# TW AUDiO ELLA6 speaker presets

TW AUDiO provides a new release of presets for Powersoft X-/Canali- and T-Series as well as Lab Gruppen PLM+.

## Current preset versions:

Armonia+:
`TW AUDiO#ELLA-series#ELLA6#passive_v1.0.spk3`

Lake Controller:

`ELLA6-cut 1.0+.csm`

`ELLA6-full 1.0+.csm`

## Release notes:

The presets are optimized for an array of six modules ELLA6 per side. The presets contain either additional overlay EQs (LAB Gruppen Lake Controller) or manufacturer EQs (Powersoft Armonia+) with preconfigured filters depending on the amplifier platform which is used.

TW AUDiO provides preset data for full and cut application, used either for stand-alone usage of the top elements or usage with subwoofers.

Furthermore, it is possible to chance between different filters to compensate the low mid build-up resulting from an increasing array length. Beside an EQ for single element usage which can be activated for example in a frontfill or under balcony application there are preconfigured filters labelled C3 and C6. A higher number represents a longer array. The numbers give an orientation for the number of speakers within an array splayed with mid-sized angles.

If several zones or amplifier channels are used to drive one array, make sure that all are driven with the same preset! In these configurations the total number of elements is decisive for choosing the compensation filter.

## Please note:

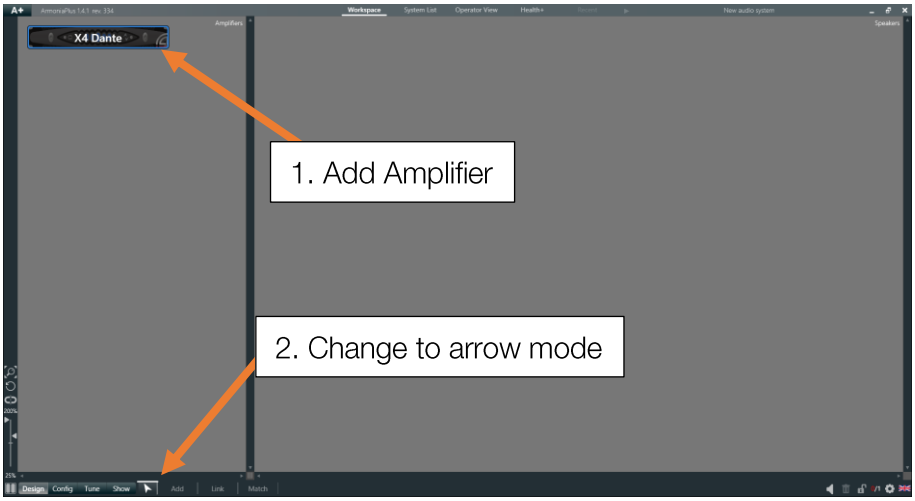
The ELLA6 speaker can only be operated with a DSP controller. Only the latest versions of the presets developed by TW AUDiO are recommended. The TW AUDiO system racks are optimized for this.

TW AUDiO suggests standard setups of three or six elements per side. The presets are designed to give the best possible starting point for tuning of six elements. For a different array sizes you have to compensate the acoustical low-mid coupling of the array. Furthermore, room acoustics and splay angles have an influence of the sound. For further information consult the preset guides on the TW AUDiO website.

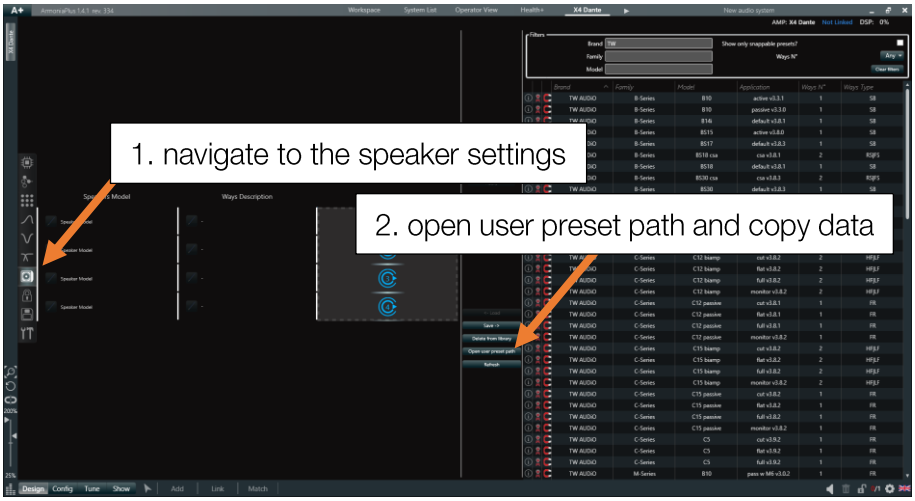
## Usage in Armonia+

### Insert the presets in your local user preset path of Armonia+

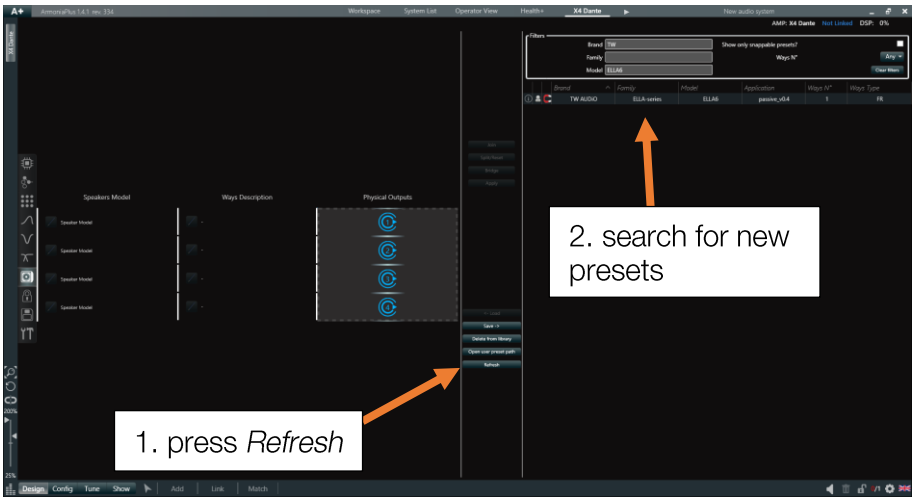
To add the new presets in your local Armonia+ user preset path please open the Armonia+ software, add an X-/Canali- or T-series amplifier and access it by double-clicking the device in arrow mode.




Navigate to the speaker icon on the left side and click *Open user preset path* in the center of the program window. An explorer window will open where you can paste the new presets.



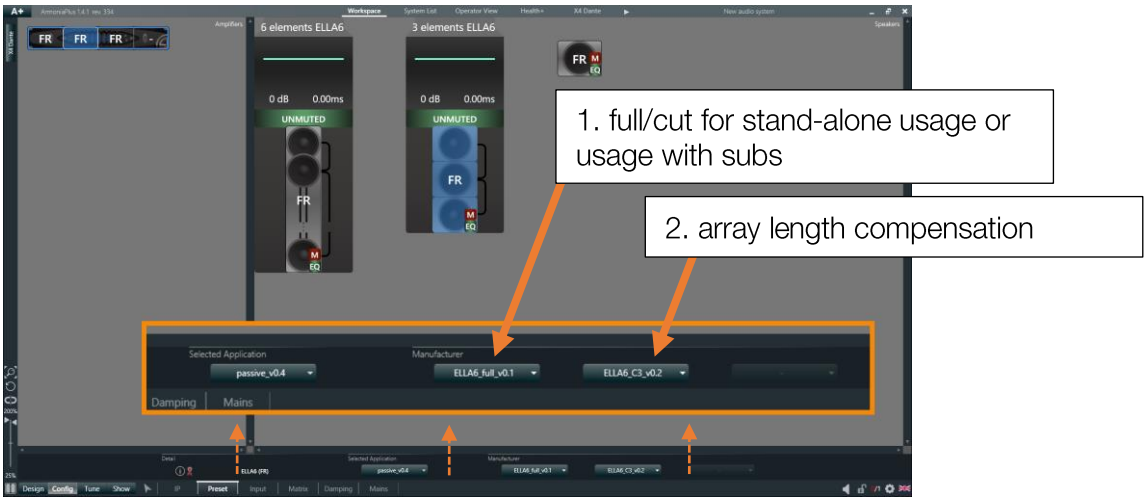
After copying the data press the *Refresh* button in the center of the Armonia+ program window. To check if everything works properly you can search for the new presets at the right side. Now you should be able to add the speakers to the Armonia+ workpace.




## Change between preset applications with manufacturer EQs

In Armonia+ the new manufacturer EQs are used to change between the different applications of the speaker system. Manufacturer EQ full is for standalone usage of the top elements. For usage with subs please load the corresponding EQ labelled cut.

In the second tab it is possible to change between the different array length compensation EQs. A higher number represents a longer array.



# Usage in Lake Controller

## Insert the presets in your local module path of Lake Controller

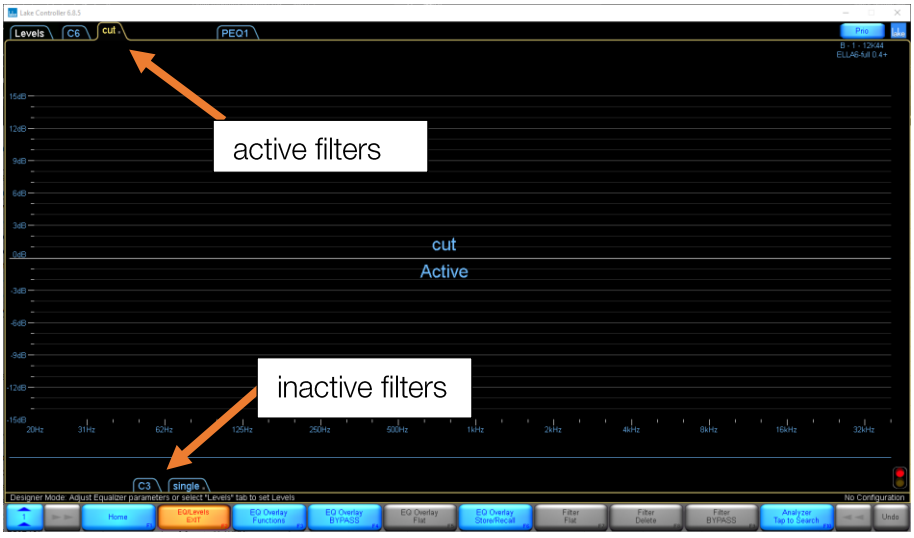
Copy the new presets in

C:\Users\%USER%\Documents\Lake\LakeController_%version%\Modules and EQ Overlays

## Change between different preset applications with overlay EQs

Presets labelled full are for standalone usage of the top elements. For usage with subs please load the corresponding preset labelled cut.

Furthermore, the modules contain an additional *cut* overlay with preconfigured filters. Un-/bypass *cut* overlay for usage with/without subwoofers.




To change between the compensation EQs for the array length activate the overlay filter corresponding to your application. Make sure that just one compensation EQ is activated!

