



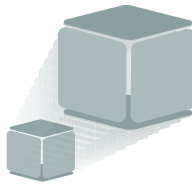
New products 2023





Imagine...

Imagine the most flexible and scalable sound system. And what if you could set up such a solution and control it with your own custom dashboard in just a few minutes? Maybe it's time for a new approach and make configuring products simpler by designing them smarter so you can do more with less products and in less time.



Flexible & scalable

That is why we have designed the Atellio product family. A brand-new range of networked sound solutions so flexible, and easy to use that they can be plugged into any kind of project while its scalability ensures that it can be easily adapted to meet the changing needs of the environment. Our solutions, which will consist of less hardware, will literally grow along as functions and features are constantly added during the product's lifecycle.



Evolving market

Our believe is that with the accelerated merge of AV and IT there is a need for more flexible sound solutions without any programming skills needed for most AV setups. It is crucial that large numbers of devices can interact with these solutions simultaneously and that they are communicating safely thanks to encrypting keys.

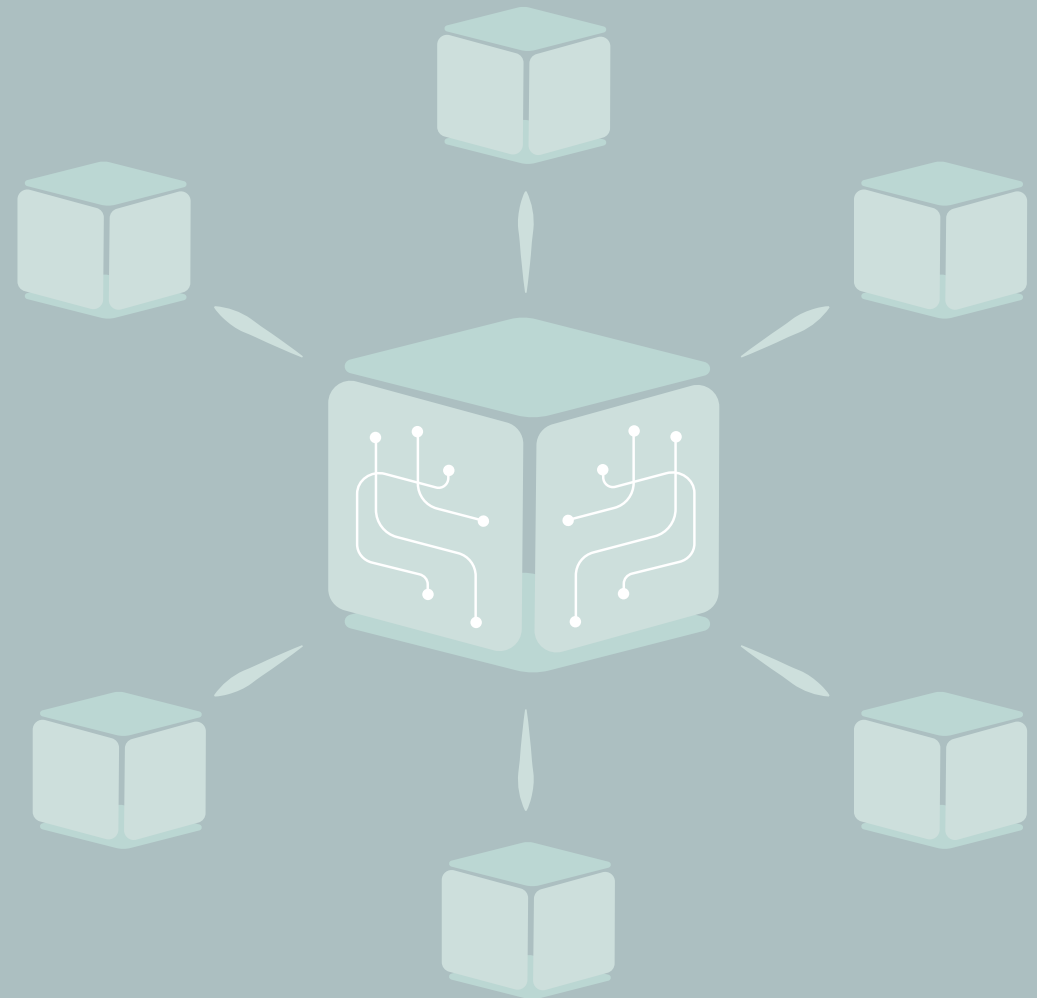


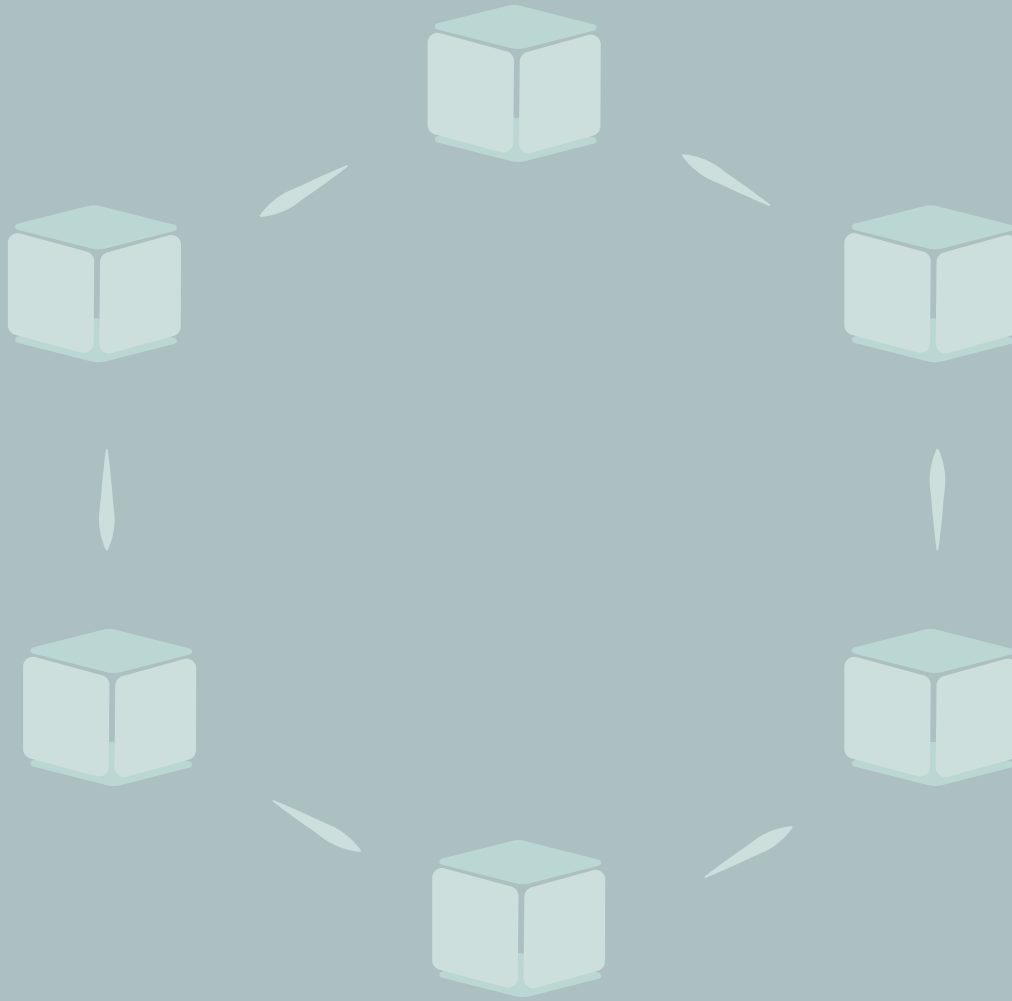
A software based approach

At the heart of it all you can find AUDAC Touch™, our total system control platform. With AUDAC Touch™, we offer the easiest way to set up a system and create custom user dashboards without without even needing a single line of code. By dragging and dropping widgets, a dashboard can be made in a flick of a wrist without complex configuration. However If you do want to create more comprehensive solutions, you can write tailor-made scripts using LUA scripting.

Centralized processing

Modularity, flexibility and sustainability were the main criteria when starting the design process, and this is evident when you zoom in on the various product ranges. You can go for a centralized approach in which you choose one of our powerful next gen matrix systems that excel in ease of installation and flexibility of use.





Decentralized processing

But at the same time we are telling you don't need a centralized type of installation for some applications. This is because of our believe to make each and individual product smarter and more powerful then ever before. Every element comes equipped with the necessary processing power and unique features making them perfect to be used as a solution by themselves.

Hello

Atellio family



A complete family



Less individual products needed



Software based approach



Sustainable future proof solution



Premium functionalities on demand



Total system control



Compatibility across multiple AUDAC families



No complex programming required



Automatic device discovery



AUDAC technology partners
(Sennheiser, Netgear, STYB,...)

*Networked
sound, easy.*



The most powerful matrix system

we have ever designed.



SHARC
main DSP

2 x
DSP cores

1 x
ARM core based on Linux

2 x separate
co-DSP's

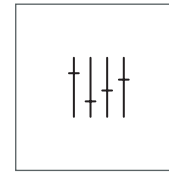
1 x separate monitor
MCU

LUNA-F

Flexible networked audio matrix processor

The LUNA-F is our next generation audio matrix processor. This advanced audio distribution system allows you to easily distribute audio to up to 16 stereo zones or up to 32 mono zones (all combinations possible). Thanks to its included 16 Dante™/AES67 channels, you can even route high-quality audio transmission over the network. With an internal structure of 8 mic/line inputs, 8 outputs and 8 flex inputs / outputs offers an unseen flexibility and number of possibilities. The powerful DSP processor enables you to fine-tune the audio in each zone to your exact specifications.

- ✓ 32-bit ADC & DAC (@48 kHz sample rate)
- ✓ 16 x 16 included Dante™ channels (optional expandable up to 64 x 64)
- ✓ Unmatched flexibility for input, output & zone mapping
- ✓ Scalable mixture of analogue and network channels
- ✓ Automatic OTA remote update possibility
- ✓ AudioBridge for Dante™/AES67 audio transfer for all inputs & outputs
- ✓ Compatible with all Dante™/AES67 paging/in & output devices
- ✓ Fully scalable from medium sized to the largest enterprise solutions

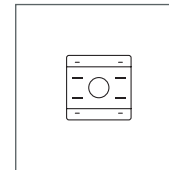


16 stereo or up to 32 mono flexible zones
(All combinations possible)



Intuitive LUA scripting

☆ Premium feature



Compatible with all AUDAC network control devices
Incl. 3rd party equipment

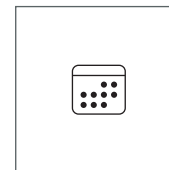


Acoustic Echo Cancellation

☆ Premium feature



WaveTune™ & WavePreset™ processing



Integrated messaging module
(Trigger and timed event scheduling)

LUNA-F

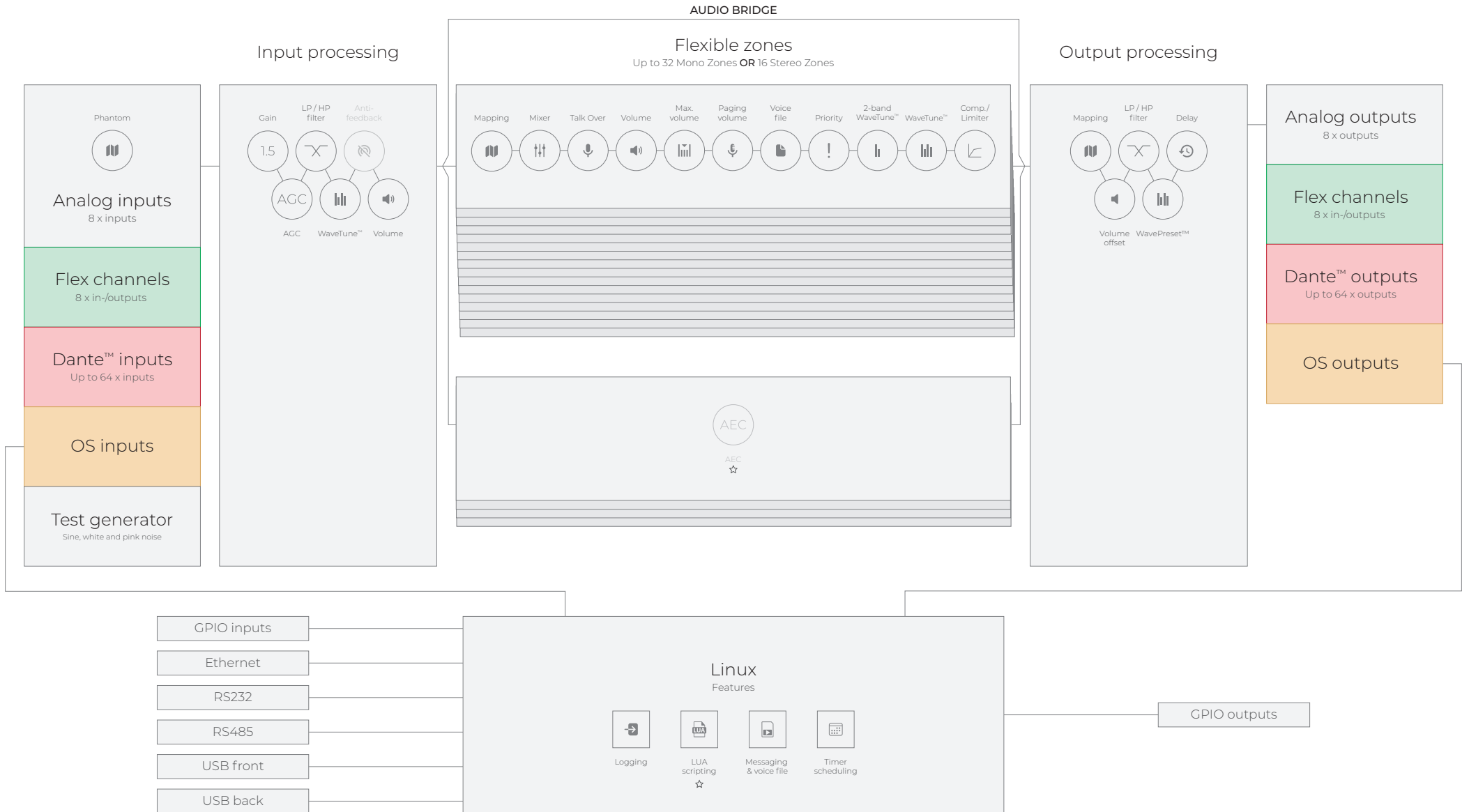
Flexible networked audio matrix processor



- ① 8 x balanced Mic/Line inputs
- ② 8 x flex in- & outputs
- ③ 8 x balanced line outputs
- ④ 24 x GPIO in-/output contacts
- ⑤ USB Type-C host - E.g. uploading files
- ⑥ RS232/RS485 control
- ⑦ External error contact
- ⑧ Network ethernet & primary Dante™ port
- ⑨ 24 V connector



☆ Optional feature



* Please note that this block diagram represents the functionality of LUNA-F, The LUNA-U is a variant of this block diagram.

LUNA-U

Unified audio matrix processor

USB | TCP/IP |  Dante™
Option available

- ① 12 x balanced Mic/Line inputs
- ② 8 x balanced line outputs
- ③ 12 in & 12 out GPIO contacts
- ④ USB Type-C host - E.g. uploading files
- ⑤ RS232/RS485 control
- ⑥ External error contact
- ⑦ Network ethernet port
- ⑧ 24V connector

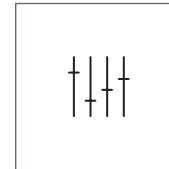


LUNA-U

Unified audio matrix processor

The LUNA-U unified audio matrix processor delivers top-quality audio distribution for any size installation. With a total of 16 stereo zones or 32 mono zones, you'll have plenty of flexibility to distribute audio throughout your installation. The LUNA-U features 12 mic/line inputs and 8 outputs, allowing you to connect a wide range of audio sources and devices. And with a powerful DSP processor, you can fine-tune the audio for each zone, ensuring that you get the best possible sound quality no matter where you are. Should you still need audio over the network, there is an optional Dante card, allowing you add additional Dante™/AES67 channels.

- ✓ 32-bit ADC & DAC (@48 kHz sample rate)
- ✓ Expandable up to 32 x 32 Dante™ channels (with optional extension card)
- ✓ Unmatched flexibility for input, output & zone mapping
- ✓ Scalable mixture of analogue and network channels
- ✓ Automatic OTA remote update possibility
- ☆ ✓ AudioBridge for Dante™/AES67 audio transfer for all inputs & outputs
- ☆ ✓ Compatible with all Dante™/AES67 paging/in & output devices
- ☆ ✓ Fully scalable from medium sized to the largest enterprise solutions

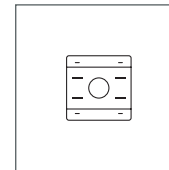


16 stereo or up to 32 mono flexible zones
(All combinations possible)

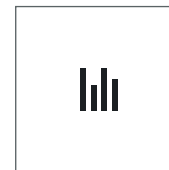


Intuitive LUA scripting

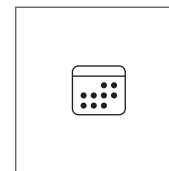
☆ Premium feature



Compatible with all AUDAC network control devices
Incl. 3rd party equipment



WaveTune™ & WavePreset™ processing



Integrated messaging module
(Trigger and timed event scheduling)

A brief overview

Compare the LUNA series

| | LUNA-F | LUNA-U |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mic / Line inputs | 8 | 12 |
| Flex inputs / outputs | 8 | - |
| Line outputs | 8 | 8 |
| GPIO | 24 flex | 12 in & 12 out |
| Dante™/AES67 Networked audio channels | Standard: 16 x 16 Software extension: 8 x 8 [SL-NAC8] Max channel count: 64 x 64 | Standard: None Hardware (w/ software) extension: 8 x 8 [ANM88] Additional software extension: 8 x 8 [SL-NAC8] Max. channel count: 32 x 32 |
| AEC (Acoustic Echo Cancellation) | Optional license [SL-AEC4] | - |
| Control interface ports | Ethernet (primary & secondary), RS-485 & RS-232 | Ethernet (primary), RS-485 & RS-232 |


Make your system even more complete

Atellio family extensions

Our software based thinking not only forces us to challenge ourselves to constantly improve our total system control platform, AUDAC Touch™, yet also results in offering Touch and hardware related licences.

This vision enables us to activate new and additional functions from the start or later in the project without having our partners to pay for features they won't need or use.

| Optional licences | | |
|------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------|
| 8 x 8 networked Dante™/AES67 Audio channels expansion license [SL=NAC8] | LUA scripting engine activation license [SL-LUA1] | 4 channels AEC activation license [SL-AEC4] |

| Additional extension cards |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dante™/AES67 networked module + 8 x 8 license for LUNA-U [ANM88]  Option available |



NCP105

Universal network/PoE wall panel controller

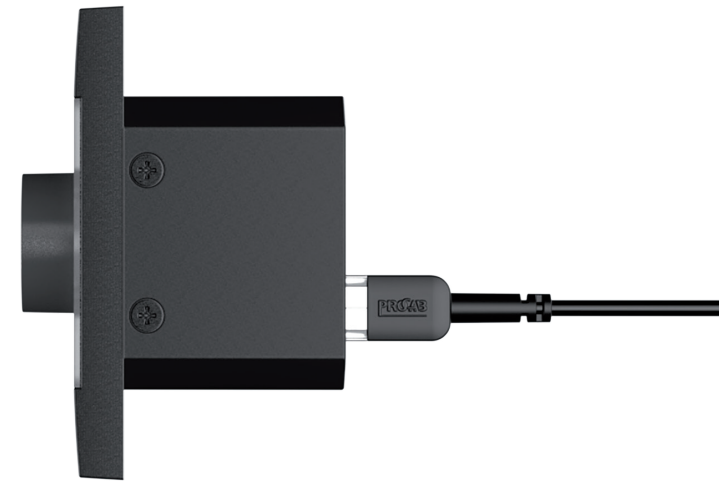
The NCP105 is an universal network wall panel controller, which is operated through 4 capacitive touch buttons and a rotary encoder dial. Each button is provided with an RGB indicator LED, while the RGB LED ring gives user feedback of the selected settings and audio VU information.

The front panel is finished with high grade materials such as the hardened glass that makes them blend into any environment. These wall panels are compatible with standard EU style in wall boxes, these wall panels are the ideal solution for solid and hollow walls.



Plug-and-play installation

The IP based communication makes it future proof while also being backward compatible with a lot of existing products, while the limited PoE power consumption makes it compatible with any PoE network based installation.



Suitable for most TCP-IP devices

The NCP105's design allows it to be used in many applications and with many different AUDAC or third-party AV equipment. From amplifiers to loudspeakers, the choice is yours.



Compatible AUDAC devices

- ✓ LUNA series
- ✓ MTX series
- ✓ VEXO series (with ANI44XT)
- ✓ AMP203 & AMP523
- ✓ More to come
- ✓ M2
- ✓ MFA series
- ✓ SMQ, PMQ & SMA series (with ANI44XT)
- ✓ ARU series

NWP series

Networked audio in- & output wall panels

Internal mixing & EQ | Bluetooth | USB | PoE | Dante

NWP320

- ✓ 2 x XLR inputs
- ✓ 3.5 mm jack
- ✓ Bluetooth
- ✓ 4-channel Dante™
- ✓ Internal mixing & DSP processing

NWP222

- ✓ 2 x XLR inputs & outputs
- ✓ Bluetooth
- ✓ 4-channel Dante™
- ✓ Internal mixing & DSP processing





NWP220

- ✓ 2 x XLR inputs
- ✓ Bluetooth
- ✓ 4-channel Dante™
- ✓ Internal mixing & DSP processing

NWP300

- ✓ 3.5 mm jack
- ✓ Bluetooth
- ✓ 4-channel Dante™
- ✓ Internal mixing & DSP processing








NWP400

- ✓ USB type-C
- ✓ Bluetooth
- ✓ 4-channel Dante™
- ✓ Internal mixing & DSP processing

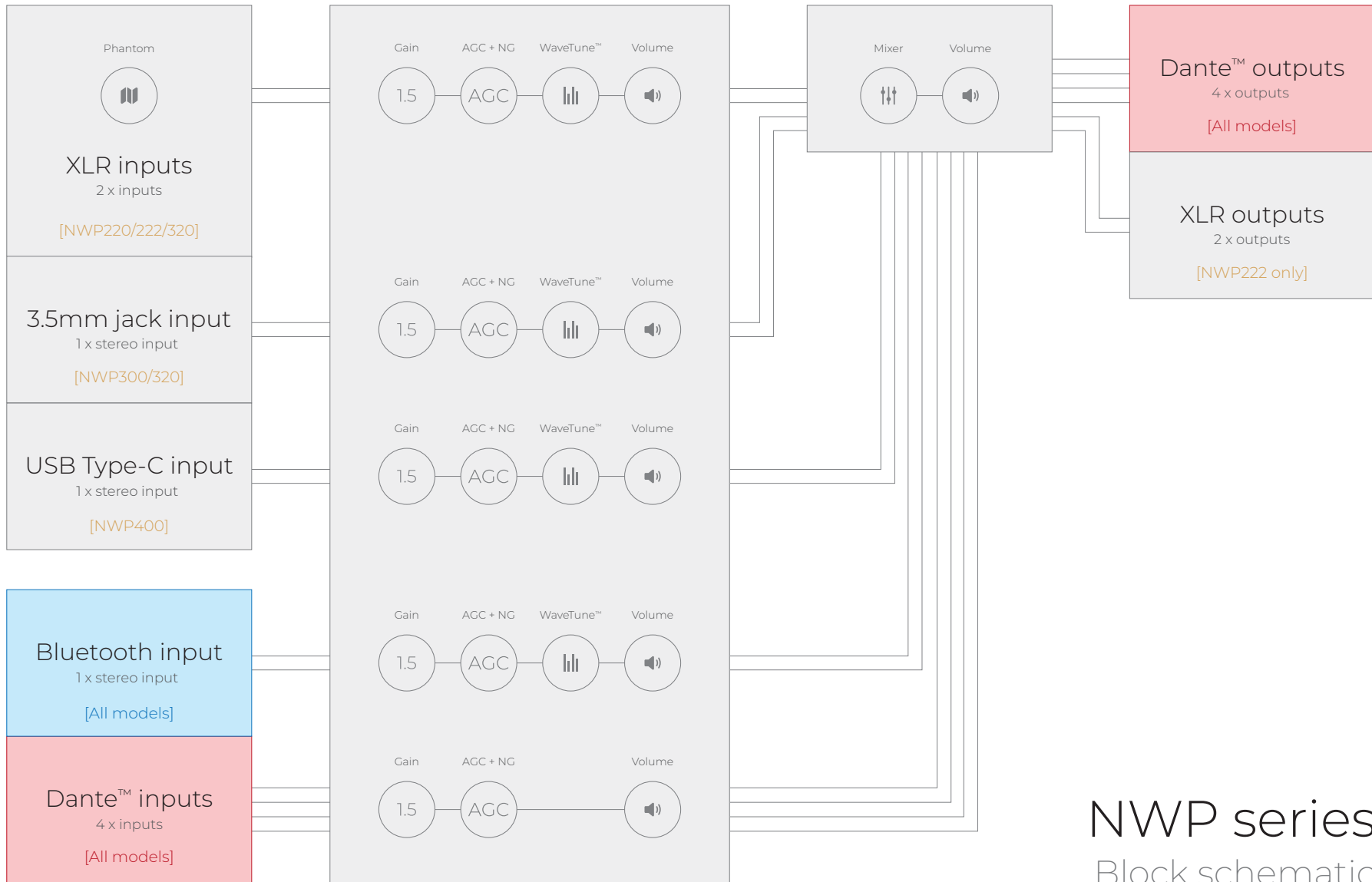
A brief overview

Compare the NWP series

| |  |  |  |  |  |
|----------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| | NWP220 | NWP222 | NWP300 | NWP320 | NWP400 |
| XLR Mic / Line inputs | 2 | 2 | - | 2 | - |
| Stereo 3.5 mm jack input | - | - | Yes | Yes | - |
| Bluetooth input | Yes | Yes | Yes | Yes | Yes |
| USB Type-C input | - | - | - | - | Yes |
| XLR Line outputs | - | 2 | - | - | - |
| Dante inputs | 4 (mixing) | 4 (mixing) | 4 (mixing) | 4 (mixing) | 4 (mixing) |
| WaveTune™ input processing | Yes | Yes | Yes | Yes | Yes |
| Compatible with standard EU style wall boxes | Yes | Yes | Yes | Yes | Yes |

Input processing

Output processing



NWP series
Block schematic



NPM200

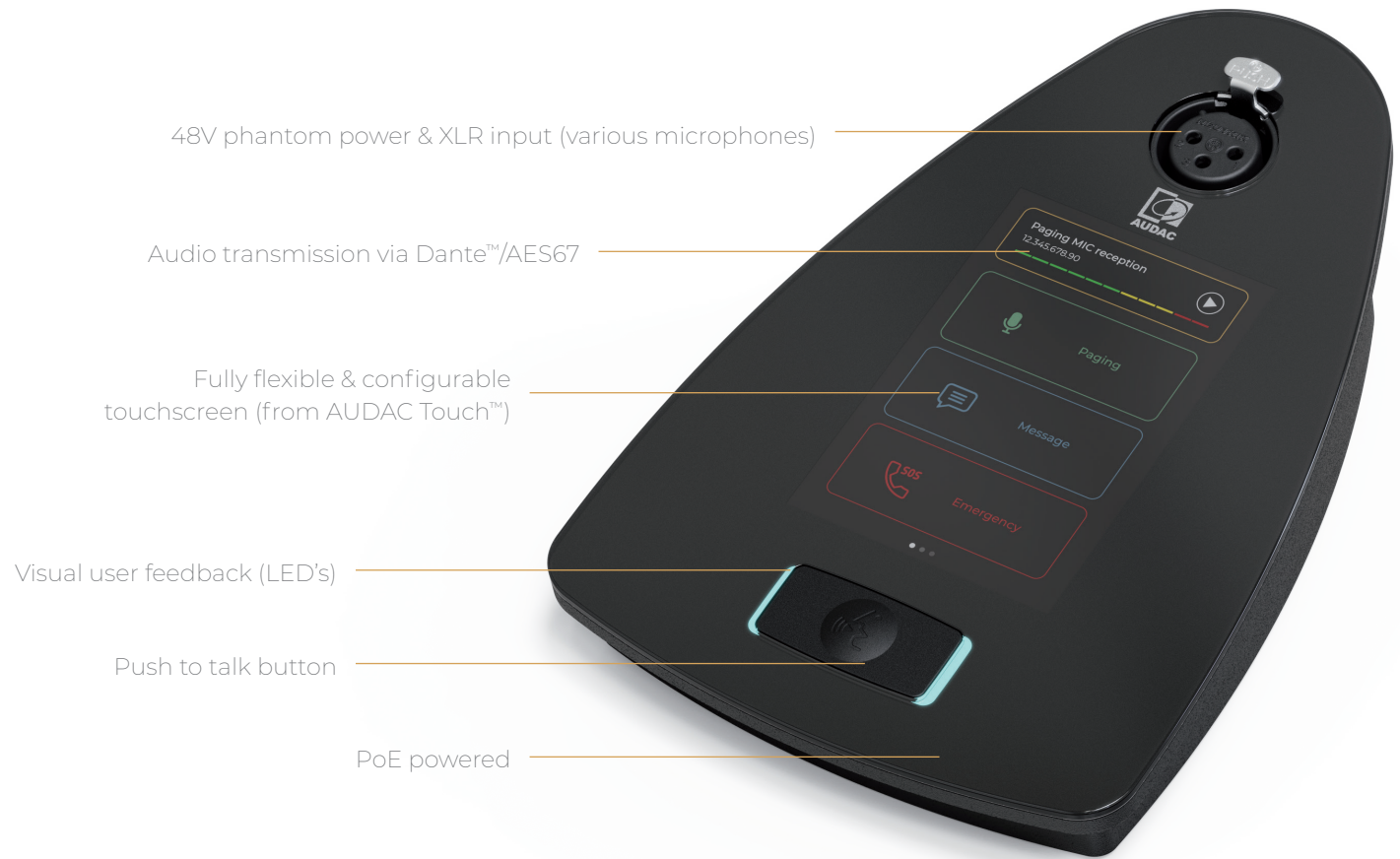
Dante™/AES67 paging console

The NPM200 Dante™/AES67 paging console is a PoE microphone that enables you to make announcements & send commands for triggering functions over the network.

With Power over Ethernet (PoE) technology, this console can be easily connected to your network without the need for additional power cables, making it the perfect solution for busy offices and other professional environments.

Featuring a user-friendly interface and intuitive controls on a 3.5" touchscreen, the NPM200 allows you to easily manage audio paging and messaging. You can create and transmit pre-recorded messages, or use the console's XLR input to make announcements in real-time.





48V phantom power & XLR input (various microphones)

Audio transmission via Dante™/AES67

Fully flexible & configurable touchscreen (from AUDAC Touch™)

Visual user feedback (LED's)

Push to talk button

PoE powered



Integrated memory for recordings & announcements



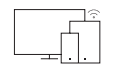
Integrated filters and EQ



Support for 3rd party equipment commands



Custom dashboards with multiple panels

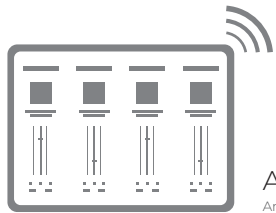


Fully configurable through AUDAC Touch™ UI





Adidas Factory outlet | Berlin, Germany runs on AUDAC


Decentralized TouchLink™ setup

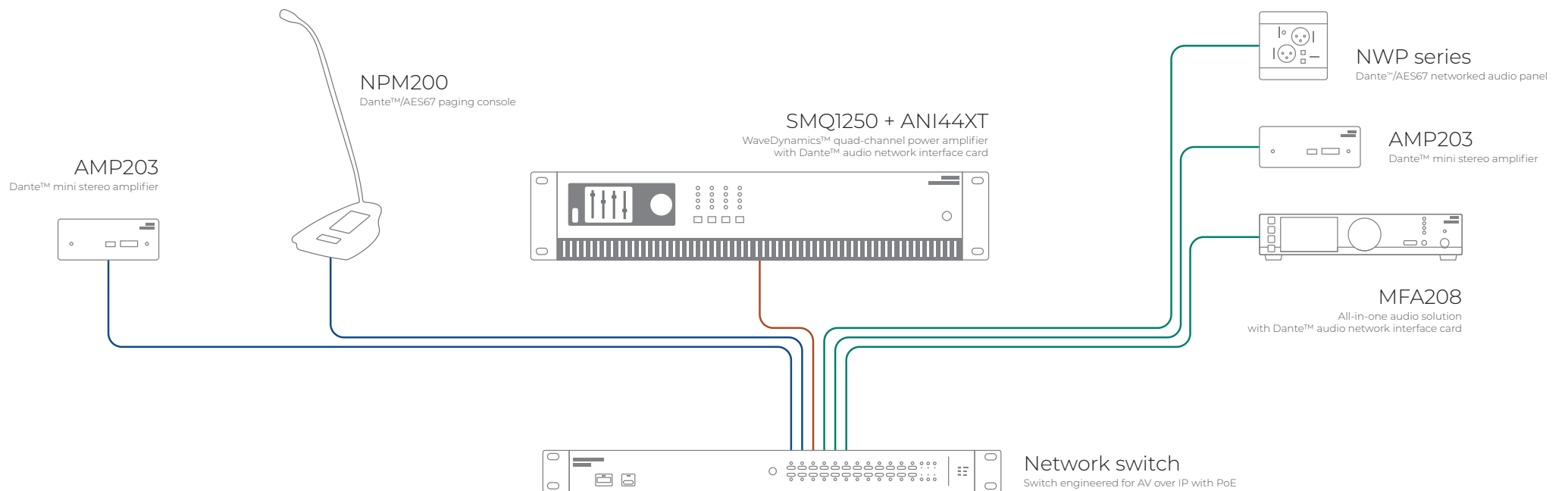


AUDAC Touch™
Amplify sound, simplify control

ZONE 1  Counter

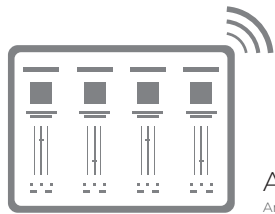
ZONE 2  Warehouse

ZONE 3  Storefront

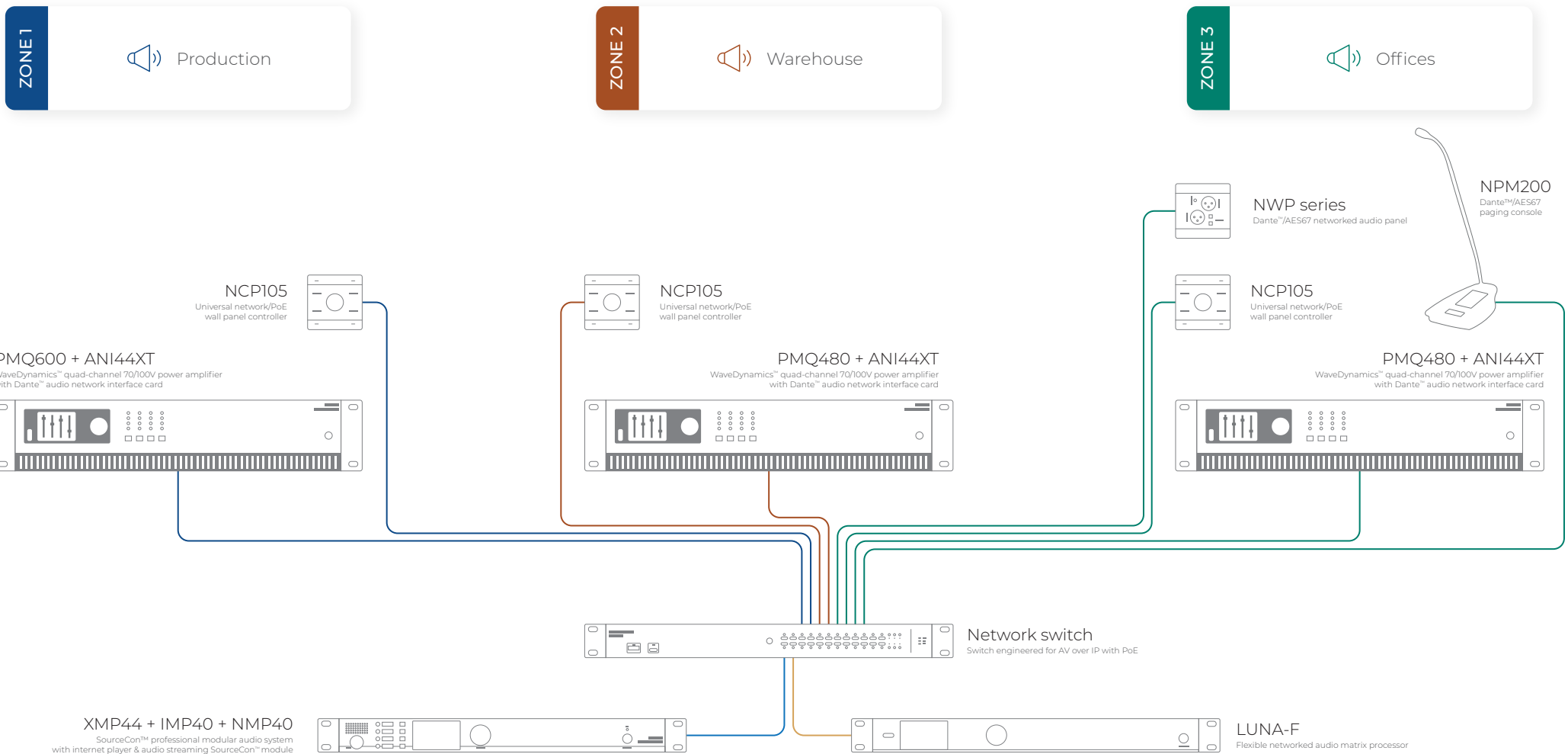




Centralized setup



AUDAC Touch™
Amplify sound, simplify control





☰ ← Bertie's Fish & Chips

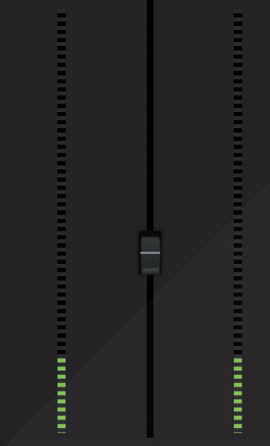
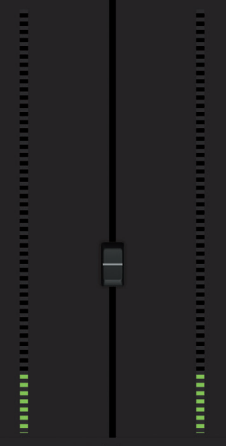
FLOOR CONTROL

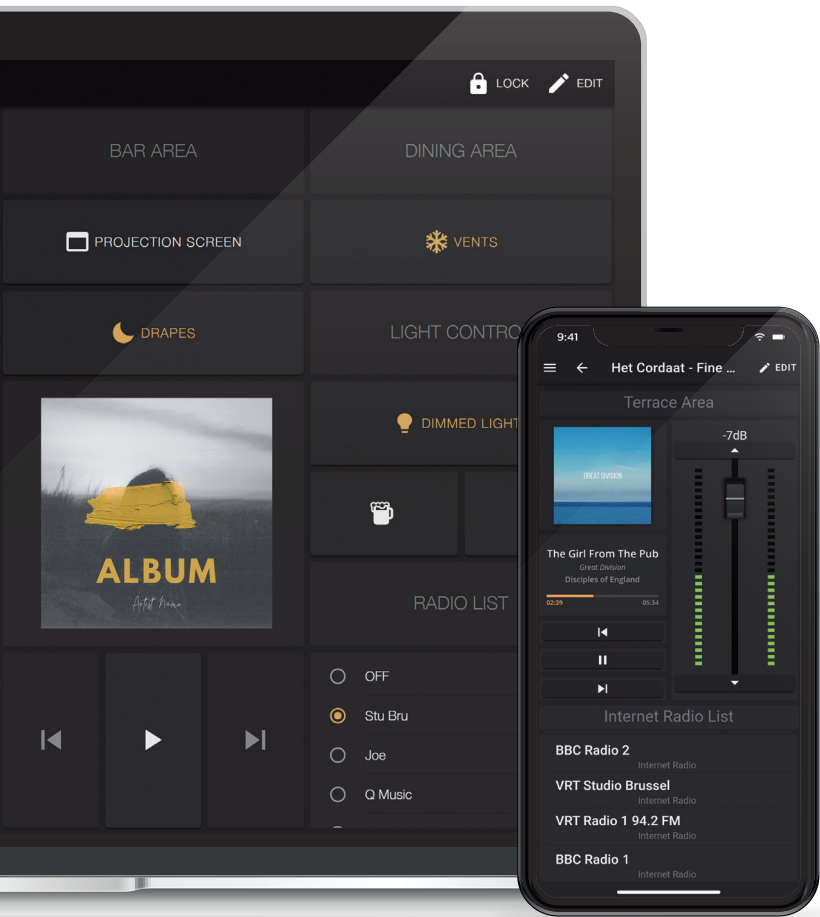
Marketing
MIXING

Product
MIXING

Stu Bru
-44dB

Stu Bru
-42dB





AUDAC Touch™

Total system control

AUDAC strongly believes in out of your pocket controllable audio solutions and further establishes its progressive position through developing the AUDAC Touch™ total system control platform. Using this freely available solution, application specific dashboards can be created and customized, allowing the control of multiple devices from one single application.



Total system control



Automatic device discovery



Custom dashboards



Premium functionalities on demand



Freely downloadable

Technology partners

At AUDAC, we are committed to providing our customers with the best possible products and services. In order to do this, we work with a variety of technology partners in order to access a wider range of expertise and capabilities.



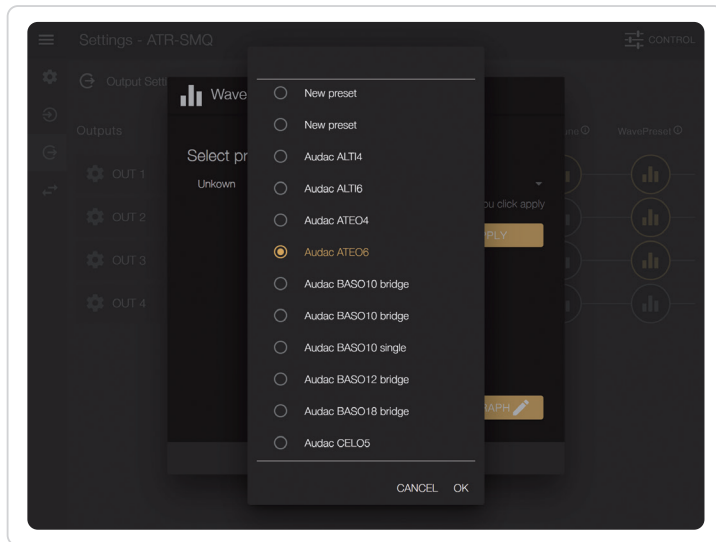
NETGEAR

Audinate

SENNHEISER

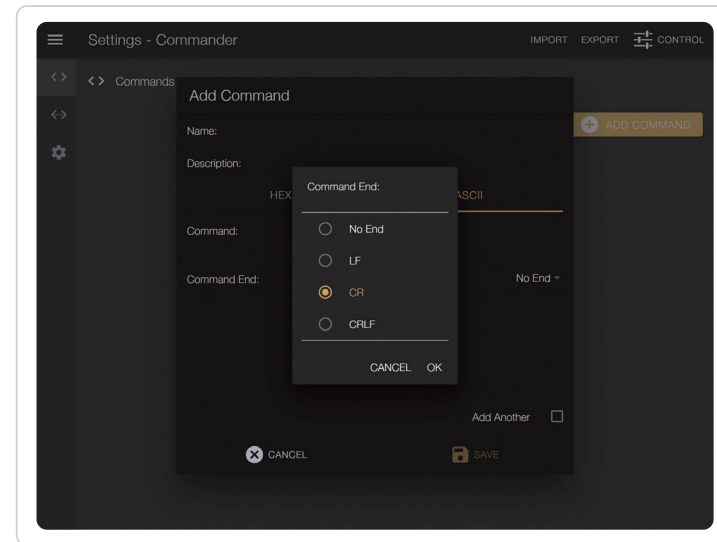
AUDAC Touch™

What is new in the latest update?



Select WaveDynamics™ presets as a speaker filter

Loading Wavedynamics presets to your device is made easier. Wavedynamics™ presets can now be selected and applied as a speaker filter by selecting them from a list in the app. From there, you can further adjust it to suit your needs.



Extended Commander functionality

You can now configure sequences of commands that can be executed with just one click. This for both AUDAC and third-party devices. Next to that UDP commands can be executed in addition to TCP commands. Commands can be exported and imported to and from a file allowing them to be shared across different accounts.

100% customizable

Select your widgets

Licensed streaming*

The NMP40, a professional audio streaming SourceCon™ module for Spotify™ and Soundtrack Your Brand© is now supported, allowing you to easily integrate and control both streaming services from within the application.

Control each zone

Control audio players and other serial communication supporting devices, such as WaveDynamics™ amplifiers.

Commander function

Configure sequences of commandos that can be executed with just one click. This for both AUDAC and third-party devices. In addition to TCP command now UDP commands can also be executed. Commands can be exported and imported to and from a file allowing them to be shared across different accounts.



Adaptive dashboard

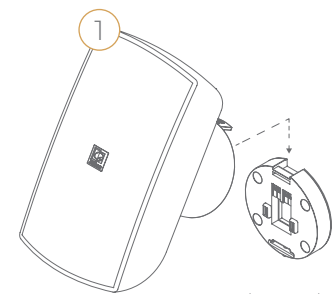
Fully flexible positioning and scaling allows you to design and group your dashboard according to your own preferences. Custom naming offers an intuitive and user friendly interface according to project specific requirements.



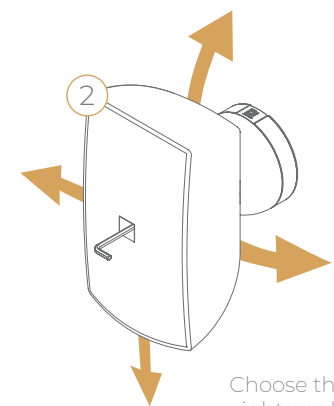
* Note that your national legislation may be different for your territory, check the website for more information.



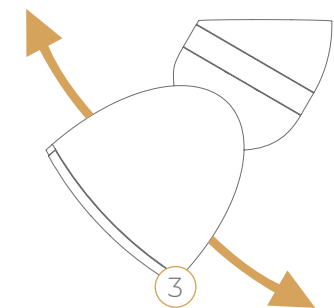
*Bright sound,
effortless installation.*



Attach speaker



Choose the
right angle



Optional extra dimension with
incline mount (WMAxxM)

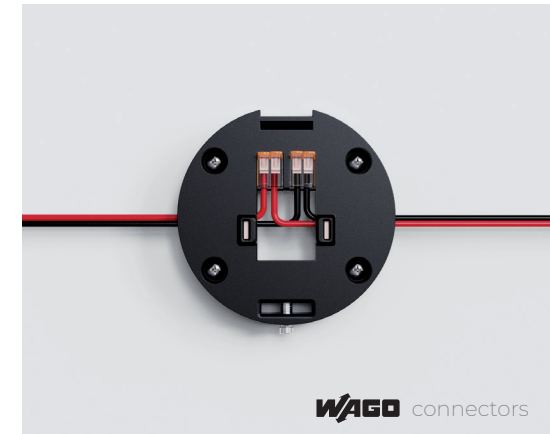
ATEOxM series

In- & outdoor surface mount
loudspeakers with CleverMount+™

The ATEO series are extraordinary loudspeakers especially designed for fixed install in- & outdoor applications, ranging from modern residential applications to the most demanding designer applications in environments such as retail stores, pubs, restaurants or even clubs. Ensuring you an immersive true to-nature sound experience, thanks to the high quality components used and the wide dispersion (up to 130°) that that can be achieved

- ✓ High-end sound experience
- ✓ Unique CleverMount+™ mounting system
- ✓ Incline and rotatable in any direction
- ✓ Optional protective connection cover (WPMxx) & light track adapter mount (RMA45M)
- ✓ All-weather resistant
- ✓ Hydrophobic cloth behind aluminum grill
- ✓ Salt spray and UV resistant
- ✓ Optional incline mount (WMAxxM) & Cluster mount set (CMA1xxM)

Ω 8 Ohm | Ω 16 Ohm | ⚡ 70-100 Volt | 💧 IP65 | ☔ Weatherproof



AUDAC product families

An overview - Inspired by sound



Innovative sound products



Atellio family

Networked sound & control

- ✓ LUNA-F
- ✓ LUNA-U + ANM88
- ✓ NWP & NCP series
- ✓ AMP203
- ✓ SMA, SMQ & PMQ series + ANI44XT
- ✓ MFA series + ANI44XT
- ✓ XMP series + ANX44X
- ✓ VEXO series + ANI44XT
- ✓ More to come...



Consenso family

Networked control

- ✓ MTX series
- ✓ ARU series
- ✓ MFA series
 - ✓ M2
- ✓ XMP series
- ✓ AMP523
- ✓ APC100



Soveno family

Non-networked sound & control

- ✓ PRE series
- ✓ SCP, CEP & DPA series
- ✓ SMA, SMQ & PMQ series
- ✓ CAP series
- ✓ EPA & COM series
- ✓ ISP, MSP & TSP series
- ✓ AMP22
- ✓ AGP20, ATU44 & ALI20
- ✓ VEXO series
- ✓ ARESSA
- ✓ IMEO2
- ✓ NOBA8A

Networked control panels

- ✓ NCP series

Analogue wall controllers

- ✓ VC series

Networked wall panels

- ✓ NWP series

Analogue wall inputs & controllers

- ✓ WP2xx, WLI, WMI & MWX series

Analogue wall inputs


- ✓ WP2xx series with 24V DC power supply (PSD241)

Networked paging microphones

- ✓ NPM series

Analogue paging microphones

- ✓ Paging microphones series



AUDAC Touch™

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