



RELEASE NOTE

ARMONÍAPLUS 2.9.0

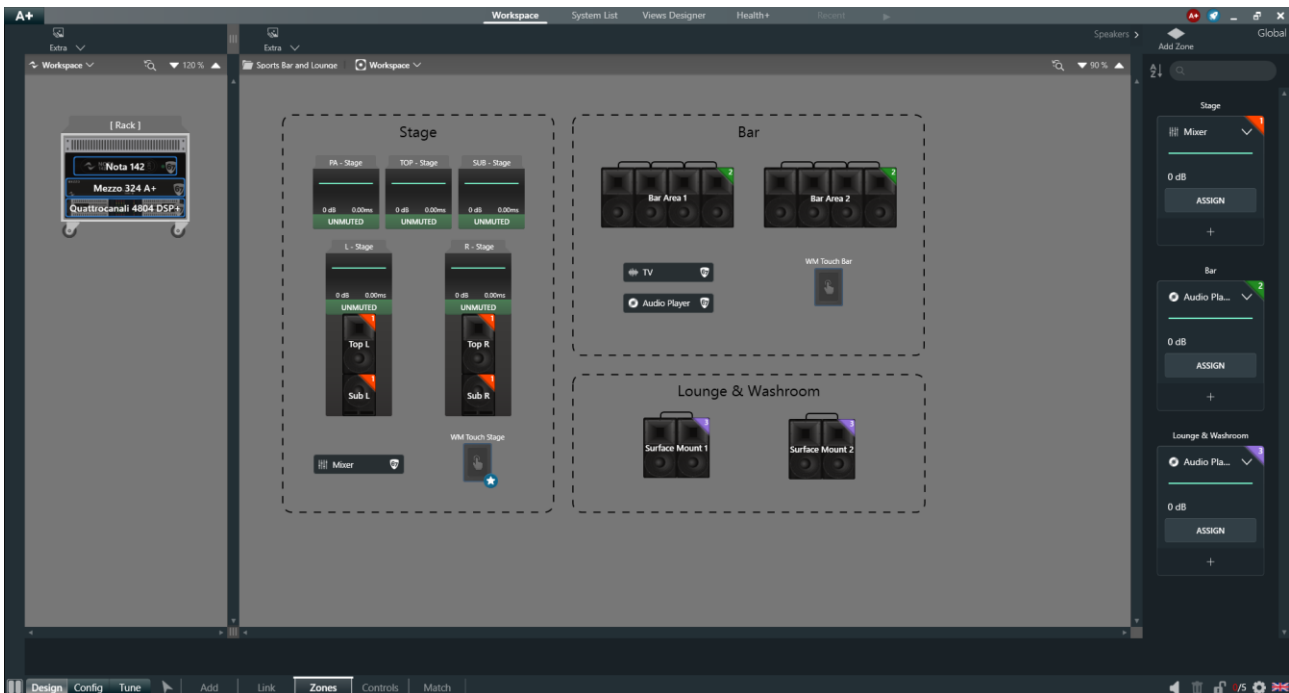
OVERVIEW

ArmoníaPlus 2.9.0 expands system interoperability and health-monitoring functionalities, improves amplifier onboarding workflows, and introduces updated project file formats to enhance performance, especially on large-scale design systems.

NEW FEATURES

DMD SUPPORT FOR NOTA 142

With ArmoníaPlus 2.9.0, NOTA 142 can now be integrated into Dynamic Music Distribution systems using AES67 transport, alongside supported amplifier families including MEZZO A+, Duecanali and Quattrocanali Series DSP+.



The DMD support for NOTA 142 is included in the NOTA firmware 1.2.4.

SPEAKER IMPEDANCE VERIFICATION IN HEALTH+

UNICA Series amplifiers can now measure reference and validation loudspeaker impedance curves directly within Health+.

The speaker's verification section on ArmoníaPlus can be found under the Health+ tab, showing:

- A Measurement window that lists all the speakers belonging to your system/project
- A View Data window showing the measurement status for each speaker, along with the date of measurement
- A Compare window, with the possibility to hide or show each speaker's impedance curve

Validation curves are automatically compared against their reference curve to help evaluate transducers' performance over time and support early detection of degradation or faults.



Speaker impedance verification for UNICA amplifiers is included in UNICA firmware 1.12.0.840.

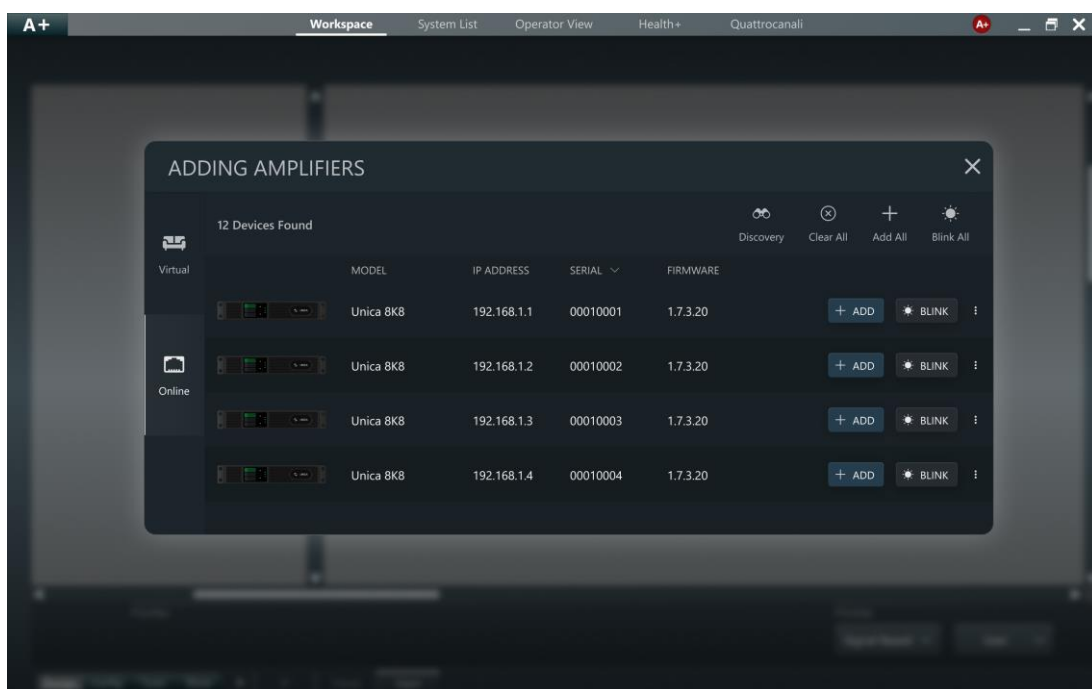
Initially, only UNICA Series loudspeakers are supported. In future releases, additional amplifier models will be compatible.

AMPLIFIER DISCOVERY FROM DESIGN/ADD

In addition to Design/Match, ArmoniaPlus now supports discovering and adding online amplifiers directly from the Design/Add > Amplifier modal window.

The modal window is now subdivided in virtual and online elements, where the online section lists all amplifiers belonging to the project, with all the operations that were previously found only the Design/Match tab.

This feature enhances the user's workflow when utilizing online amplifiers, as it eliminates the need to manually jump to the Design/Match tab before linking loudspeakers.



NEW FILE FORMATS

ArmoníaPlus 2.9.0 introduces updated file formats across the platform, e.g.:

- .pam → .pam2
- .paw3 → .paw4

to improve compatibility and enable future extensibility.

The new file formats are automatically selected when saving a project to local storage.

The new formats significantly boost performance, reducing save time on large systems. As an example, saving a .paw4 project with 90 amplifiers now takes approximately 5 seconds, compared to 20 seconds using the .paw3 format, giving an improvement of up to 300%.

BUG FIXES AND MINOR IMPROVEMENTS

Minor fixes and performance improvements

FIRMWARE BUNDLED WITH THE RELEASE

- UNICA & UNICA T: 1.12.0.840 (new)
- NOTA 142: 1.2.4 (new)
- MEZZO Series: 1.6.1
- T Series: 1.12.0
- X Series: 1.12.0
- Ottocanali, Quattrocannali and Duecannali DSP Series: 1.12.0
- Quattrocannali: 2.0.2
- Dsp4: 1.6.28
- IPAL, MDrive: 1.8.6
- WallMount Touch: 1.3.1
- PC ViewsHost: 3.1
- VERSO: 1.0.1