Notes on the use of the EAW NT206L Flown Array Assembly (rev0)

Revit Family

A black and grey object

Description automatically generated with medium confidence

1. Overview
   1. The Family includes a user definable array of the NT206L line array. It includes nested families for the NT206L and the associated flyware. All data from the product data sheets is included in the nested Families and is available for use in Schedules in your project. There are two Family Types in the Family; **NT206L 115V**, and **NT206L 230V**. The text file in the zip file is the Family Type Library text and must be saved in the same folder as the family in order for the Library function to work properly.
   2. Note that this “Assembly” family will be found under the “Communication Devices” group in the Families Project Browser while the individual nested Families will be listed under “Generic Models” group. This was done to minimize confusion when inserting the family into a project and ensure the complete assembly is used rather than the individual nested elements. The use may change this if desired.
   3. **The user is strongly advised to configure the array in EAW Resolution software** for desired coverage of the area in question and to confirm that the total array is structurally acceptable and the appropriate hardware is selected. The user then defines how many loudspeakers are need for each instance and the splays for each enclosure in the family and the array automatically adjusts. The user may select from 0-18 NT206L loudspeakers.
2. Configuring an Array
   1. After configuring the array in Resolution Software, create the PDF from the File menu in Resolution to see the splay angles for the array (Note: *The NT206L was not available in Resolution software at the time of this document. The example below shows the NTL720 for illustration only*):
   2. A graph with numbers and lines

      Description automatically generated with medium confidencePlace the family in a project in the X, Y, and pick height location and azimuth indicated by Resolution software.
   3. Select the array to see the array Properties and ensure the array is placed at the correct Level in the project:

A screenshot of a computer

Description automatically generated



* 1. The elevation of the array can be adjusted using the Elevation from Level parameter. This is the elevation from the floor to the bottom of the flybar:

A screenshot of a computer

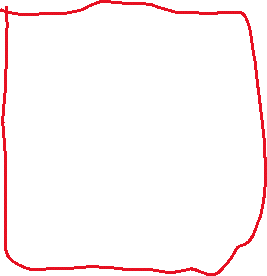
Description automatically generated



* 1. Select the total number of full range enclosures in the array as designed in Resolution. Set the splay angles for each enclosure as shown in Resolution as positive values. Set the flybar angle in positive or negative values as shown in Resolution.

A blue object with a blue background

Description automatically generated with medium confidence



* 1. Front and Rear Shackles can be positioned as needed, the Stinger Position B switch moves the stinger forward.

A blue plastic object with a white background

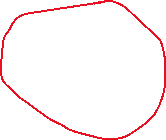
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1. The Add Pullback Accy parameter will add the additional flybar configured for pullback function and add the Pullback bracket to the array. This will also add the Pullback Bar to any schedules you have created in Revit.

A blue and black computer graphics

Description automatically generated with medium confidence



1. Congratulations! You’re array is now complete!