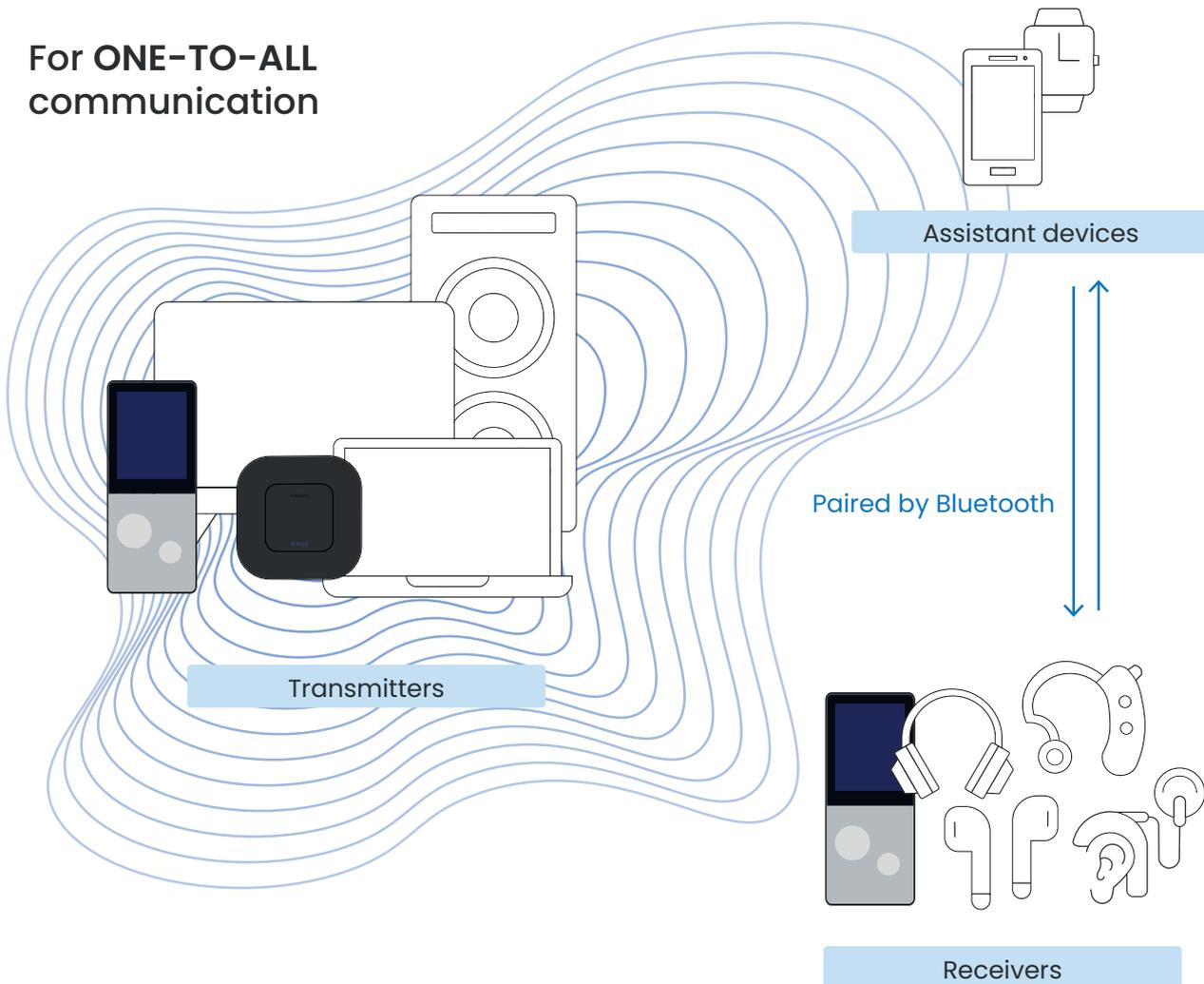
KEY FIGURES

3 billion

the number of Bluetooth LE compatible audio devices by 2028

90 %

of new smartphones will support Bluetooth LE Audio by 2027

2,5 million

of public places are expected to deploy Auracast audio broadcasting by 2030

Source : ABT Research

OUR BRAND, AURA BY OPUS

For over 10 years, Opus Technologies has been developing the best products to improve hearing assistance. With **Aura by Opus**, we are bringing to market a complete range of solutions incorporating the brand-new Auracast protocol.

OUR OBJECTIVES

1
Breaking down barriers
Revolutionizing audio broadcasting and its access in public venues

2
Standardize audio broadcasting
Broadcast multichannel audio from one transmitter to several types of receivers

3
Leading the audio technological revolution
By launching revolutionary R&D developments such as automatic audio translation and AI functionalities !

A **NEW WAY** to communicate

aura by Opus

In an **airport**, Aura by Opus products offers a revolutionary solution for improving communication and the experience of travellers by enabling personalised, direct audio broadcasting.

A **UNIVERSAL** solution for all

We updated our famous eLoop electronic card in order to create an AuraLoop. Now you can discover the first hybrid terminal to include both **magnetic loop** and **Auracast™** technology.

Our hybrid solution allows most hearing aids and cochlear implants to connect to our AuraLoop. Don't choose one solution over another, choose both ! Welcoming your visitors is your establishment's image.

50%

In 2026,
50 % of hearing aids will be equipped with Auracast™ technology. And this figure is estimated to rise to 100% by 2030 !

SOFT SMARTCAST

SmartCast is a simulation software for our Aura by Opus systems.
Project your installation to ensure you are using the **right product**, the **right power** and the **right number of Aura by Opus access points**. Simple and intuitive, the software is designed for quick learning.

The tool will be launched in Q2 2025. Follow us on the network and ask for a demonstration as soon as the tool is released : contact@opus-technologies.fr

IMPORTING YOUR ROOM PLANS

AUTOMATIC OR MANUAL WALL DETECTION

PRODUCT POSITIONING AND VISION OF THEIR IMPACT

CHECK THAT YOUR PRODUCTS ARE IN THE RIGHT AREA

APPLICATION AURACONNECT

AuraConnect makes configuring and managing your Aura By Opus products child's play. Designed to integrate seamlessly with the **EasyConfig** philosophy, the application makes the complicated simple. Everything is done in just a few clicks, directly from your smartphone.

Fast and INTUITIVE configuration

Add and configure your products in an instant :

Easy to add : Scan a QR Code or enter a serial number.

Customisation : Configure the broadcast power, name your broadcast, set the audio inputs, set a password and choose between mono or stereo.

Advanced controls : Take advantage of a full range of parameters to adjust your products to your needs.

Scalable MANAGEMENT adapted to your needs

AuraConnect adapts to each user thanks to two user profiles :

For owners :
Control your installation : Safely add a new installer to work on your products.

Centralised view : Find all your installations, whether they have been carried out by one or more installers.

For installers :
Manage your projects : Create a complete installation by registering the owner directly in the application.

Efficient tracking : View all the projects carried out by your company and access the records of registered owners.

AURACAST™ SYSTEMS - TERMINALS
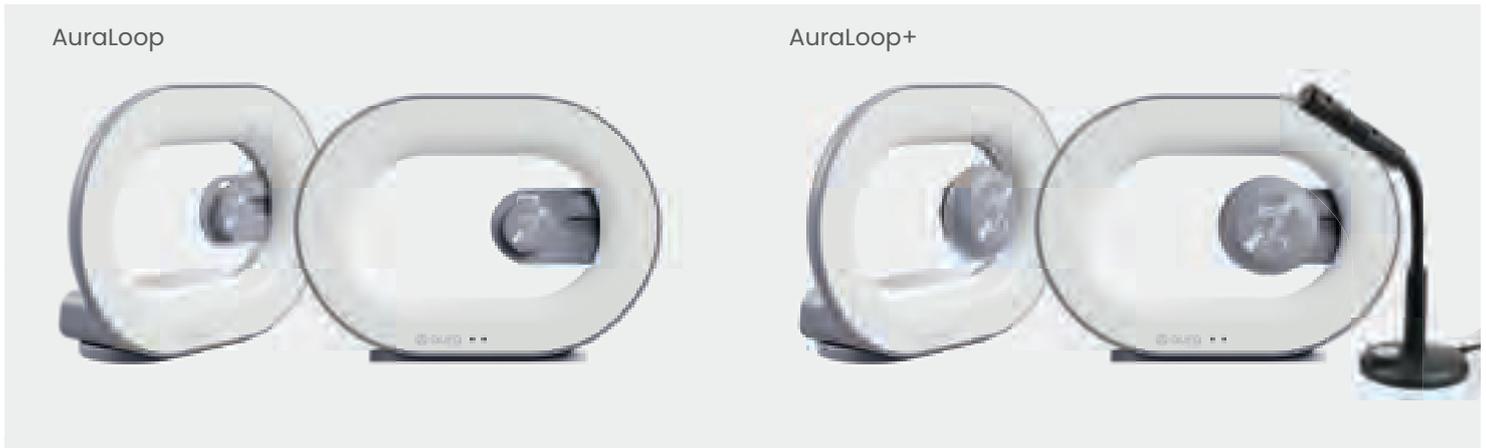
AuraLoop

AuraLoop+

AuraLoop / AuraLoop+

Designed for accessibility for all, this hybrid product integrates a magnetic loop and Auracast protocol for the first time. Based on this new technology, we're creating unique usage functionalities that will meet all needs over the next few years.

AuraLoop+ comes with an OP-M81 goose neck microphone and an OP-E3 handset for non fitted people.

AUDIO INPUT	
Integrated microphone	Capsule microphone
Microphone plug	1x Jack 3,5 mm
AUDIO OUTPUT	
Headphone plug	1x Jack 3,5 mm
Bluetooth transmit power	3 dBm
POWER SUPPLY	
Voltage / Current	5-12 V DC / 1,5 A
Connector	Micro USB female
Battery	Lithium Ion 3,7 V / 4000 mAh
Autonomy	10 hours or 5 hours in usage
Charge time	4 hours
CONNECTIVITY	
Connectivity #1	Auracast™ (Bluetooth 5.2 and up)
Connectivity #2	Induction Loop
Qualification	Bluetooth SIG
Update	Wireless via AuraConnect app.
AUDIO	
Sampling frequencies	16 kHz
Codec used	LC3
Connection	Via QR code or password
Automatic Gain Control (AGC)	Yes
TECHNICAL SPECIFICATIONS	
Induction loop range	3 m
Auracast™ rang field	30 m (open field)
On-board memory	8 mo
PRODUCT SPECIFICATIONS	
Dimensions	250 x 185 x 80 mm
Net weight	366 g

INSTALLATION

AuraLoop is a ready-to-use system : all you need to do is position it at an appropriate distance between you and the person you're talking to. What's more ? Thanks to its fastening support, the AuraLoop can be permanently installed on a workstation.

USE

Plugged into the mains or powered by its battery, the AuraLoop is perfectly suited to both stationary and mobile use.

Press the power button on the back of the device, and you're ready to use the AuraLoop ! For a better user experience, connect the OP-M81 goose neck microphone and its OP-E3 handset supplied in the kit AuraLoop+ kit.

AuraGate-WH

AuraGate-BL

AuraGate-WH / AuraGate-BL

AuraGate by Opus is an innovative broadcast terminal designed to deliver a high-quality audio experience. By combining Auracast broadcasting and cutting-edge technologies, we offer fluid, stable audio broadcasting faithful to the original source, whatever the listening environment (auditorium, a cinema, airport, open-air concert etc...).

RF	
Connectivity	Auracast™ (Bluetooth 5.2 and up)
Operation frequency	2'402 to 2'480 MHz
Auracast™ mode	Transmitter
Encryption	AES-CCM
Transmitter power	10 dBm (EU) and 20 dBm (USA)
CONTROL	
Mechanical button functions	4 switches : First function : Micro/LINE/Phantom Second function : set to BLE CONFIG/UPDATE or AURACAST mode
Configuration	AuraConnect application
Update	AuraConnect application
PERIPHERALS	
Status LED	RGB multifunction
AUDIO OUTPUT (AURACAST™)	
Auracast™ stereo	Quality : 16, 24 or 48 kHz
Multi-channel	Up to 2 Auracast™ stream
Mesured range	150 m (open range)
AUDIO INPUT (PHYSICAL)	
Mode	Mono
Connexion	3 pin (differential)
Impedance	4 or 8 Ohm
Nominal output	400 mW
AUDIO INPUT	
LINE or MICRO inputs	2x LINE/MICRO inputs
100 V input	1x 100 V terminalinput
SPDIF input	1x SPDIF input
USB input	1x USB-C input
Compatible with or LD Opus Technologies product range	
Onboard microphone	Yes

AUDIO PROCESSING	
Sample rate	16 kHz
	24 kHz
	48 kHz
Codec	LC3
Frequency responses	16 kHz : 50 to 7'500 Hz
	24 kHz : 50 to 11'000 Hz
	48 kHz : 50 to 19'500 Hz
Latency	30 ms
Automatic Gain Control (AGC)	Yes
POWER AND CHARGING	
Power supply	USB-C
Power	5 V, 300 mA
Dock connection	USB-C / PoE
MECHANICAL SPECIFICATION	
Dimensions	190 x 190 x 50 mm
Unit weight	250 g
Temperature storage	–15 to 60 ºC

INSTALLATION

AuraGate is easy to install on a wall, ceiling, behind a screen or integrated into a furniture. Simply screw its safety mounting bracket and clip the AuraGate !

USE

Power the AuraGate using the supplied power supply. At start-up, connect your AuraConnect application to the terminal.
Configure the broadcast name, audio quality, range and, if required, an access code, and you're ready to go! If you've chosen a code connection, share the code and QR Code with the room manager, or print it out.

AURACAST™ SYSTEMS - TERMINALS

AuraSTRX

A compact and intuitive Auracast™ receiver/transmitter, the AuraSTRX is designed to meet the needs of modern users. Compatible with our Aura by Opus range and any other Auracast™ systems, it redefines the user experience.

RF	
Connectivity	Bluetooth 5.3 (BLE)
Operation frequency	2'402 to 2'480 MHz
Auracast™ mode	Transmitter or Receiver
Encryption	AES-CCM
Transmitter power	10 dBm (EU) and 20 dBm (USA)
Reception sensitivity	- 95 dBm

CONTROL	
Touch screen	2,8 ich touche LCD
Mechanical button	5 buttons
Configuration	Screen or AuraConnect app.
Update	AuraConnect application

PERIPHERALS	
QR code reader	Connect to broadcast
Light sensor	Adjust screen brightness
Proximity sensor	Detect user
Accelerometer	Detect position of AuraSTRX
Status LED	RGB multifunction

AUDIO OUTPUT	
Mode	Stereo or Mono
Connexion	3,5 mm, 3 or 4 pins
Impedance	16 or 32 Ohm
Nominal output	57 mW RMS per channel

AUDIO INPUT	
Connexion	3,5 mm, 4 pins
Input	Micro via Jack 3,5 mm

MECHANICAL SPECIFICATION	
Dimensions	130 x 60 x 14 mm
Net weight	85 g
Temperature storage	–15 to 60 °C
Protection rating	IP64

AUDIO PROCESSING	
Sample rate	16 kHz
	24 kHz
	48 kHz
Codec	LC3
Frequency responses	16 kHz : 50 to 7'500 Hz
	24 kHz : 50 to 11'000 Hz
	48 kHz : 50 to 19'500 Hz
Latency	30 ms with AuraGate

POWER AND CHARGING	
Power supply	USB-C or docking station
Power	5 V, 500 mA
Dock connection	USB-C
Battery	3,7 V, 1'700 mAh

AUTONOMY	
Screen always ON, TX, @10 dBm	> 8 hours
Screen OFF, TX, @10 dBm	> 20 hours
Screen always ON, RX	> 10 hours
Screen OFF, RX	> 50 hours

RECEIVER MODE

• Auracast™ receiver with automatic stream scanning.
• QR Code connection to Auracast™ streams.
• Automatic screen brightness adjustment based on ambient light.
• Intelligent screen shut-off thanks to the accelerometer.
• Simplified configuration with **EasyConfig** : NFC, Bluetooth via the AuraConnect app, or the charging station.
• Identify a guided tour group by coloring the screen or LED banner.

TRANSMITTER MODE

• QR Code sharing. Built-in microphone that activates automatically via the accelerometer.
• Simplified configuration with **EasyConfig** : NFC, Bluetooth via the AuraConnect app, or the charging station.
• Identify a guided tour group by coloring the screen or LED banner.

AURACAST™ SYSTEMS - TRANSMITTER

AurOEM

Auracast™ industrial adapter board for loudspeaker-equipped product equipment

Aura-CA

AuraOEM electronic board with plastic case and power supply

AuraGate-Pack

AuraPack meets needs in environments where cabling is not an option. This pack includes two AuraGate devices, one AuraGate transmitter and one AuraGate receiver

AURACAST™ SYSTEMS - ACCESSORIES

Non-contractual photo

Aura-CH2

Smart charging station with 2 slots for AuraSTRX with configuration functions

Non-contractual photo

Aura-CH10

Smart charging station with 10 slots for AuraSTRX with configuration functions

Non-contractual photo

Aura-CH20

Smart charging station with 20 slots for AuraSTRX with configuration functions

OP-778

Professional headphones with a 3.5 mm jack plug. More resistant headphones with better listening quality

TR-iL

Magnetic neck collar to receive the magnetic loop with a 3,5 mm jack plug

PoE adaptor

PoE adaptor to power your AuraGate with RJ45 cabling.

LOOP AMPLIFIER SYSTEMS

Made in France, our range of ultra-compact Class D amplifiers combine precision engineering and audio performance. Designed to offer exceptional efficiency in a compact format, these amplifiers embody French know-how at the service of professional and public environments.

Efficient, reliable and energy-efficient, our Class D amplifiers integrate easily into any project, guaranteeing **impeccable sound** and **discreet design**. With Opus Technologies, choose exceptional sound made in France.
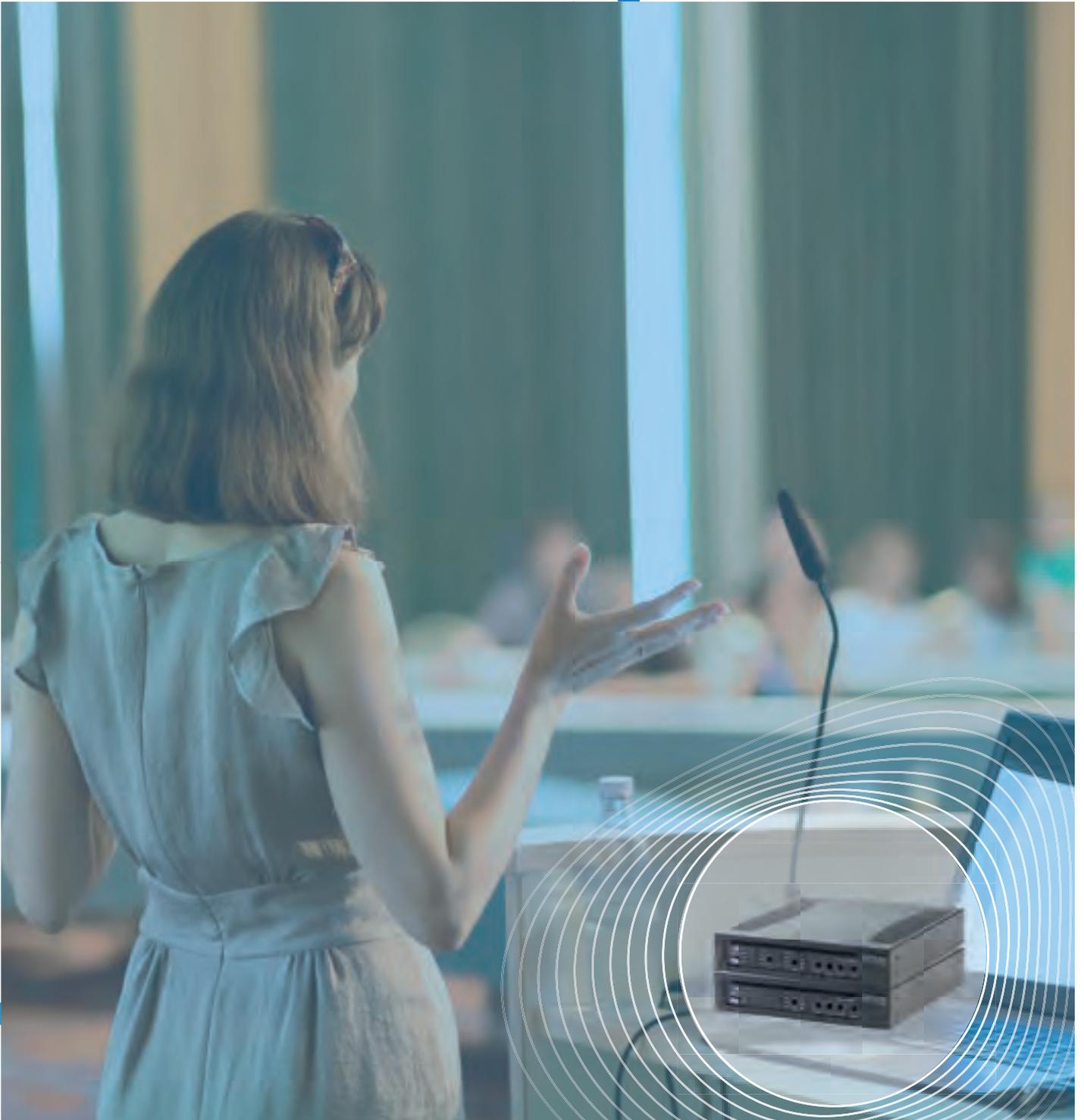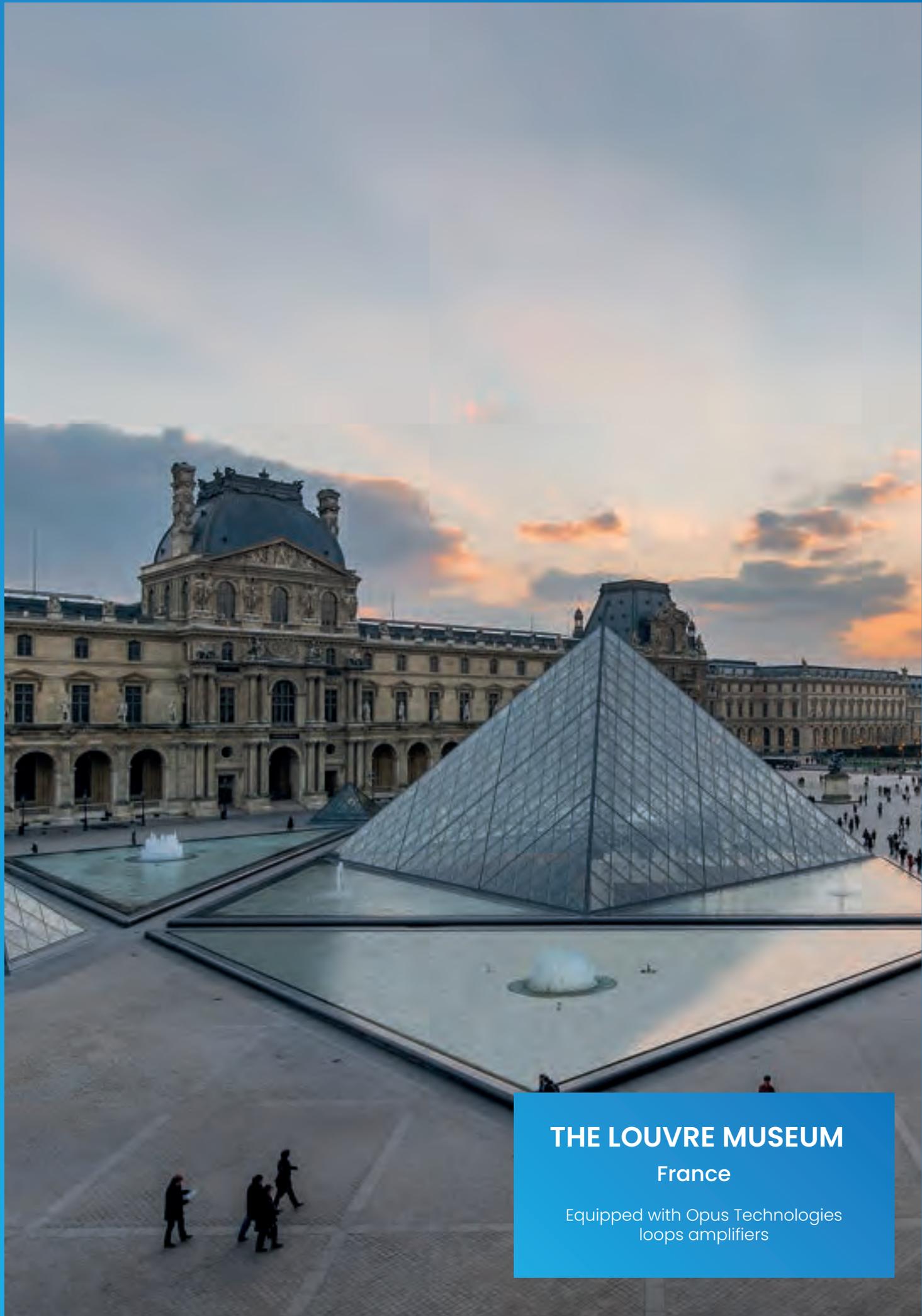
THE LOUVRE MUSEUM

France

Equipped with Opus Technologies loops amplifiers

LOOP AMPLIFIER – HOW IT WORKS ?

In 2024, 1,5 billion people in the world suffer from hearing loss. Most of them are equipped with hearing aid which increase the volume of nearby sounds. Unfortunately, these devices also amplify background noises which makes it difficult for its user to distinguish the right information.

The solution is the hearing loop. The audio signal is converted by an Opus Technologies amplifier into electric pulses then transmitted into a copper cable layed down around the listening area. It generates a magnetic field transmitting the audio input directly into the user's hearing aid.

For **ONE-TO-ONE** communication
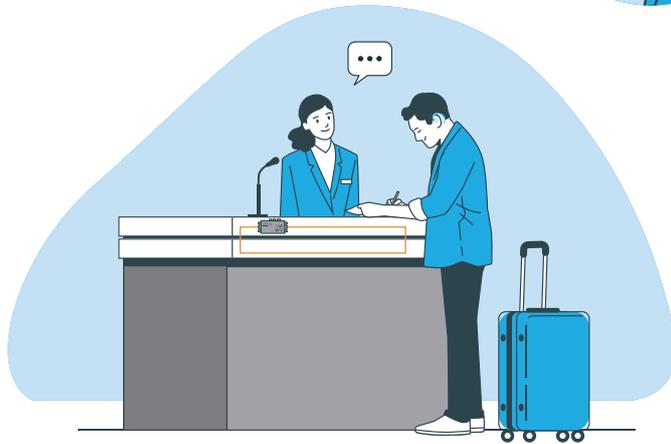
The hearing aid must be **activated in T mode** to pick up this magnetic signal using an integrated copper telecoil (or T coil). The signal is then translated into audio and pure, clear sound is transmitted to the user's ear.

Hearing loops (here, a **DCL20**) can be used in a wide range of installations, such as one-to-one communications at **reception desks**, **ticket counters**, **money exchange** and many more...

For **LARGER** listening area

Everywhere audio is essential, you can install a hearing loop system (here, a **LD1.0**) and make your facility more inclusive. Loop systems can be found in theatres, stadium, museum, supermarket, university, courtroom and many more.

You will find for example Opus loop drivers in Louvre museum, Orly airport or Cannes Festival Palace.

17
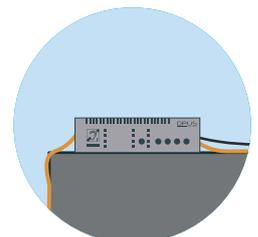
HOW TO DESIGN A LOOP SYSTEM ?

If loop systems operation mode, seems pretty easy to understand, choosing and installing and efficient and functioning system is a different story.

A lot of constraints must be taken in account prior the installation of a loop system. The presence of metal structure absorbing the magnetic field strength, the containment of its overspill to the strict dimension of the room, the listening height, are some of the numerous constraints you should take in account while designing a loop system.

ONE-LOOP SYSTEMS
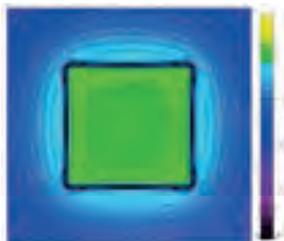
PERIMETER LOOP
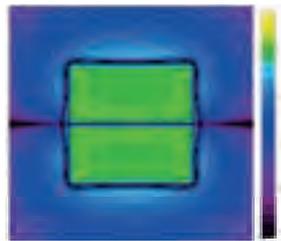
SINGLE ARRAY
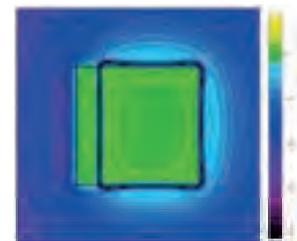
CANCELLATION LOOP

TWO-LOOP SYSTEMS
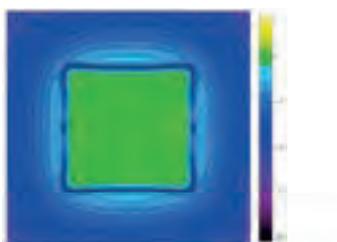
DOUBLE ARRAY
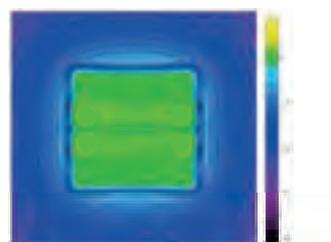
LOW LOSS ARRAY
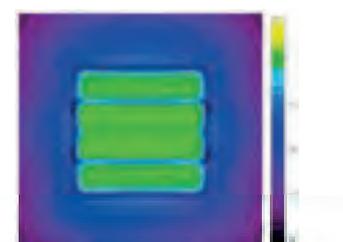
ULTRA LOW LOSS ARRAY

OPUS SMARTLOOP

Opus Technologies' SmartLoop software is a combination of years of experience in the installation of loop design and the technological know-how of our software engineer. This powerful tool, allows our customers, finding the right layout and amplifier taking in account all the constraints of their loop project.

Thanks to its user-friendly interface, loop design and specification process has never been that easy! SmartLoop aims to guarantee your customer a loop installation guideline allowing your system to comply with the IEC 60118-4 norm but above all, an efficiently working loop system.

SmartLoop is a designing tool, easy to handle, complete, allowing Opus distributor and installers to demonstrate their ability to offer a performant installation based on accurate and detailed technical studies.

To use SmartLoop software, make a request to create an account on our website www.opus-technologies.fr, get closer to your local distributor or contact us at contact@opus-technologies.fr.

SIMULATION OF YOUR CABLE IMPLEMENTATION

CHECK IF YOUR COVERAGE IS HOMOGENEOUS WITH THE 2D SIMULATION

GET A 3D SIMULATION OF YOUR AUDIO RECEPTION

CHECK IF YOUR SIGNAL REMAINS STEADY INSIDE THE LISTENING AREA

LOOP AMPLIFIER SYSTEMS - PROXIMITY AMPLIFIERS

eLoop / eLoop+

eLoop is the latest generation of Opus Technologies counter loop amplifier. Traditionally utilitarian, grey products that can act as an obvious signpost towards a customer's disability, eLoop brings a new design perspective with a portable counter hearing loop that is positively stylish.

eLoop+ comes with an OP-M81 goose neck microphone and an OP-E3 handset for non fitted people.

AUDIO INPUT	
Integrated microphone	Capsule microphone
Microphone plug	1x Jack 3,5 mm
Phantom power supply	5 V, 1 mA
AUDIO OUTPUT	
Headphone plug	1x 3,5 mm Micro Jack
POWER SUPPLY	
Voltage / Current	5 V DC / 1,5 A
Connector	Micro USB
Battery	Lithium Ion 3,7 V
Autonomy	10 hours
Charge time	4 hours
TECHNICAL SPECIFICATIONS	
Current	3,5 A RMS
Protections	Thermal resistance, overload
Coverage	1,10 m
PRODUCT SPECIFICATIONS	
Dimensions	250 x 185 x 80 mm
Net weight	366 g
Packaging	Cardboard
Shipment dimensions	400 x 250 x 100 mm
Shipment weight	1,00 kg

DCL20

DLC20 is the ideal equipment for long term permanent solutions, to be installed on counters and small areas. This discrete driver, intend to provide audio accessibility for people suffering hearing loss, in every public facility.

INPUT	
Audio input	1x microphone + 1x line input
Connector type	1x 3,5 mm Micro Jack + Phoenix
Phantom supply	4,5 V, 1 mA
POWER SUPPLY	
Characteristics	12 V DC / 1,5 A
Type	Separated power block
Voltage	230 V, 50/60 Hz
Power	< 20 W
Fuse	Thermal
AUDIO PROCESSOR	
Compression	From 1:1 to 20:1
Etching	10 mS
Lowering	Auto. 500 mS or 1500 mS
Bandwidth	From 80 Hz to 8kHz at -3 dB
Dynamic	> 0 dB
THD	THD+N < 0,5 % at 1 kHz
OUTPUT	
Type	Current
Loop impedance	From 0,5 Ω to 3,0 Ω
Peak current	4 A
RMS current	2 A at 1 kHz
Protection	Thermal, sort circuit and start
PRODUCT SPECIFICATIONS	
Dimensions	100 x 50 x 20 mm
Net weight	83 g
Packaging	Cardboard

DCL20-K

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M
• Power supply
• Loop OP-iL
• Stickers
• Screwdriver and Phoenix

DCL20-K1

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M81
• Power supply
• Loop OP-iL
• Stickers
• Screwdriver and Phoenix

DCL20-K2

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M81
• Receiver OP-E3
• Power supply
• Loop OP-iL
• Stickers
• Screwdriver and Phoenix

DCL20-E3

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M
• Receiver OP-E3
• Power supply
• Loop OP-iL
• Stickers
• Screwdriver and Phoenix

DCL20-TV

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M
• 30 m of copper coil
• Adapter OP-TosLink
• Power supply
• Stickers
• Screwdriver and Phoenix

DCL20-SA

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M
• 30 m of copper coil
• Power supply
• Stickers
• Screwdriver and Phoenix

DCL20-WALL

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M
• Pictogram OP-WALL2
• Power supply
• Stickers
• Screwdriver and Phoenix

DCL20-PLUG

DCL20 kit with :
• DCL20 amplifier
• Microphone OP-M
• Stand OP-PLUG
• Power supply
• Stickers
• Screwdriver and Phoenix

LOOP AMPLIFIER SYSTEMS - ACCESSORIES

OP-TosLink

5 V DC digital optical coaxial analog audio signal adapter.

OP-WALL2

Induction loop integrated into an «Area adapted for hearing-impaired» pictogram, to fix on a wall or on its OP-CW2 easel

OP-E3

An earphone who provide hearing accessibility for hearing impaired non-equipped with hearing aids

OP-M

Surface mount microphone for DCL20, with 3.5 mm jack plug. Economical solution supplied with a self-adhesive mounting base

OP-M81

Goose neck microphone who provide a clear and audible sound in all circumstances for people wearing hearing aids

CE-1

Universal stereo headphones, reliable and optimised for multimedia use

LOOP AMPLIFIER SYSTEMS - MEASURING/RECEIVERS TOOLS

OP-LTT

Loop transcriber receiver for smartphone

OP-LRM

This device allows you in the same time to check if you installation comply to the standard IEC 60118-4 thanks it 4 led testimony

OP-FSM-02

Field Strength Measurer to measure loop system performance and guarantee commissioning complying with the IEC 60118-4 norm

LOOP AMPLIFIER SYSTEMS - ROOM AMPLIFIERS

LD1.0Lite

You've heard of the LD1.0, now discover the LD1.0Lite. Even more compact, the LD1.0Lite has 2 audio inputs and can cover a room of 180 m². Its low power consumption will be appreciated, in addition to its LED display.

Max coverage : single loop	180 m²*
INPUT	
Audio inputs	2 inputs : 1 line + 1 mic
Type	2 and 3 pts connects
Power supply	12 V, 2 mA
Sensitivity	-50 dB microphone
POWER SUPPLY	
Type	Integrated
Voltage	115/230 V, 50/60 Hz
Power	200 VA
Consumption	6 W
AUDIO FEATURES	
Automatic Gain Control	> 36 dB
Bandwidth	80 to 9500 Hz
OUTPUT	
Loop impedance	0,5 to 3,0 Ω
Output voltage	34 Vms (48 pk)
Peak current	8 A
RMS current	4 A RMS
ADDITIONAL FEATURES	
Defects	LED display protect
Verification	DC current too high
Cooling	Natural cooling
IP class	IP20
Frequency of response	40 to 9000 Hz
PRODUCT SPECIFICATIONS	
Dimensions	42 x 200 x 215 mm
Net weight	1,50 kg

Coverage given as an indication subject to room installation constraints (metal, listening height, geometry, etc). A SmartLoop study is strongly recommended.

LD4.0 / LD4.2

Do you have even larger rooms and an LD3.2 can't cover your entire area ? Discover the LD4.X ! With its coverage of 3300 m², you'll no longer have any constraints. This device has 3 inputs: 2 switchable lines or microphones and a 100 V input.

The amplifiers incorporate a fault synthesis controlling continuously both loop and amplifier. The information is visible on the front panel and deported thanks to a dry contact.

Max coverage : single loop	LD4.0 : 1300 m²* LD4.2 : 3300 m²*
LOOP INPUT	
Audio input	2x LINE/Microphone + 1x 100 V
Phantom supply	12 V, 2 mA
Connector type	Phoenix and/or Combo Neutrik
Automatic Gain Control (AGC)	> 36 dB
LOOP OUTPUT	
Max current	LD4.0 : 1x 15A RMS / 42,4 Vpp LD4.2 : 2x 15A RMS / 2x 42,4 Vpp
Max tension	LD4.0 : 1x 34 V RMS / 96 Vpp LD4.2 : 2x 34 V RMS / 2x 96 Vpp
Connections	1x (LD4.0) or 2x (LD4.2) Neutrik NL4 speakON-socket, layout 1+/1-
Frequency range	100 to 5000 Hz (± 3 dB)
Distortion	< 1 % at rated output power 1 kHz
POWER SUPPLY	
Voltage	90/265 V AC, 50/60 Hz
Passive protection	3,15 Afuse
SETTING AND DISPLAY	
Gain adjustment	IN1, IN2, IN3
Treble control	0 to 9 dB
ADDITIONAL FUNCTIONS	
LED display	Power, Input gain level, Magnetic loop current
Headphone	Headphone output 6,35 mm Jack
PRODUCT SPECIFICATIONS	
Dimensions	42 x 200 x 215 mm
Net weight	1,56 kg

LOOP AMPLIFIER SYSTEMS – ROOM AMPLIFIERS

LDX.0

Opus Technologies LD1.0, LD2.0 and LD3.0 are a new generation of class D loop amplifier with a single output designed for medium and large sized facilities.

These devices have 3 inputs : 2 switchable lines or microphones and a 100 V priority input. The amplifiers incorporate a fault synthesis controlling continuously both loop and amplifier. The information is visible on the front panel and deported thanks to a dry contact.

	LD1.0	LD2.0	LD3.0
Max coverage : single loop	250 m² (10 x 25 m²)*	450 m² (15 x 30 m²)*	900 m² (20 x 45 m²)*
Operation temperature	0 to 45 ºC	0 to 45 ºC	0 to 45 ºC
Storage temperature	–30 to 70 ºC	–30 to 70 ºC	–30 to 70 ºC
INPUT			
Audio inputs	2x line/microphone + 1x 100 V	2x line/microphone + 1x 100 V	2x line/microphone + 1x 100 V
Connector type	Phoenix and/or Combo Neutrik	Phoenix and/or Combo Neutrik	Phoenix and/or Combo Neutrik
Phantom supply	12 V, 2 mA	12 V, 2 mA	12 V, 2 mA
Sensitivity	–50 dB microphone	–50 dB microphone	–50 dB microphone
Priority	100 V input, INPUT 1	100 V input, INPUT 1	100 V input, INPUT 1
POWER SUPPLY			
Type	Integrated	Integrated	Integrated
Voltage	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz
Power consumption at 1 Ohm	25 W	50 W	90 W
Max. input power	< 250 V AC	< 300 V AC	< 350 V AC
Consumption at rest	9 W at 230 V AC	9 W at 230 V AC	9 W at 230 V AC
AUDIO CHARACTERISTICS			
THD	< 0,5 %, 1 Ohm, 1 kHz	< 0,5 %, 1 Ohm, 1 kHz	< 0,5 %, 1 Ohm, 1 kHz
Automatic Gain Control	> 36 dB	> 36 dB	> 36 dB
Bandwidth	80 to 9500 Hz	80 to 9500 Hz	80 to 9500 Hz
OUTPUT			
Loop impedance	0,5 to 3,0 Ω	0,5 to 3,0 Ω	0,5 to 3,0 Ω
Output voltage	34 V RMS (48 pk)	34 V RMS (48 pk)	34 V RMS (48 pk)
Peak current	8 A	11 A	15 A
RMS current (at 1 kHz)	5 A RMS	7 A RMS	10 A RMS
Slave output	0º or 900 phase shift	0º or 900 phase shift	0º or 900 phase shift
ADDITIONAL FUNCTIONS			
LED display	Power, Protect, Clip and Loop	Power, Protect, Clip and Loop	Power, Protect, Clip and Loop
Metal loss correction	0 to 3 dB per octave	0 to 3 dB per octave	0 to 3 dB per octave
Relay	NO/NC fault relay, 0,5 A/125 V AC, 1 A/24 V DC	NO/NC fault relay, 0,5 A/125 V AC, 1 A/24 V DC	NO/NC fault relay, 0,5 A/125 V AC, 1 A/24 V DC
PRODUCT SPECIFICATIONS			
Dimensions	42 x 200 x 215 mm	42 x 200 x 215 mm	42 x 200 x 215 mm
Net weight	1,48 kg	1,48 kg	1,48 kg

*Coverage given as an indication subject to room installation constraints (metal, listening height, geometry, etc). A SmartLoop study is strongly recommended.

LDX.2

Opus Technologies LD1.2, LD2.2 and LD3.2 are a new generation of class D loop amplifier with a double output designed for large sized facilities.

These devices have 3 inputs : 2 switchable lines or microphones and a 100 V priority input. The amplifiers incorporate a fault synthesis controlling continuously both loop and amplifier. The information is visible on the front panel and deported thanks to a dry contact.

	LD1.2	LD2.2	LD3.2
Max coverage : single loop	600 m² (15 x 40 m²)*	1200 m² (20 x 60 m²)*	2000 m² (25 x 80 m²)*
Max coverage : multi loop	300 m² (10 x 30 m²)*	525 m² (15 x 35 m²)*	1000 m² (20 x 50 m²)*
Operation temperature	0 to 45 ºC	0 to 45 ºC	0 to 45 ºC
Storage temperature	−30 to 70 ºC	−30 to 70 ºC	−30 to 70 ºC
INPUT			
Audio inputs	2x line/microphone + 1x 100 V	2x line/microphone + 1x 100 V	2x line/microphone + 1x 100 V
Connector type	Phoenix and/or Combo Neutrik	Phoenix and/or Combo Neutrik	Phoenix and/or Combo Neutrik
Phantom supply	12 V, 2 mA	12 V, 2 mA	12 V, 2 mA
Sensitivity	-50 dB microphone	-50 dB microphone	-50 dB microphone
Slave entry	Jack 6,35 mm	Jack 6,35 mm	Jack 6,35 mm
Priority	100 V input, INPUT 1	100 V input, INPUT 1	100 V input, INPUT 1
POWER SUPPLY			
Type	Integrated	Integrated	Integrated
Voltage	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz
Power consumption at 1 Ohm	50 W	100 W	180 W
Max. input power	< 500 V AC	< 600 V AC	< 700 V AC
Consumption at rest	14 W at 230 V AC	14 W at 230 V AC	14 W at 230 V AC
AUDIO CHARACTERISTICS			
THD	< 0,5 %, 1 Ohm, 1 kHz	< 0,5 %, 1 Ohm, 1 kHz	< 0,5 %, 1 Ohm, 1 kHz
Automatic Gain Control	> 36 dB	> 36 dB	> 36 dB
Bandwidth	80 to 9500 Hz	80 to 9500 Hz	80 to 9500 Hz
Phase shift	Included	Included	Included
OUTPUT			
Loop impedance	0,5 to 3,0 Ω	0,5 to 3,0 Ω	0,5 to 3,0 Ω
Output voltage	34 V RMS (48 pk)	34 V RMS (48 pk)	34 V RMS (48 pk)
Peak current	2x 8 A	2x 11 A	2x 15 A
RMS current (at 1 kHz)	2x 5 A RMS	2x 7 A RMS	2x 10 A RMS
ADDITIONAL FUNCTIONS			
LED display	Power, Protect 1, Protect 2, Loop	Power, Protect 1, Protect 2, Loop	Power, Protect 1, Protect 2, Loop
Verification	Open loop, thermal protection	Open loop, thermal protection	Open loop, thermal protection
Relay	NO/NC fault relay, 0,5 A/125 V AC, 1 A/24 V DC	NO/NC fault relay, 0,5 A/125 V AC, 1 A/24 V DC	NO/NC fault relay, 0,5 A/125 V AC, 1 A/24 V DC
PRODUCT SPECIFICATIONS			
Dimensions	42 x 200 x 215 mm	42 x 200 x 215 mm	42 x 200 x 215 mm
Net weight	1,56 kg	1,56 kg	1,56 kg

Coverage given as an indication subject to room installation constraints (metal, listening height, geometry, etc). A SmartLoop study is strongly recommended.

LOOP AMPLIFIER SYSTEMS - MOBILE AMPLIFIERS

LDP1.0

LD kit with :
• Storage suitcase
• Amplifier LD1.0
• Receiver OP-LRM
• 100 m connection cable

LDP2.0

LD kit with :
• Storage suitcase
• Amplifier LD2.0
• Receiver OP-LRM
• 100 m connection cable

LDP3.0

LD kit with :
• Storage suitcase
• Amplifier LD3.0
• Receiver OP-LRM
• 100 m connection cable

LDP1.0M

LD kit with :
• Storage suitcase
• Amplifier LD1.0
• Receiver OP-LRM
• Portable transmitter OP-8TH
• Fixed receiver OP-10SRX
• 100 m connection cable

LDP2.0M

LD kit with :
• Storage suitcase
• Amplifier LD2.0
• Receiver OP-LRM
• Portable transmitter OP-8TH
• Fixed receiver OP-10SRX
• 100 m connection cable

LDP3.0M

LD kit with :
• Storage suitcase
• Amplifier LD3.0
• Receiver OP-LRM
• Portable transmitter OP-8TH
• Fixed receiver OP-10SRX
• 100 m connection cable

LOOP AMPLIFIER SYSTEMS - AMPLIFIERS ACCESSORIES

OP-V

Plexiglas protection to lock settings on an LD serie amplifier. Delivered with 4 screws

OP-R

Mounting kit for wall or rack, 1U 19″ for 1 or 2 LD series amplifier

LOOP AMPLIFIER SYSTEMS - CABLING
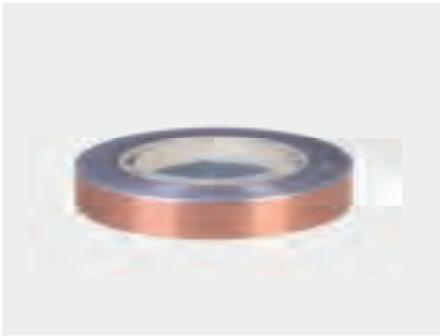
RC50
Flat copper tape for an under flooring installation
Section : 1,8 mm
Length : 50 m
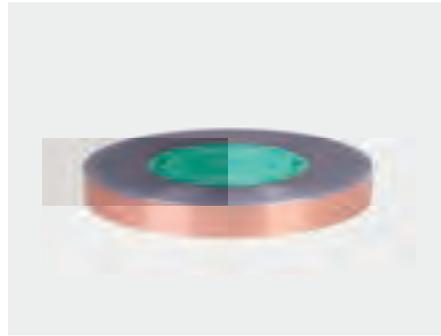
RC100
Flat copper tape for an under flooring installation
Section : 1,8 mm
Length : 100 m
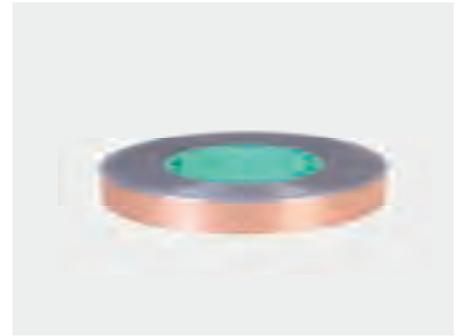
RC150
Flat copper tape for an under flooring installation
Section : 1,8 mm
Length : 150 m
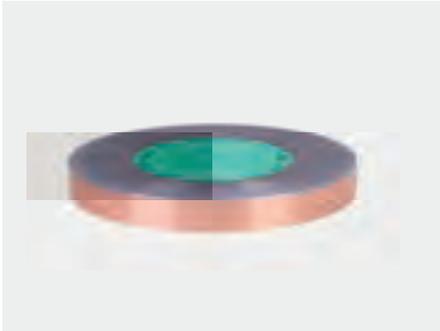
RC025-100
Flat copper tape for an under flooring installation
Section : 25,0 mm
Length : 100 m

RC01-50
Flat copper tape for an under flooring installation
Section : 1,0 mm
Length : 50 m
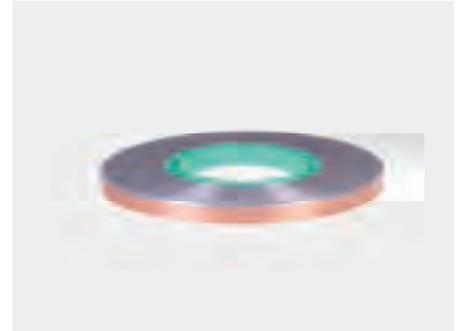
RC01-100
Flat copper tape for an under flooring installation
Section : 1,0 mm
Length : 100 m
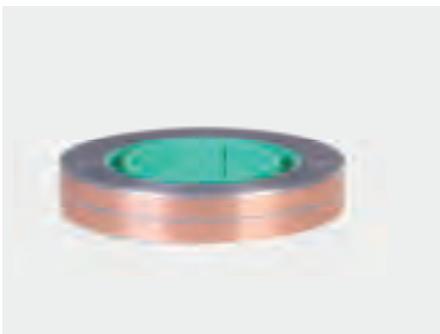
RC02-50
Flat copper tape for an under flooring installation
Section : 2x 1,0 mm
Length : 50 m
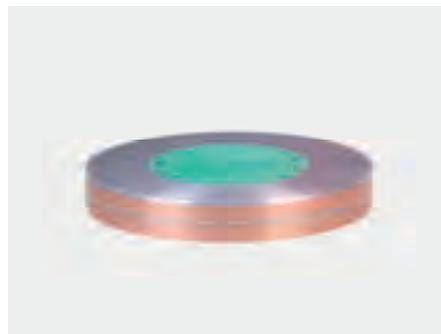
RC02-100
Flat copper tape for an under flooring installation
Section : 2x 1,0 mm
Length : 100 m

ADH-RC
This tape covers the copper wire when installing a magnetic loop on the ground and signal it and protect it from being cut by a « DO NOT CUT » warning.

LOOP AMPLIFIER SYSTEMS - CABLING

LC-50

Multi-section cable to be installed on the floor, in walls or in ceilings
Composition : 7x 0,25 and 1x 0,75
Section : 0,25 to 2,50 mm²
Length : 50 m

LC-100

Multi-section cable to be installed on the floor, in walls or in ceilings
Composition : 7x 0,25 and 1x 0,75
Section : 0,25 to 2,50 mm²
Length : 100 m

LC-150

Multi-section cable to be installed on the floor, in walls or in ceilings
Composition : 7x 0,25 and 1x 0,75
Section : 0,25 to 2,50 mm²
Length : 150 m

OP-LI5

Shielded cable to ensure connection between rack and Opus amplifier
Length : 5 m

OP-LI10

Shielded cable to ensure connection between rack and Opus amplifier
Length : 10 m

OP-LI15

Shielded cable to ensure connection between rack and Opus amplifier
Length : 15 m

C10-RC

Connection terminal block between copper foil (RC) and connection cable (OP-LI). Set of 10 units

DBLC15-100

Direct burial loop cable. EPRCSP and HOFR insulation
Section : 1,5 mm²
Length : 100 m

DBLC25-100

Direct burial loop cable. EPRCSP and HOFR insulation
Section : 2,5 mm²
Length : 100 m

LOOP AMPLIFIER SYSTEMS - OEM

Your project becomes our project !
If you are a manufacturer of intercom systems, audio communication terminals or ticket machines, your project becomes ours. We can help you integrate technical solutions to make your equipment accessible to the hearing impaired. Want to find out more ? Write to us at contact@opus-technologies.fr

OP-IB01

Proximity amplifier electronic board - Driver only

OP-IB01N

Proximity amplifier electronic board - Driver with ferrite loop

OP-IB02

Compact amplifier circuit board with terminal block - Driver only

OP-IB02N

Compact amplifier circuit board with terminal block - Driver with ferrite loop

Loop antenna

Do you have a specific project and need a precise size of magnetic loop? Just ask us!

WINDOW INTERCOMS

Discover Opus Technologies' window intercom range. Our window intercom allows **clear conversations** when communications are altered by barriers such as mask, double glazing, security screen, or other counter security systems. It makes conversation easier for people struggling to understand **clearly a conversation** especially in a noisy environment. The intercoms fit in many types of environments such as banks, train stations, ticket offices, money exchange...

A loop solution is available for every Opus Technologies intercom system, facilitating communications for hearing device wearers.
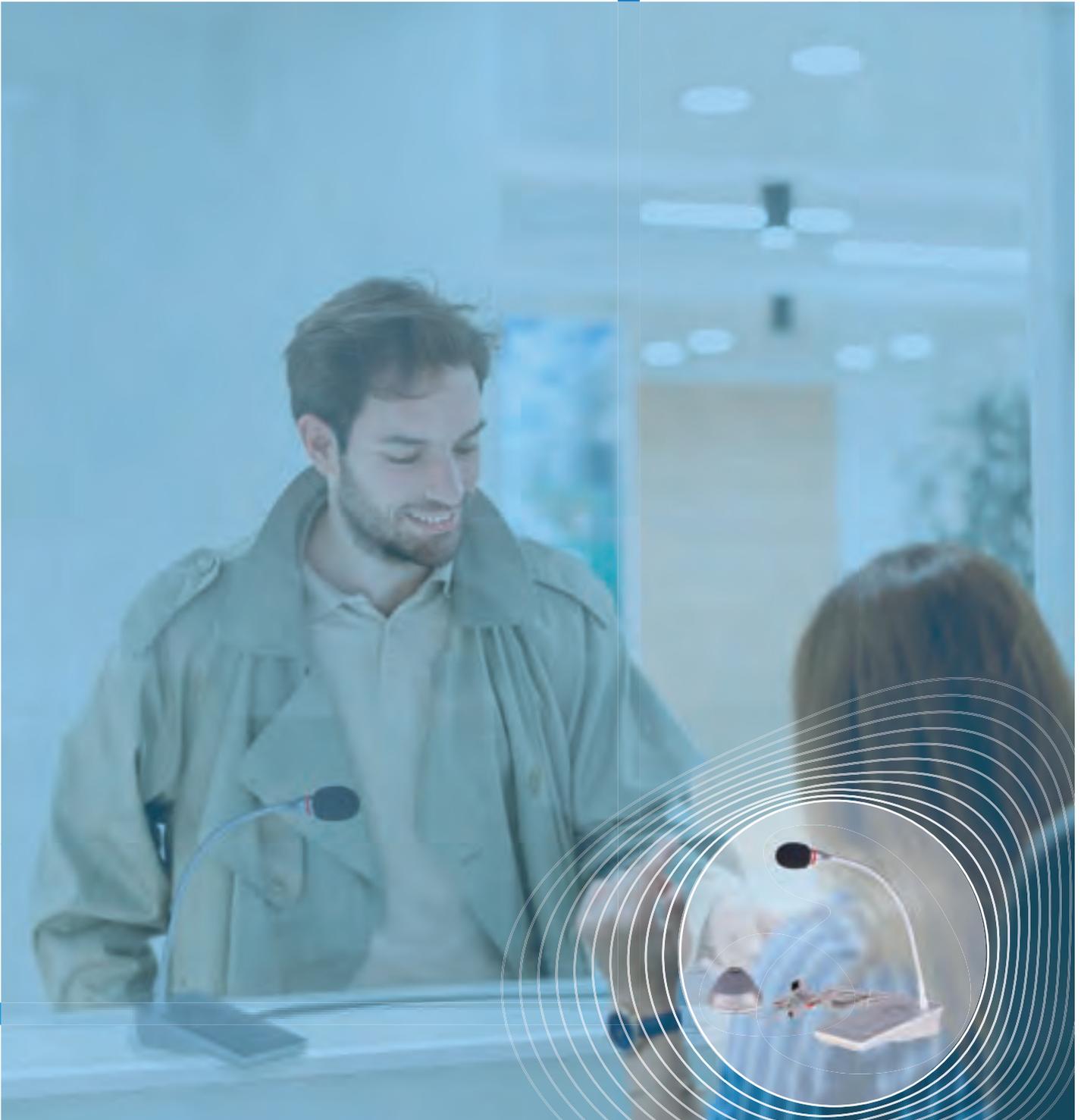
WINDOW INTERCOMS - TACTILE PAD

OP-6505H

Counter intercom consisting of a desk microphone with loudspeaker on the agent's side and a loudspeaker/microphone on the customer's side. The microphone on the customer side is fixed to the window or to a smooth wall.

AUDIO	
Voice reception	No delays
Audio coding	PCM/CAA
Signal to noise	> 90 dB
Response frequency	20 to 16000 Hz
Sampling rate	8 to 32 kHz
Volume	Adjustable 1 to 15
INPUT	
Jack	3,5 mm
TECHNICAL FEATURES	
Power supply	12 V DC, 1,5 A
Energy consumption	< 5 W
Interface	1x RJ45 Ethernet port, 1x power input, 1x recording port and 1x internal external connector
Listening mode	3 : standard, quiet and noisy
PRODUCT SPECIFICATIONS	
Agent side intercom	160 x 95 x 46,5 mm
Customer side speaker	102 x 83 x 24 mm
Packaging	Cardboard

OP-6505HB

OP-6505H kit with :
• Intercom OP-6505H
• Magnetic loop DCL20-65

OP-6505HK

OP-6505H kit with :
• Intercom OP-6505H
• Headphone HD-1022

OP-6505HBK

OP-6505H kit with :
• Intercom OP-6505H
• Magnetic loop DCL20-65
• Headphone HD-1022

WINDOW INTERCOMS - TACTILE PAD

OP-6515H

Counter intercom consisting of a desk microphone with loudspeaker on the agent's side and a loudspeaker/microphone on the customer's side. The microphone on the customer side is induction-sensitive, so it can be placed either on a window or on the counter.

AUDIO	
Voice reception	No delays
Audio coding	PCM/CAA
Signal to noise	> 90 dB
Response frequency	20 to 16000 Hz
Sampling rate	8 to 32 kHz
Volume	Adjustable through webpage
INPUT	
Jack	3,5 mm
TECHNICAL FEATURES	
Power supply	12 V DC, 1,5 A
Energy consumption	< 5 W
Interface	1x RJ45 Ethernet port, 1x power input, 1x recording port and 1x internal external connector
Listening mode	3 : standard, quiet and noisy
Microphone capsule	Ultracardioid
PRODUCT SPECIFICATIONS	
Agent side intercom	160 x 95 x 46,5 mm
Customer side speaker	102 x 83 x 24 mm
Packaging	Cardboard

OP-6515HB

OP-6505H kit with :
• Intercom OP-6515H
• Magnetic loop DCL20-65

OP-6515HK

OP-6505H kit with :
• Intercom OP-6515H
• Headphone HD-1022

OP-6515HBK

OP-6505H kit with :
• Intercom OP-6515H
• Magnetic loop DCL20-65
• Headphone HD-1022

WINDOW INTERCOMS - TACTILE PAD

STI-01

Counter intercom consisting of a desk microphone with loudspeaker on the agent's side and a loudspeaker/microphone on the customer's side. The microphone on the customer side is fixed to the window or to a smooth wall.

AUDIO	
Voice reception	No delays
Recording ouput	> 50 dB
Signal to noise	> 90 dB : 20 Hz to 16 kHz
Bandwidth	20 Hz to 16 kHz
TECHNICAL FEATURES	
Power supply	12 V DC, 0,5-2,0 A
Working current	Static 25 mA, speak 70-100 mA
Speaker power	Host 8 Ω 3W, external 8 Ω 2 W
Headphone plug	Standard audio jack
PRODUCT SPECIFICATIONS	
Agent side intercom	160 x 90 x 42 mm
Customer side speaker	74,5 x 74,5 x 22 mm
Packaging	Cardboard

STI-01B

STI-01 kit with :
• Intercom STI-01
• Magnetic loop DCL20-65

STI-01H

STI-01 kit with :
• Intercom STI-01
• Headphone HD-1022

STI-01HB

STI-01 kit with :
• Intercom STI-01
• Magnetic loop DCL20-65
• Headphone HD-1022

WINDOW INTERCOMS - PHYSICAL PAD

OP-6510

Counter intercom consisting of a desk microphone with loudspeaker on the agent's side and a loudspeaker/microphone on the customer's side. The microphone on the customer side is fixed to the window or to a smooth wall.

OP-6510B

OP-6510 kit with :
• Intercom OP-6510
• Magnetic loop DCL20-65

AUDIO	
Voice reception	No delays
Audio coding	PCM/CAA
Signal to noise	> 90 dB
Response frequency	20 to 16000 Hz
Sampling rate	8 to 32 kHz
Volume	Adjustable 1 to 15
TECHNICAL FEATURES	
Power supply	12 V DC, 1,5 A
Energy consumption	< 5 W
Interface	1x RJ45 Ethernet port, 1x power input, 1x recording port and 1x internal external connector
Listening mode	3 : standard, quiet and noisy
PRODUCT SPECIFICATIONS	
Agent side intercom	160 x 95 x 46,5 mm
Customer side speaker	102 x 83 x 24 mm
Packaging	Cardboard

UHF WIRELESS SYSTEMS

UHF systems are a great alternative to assistive listening solution, when your project constraints prevent hearing loops to be installed. Opus Technologies UHF OP-10 range is intended to be used either in wide environments or for tour guidance. It transmits the sound directly into listening options like headphones or inductive neck loops.

UHF WIRELESS SYSTEMS - TRANSMITTERS

OP-10STX

The OP-10STX rackable transmitter is intended to be used to transmit audio modulation from a sound system, PA system or microphone to one or more OP-10R or OP-10SRX receivers.

TECHNICAL SPECIFICATIONS	
Radio frequency range	863/865 MHz divided into 16 cha.
Transmission	< 10 mW
Audio frequency range	40 to 15000 Hz
CHANNELS	
CH1 input	20000 Ω
CH2 impedance	100 mV
CH2 connection	6,3 mm Jack plug
CH3 input	47000 Ω
CH3 impedance	250 mV
CH3 connection	6,3 mm Jack plug
OUTPUT	
Phantom H1	~ 46 V
Headphone output	3,5 mm Jack plug
Headphone impedance	> 16 Ω
Operation temperature	0 to 40 ºC
Power	230 V, 50 Hz
PRODUCT SPECIFICATIONS	
Dimensions	212 x 44 x 239 mm
Net weight	1,30 kg

OP-10T

The OP-10T pocket-size transmitter, supplied with an M-801S microphone, is used to transmit a speaker's voice to one or more OP-10R receivers.

TECHNICAL SPECIFICATIONS	
Radio frequency range	863/865 MHz divided into 16 cha.
Transmission	10 mW
Audio frequency range	18 to 14 Hz
Internal microphone	Electret microphone (cardioid)
Battery time	< 14 hours
PRODUCT SPECIFICATIONS	
Dimensions	54 x 17 x 99 mm
Net weight	80 g

OP-8TH

Combined with an OP-10 T transmitter, the OP-8TH is an electret microphone allowing to transmit a speaker's voice to one or several OP-10R receivers.

TECHNICAL SPECIFICATIONS	
Radio frequency range	863/865 MHz divided into 16 cha.
Transmission	10 mW
Stability	~ 10 kHz
Channel display	LED display
Controls	ON/OFF, Channel selection, Mute
Frequency responses	40 to 16'500 Hz
Power	2 LR6
Autonomy	< 20 hours

UHF WIRELESS SYSTEMS - RECEIVERS

OP-10SRX

The OP-10SRX fixed diversity receiver allows you to pick up an audio source transmitted by an Opus OP-10 transmitter and transmit it in a dedicated reception zone.

TECHNICAL SPECIFICATIONS	
Radio frequency range	863/865 MHz
Signal to noise ratio	> 105 dB
THD	< 0,6 %, 1'000 Hz
Display	LED
Controls	ON/OFF, Channel selec., Volume
Output level	- 12 dB
Output impedance	600 Ω
Power	10/18 V DC
PRODUCT SPECIFICATIONS	
Dimensions	212 x 40 x 125 mm

OP-10R

The OP-10R is a pocket-size receiver with an excellent value for money ratio. It can receive up to 16 broadband channels. Its Lithium battery provides 14 hours of battery life.

TECHNICAL SPECIFICATIONS	
Audio input	1x microphone + 1x line input
Connector type	1x 3,5 mm Micro Jack + Phoenix
Phantom supply	4,5 V, 1 mA
Peak current	4 A
RMS current	2 A at 1 kHz
Protection	Thermal, sort circuit and start
PRODUCT SPECIFICATIONS	
Dimensions	100 x 50 x 20 mm
Net weight	83 g
Packaging	Cardboard

UHF WIRELESS SYSTEMS - ACCESSORIES

OP-10TG

Single earpiece for receiver OP-10R

CE-1

Universal stereo headphones, reliable and optimised for multimedia use

OP-778

Professional headphones with a 3,5 mm jack plug. More resistant headphones with better listening quality

UHF WIRELESS SYSTEMS - ACCESSORIES

M-801S

Microphone electret headband with jack 3,5 mm jack for OP-10T

OP-101P

Plug-in microphone with 3,5 mm jack plug

W-68T

Lightweight omnidirectional clip-on tie microphone

ANT-49P

Passive omnidirectional antenna with BNC female connection

OP-49P

Passive directional antenna with BNC connection

OP-900i

Antenna booster with 10 dB gain booster and 1,8 dB antenna gain

C-900

Antenna coupler with 4 inputs and 1 output. Improves RF performance by reducing intermodulation distortion

USP-124

Signal splitter with 4 LED indicators and BNC connector

TR-iL

Magnetic neck collar to receive the magnetic loop with a 3,5 mm jack plug

UHF WIRELESS SYSTEMS - CHARGE & STORAGE

OP-SBAG

Soft waterproof bag for ST-DUO2SB kit

OP-CAS

18-inch universal storage case with pre-cut foam

OP-CAS1

10.5-inch universal storage case with pre-cut foam

OP-CAS4

20-inch universal storage case with pre-cut foam

OP-CAS12

18-inch universal storage case with pre-cut foam for 6x OP-10CH2 and 12x OP-10R

OP-10CH2

Charging terminal for 2 UHF range devices: OP-10R and/or OP-10T

OP-10CH18

Charging terminal for 18 UHF range devices: OP-10R and/or OP-10T

OP-10CH36

Charging station for 36 UHF devices: OP-10R and/or OP-10T

ST-DUO2SB

UHF kit complete with : OP-SBAG, OP-10T, OP-10R, OP-10CH2, W-68T, OP-778, TR-iL and a TV cord set

UHF WIRELESS SYSTEMS - SYSTEM KITS

ST-DUO2

UHF kit complete with : OP-CAS1, OP-10T, OP-10R, OP-10CH2, W-68T, OP-778, TR-iL and a TV cord set

For the version with soft bag, see page 43: ST-DUO2SB

OP-K4F

Fixed transmitter kit : 4x OP-10R, 1x OP-10STX, 2x OP-10CH2, 4x OP-778 and 4x TR-iL

OP-K6F

Fixed transmitter kit : 6x OP-10R, 1x OP-10STX, 3x OP-10CH2, 6x OP-778 and 6x TR-iL

OP-K8F

Fixed transmitter kit : 8x OP-10R, 1x OP-10STX, 4x OP-10CH2, 8x OP-778 and 8x TR-iL

OP-K10F

Fixed transmitter kit : 10x OP-10R, 1x OP-10STX, 5x OP-10CH2, 10x OP-778 and 10x TR-iL

OP-K18F

Fixed transmitter kit : 18x OP-10R, 1x OP-10STX, 1x OP-10CH18, 18x OP-778 and 18x TR-iL

OP-K3M

Mobile transmitter kit : transport case, 3x OP-10R, 1x OP-10T, 2x OP-10CH2, 1x W-68T, 3x OP-778 and 3x TR-iL

OP-K5M

Mobile transmitter kit : transport case, 5x OP-10R, 1x OP-10T, 3x OP-10CH2, 1x W-68T, 5x OP-778 and 5x TR-iL

OP-K17M

Mobile transmitter kit : transport case, 17x OP-10R, 1x OP-10T, 1x OP-10CH18, 1x W-68T, 17x OP-778 and 17x TR-iL

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OPUS
Technologies

Know more about Opus Technologies ?

- With 10 years of experience in hearing accessibility, Opus Technologies provides ultra compact loop amplifiers.

- Manufactured and developed by engineers in France.

- Our inclusive technologies are at the service of hard of hearing.