

AGCD Adapter Grid

The AGCD Adapter Grid allows for the flexibility of integrating an X-Line Compact Array with an X-Line Very Compact Array. The rigging attachment positions on the adapter grid and enclosures allow for the the combination array to be splayed or tilted to obtain the desired sound coverage. The adapter grid allows for 2 options -

1. Flying X-Line Very Compact Arrays below X-Line Compact enclosures, using the XLC Grid.
2. Stack X-Line Very Compact Arrays above X-Line Compact enclosures, using the XGS-3 Groundstack.



When using the Adapter Grid never exceed the rigging rating of any of the systems used with it or below it. These ratings account for stresses resulting from the load angles encountered in curved arrays. These ratings are the limiting factors. Consult the XLC and XLVC Rigging manuals, and/or the rigging label on the XLC or XLVC systems for the ratings when used in curved arrays. The Adapter Grid has been designed to exceed the structural ratings for the XLC and XLVC loudspeaker systems, so if the structural ratings are not exceeded for loudspeaker system within the column, the structural rating for the Adapter Grid will not be exceeded.

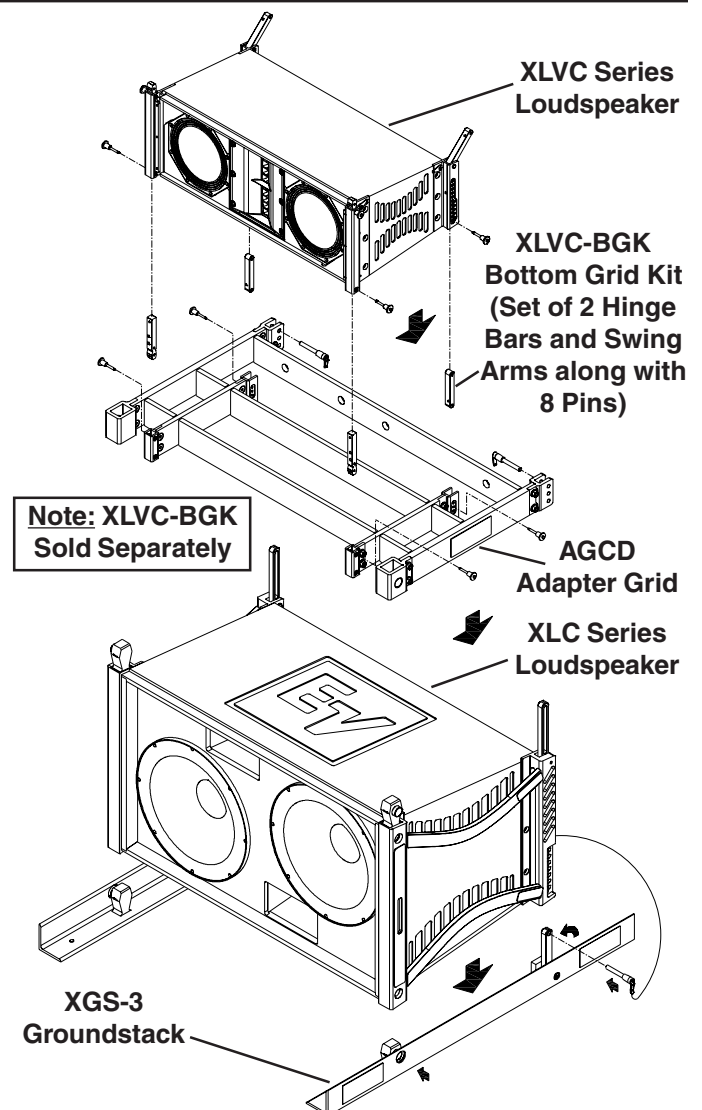
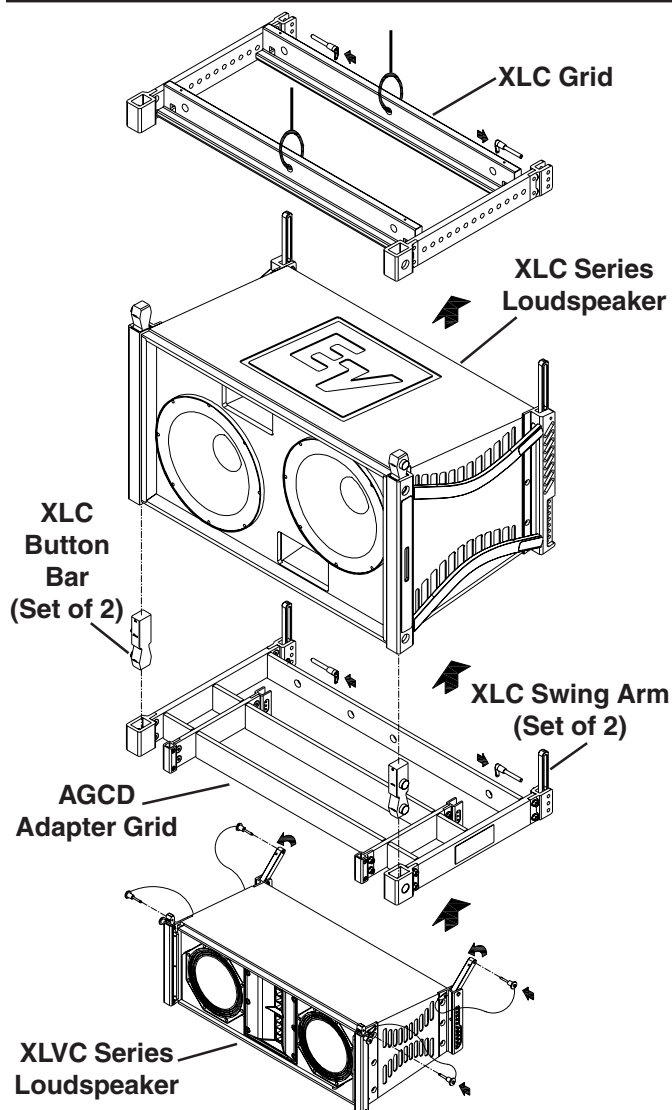


Figure 1: Using the AGCD for Flying Arrays

Figure 2: Using the AGCD for Groundstacking



These configurations are showing the maximum number of enclosures allowed, based on the measured maximum working loads of the rigging systems. They also show the proper balance for safety and acoustical performance. Other configurations are allowed at customer's discretion without exceeding the maximum loads and angles of the systems in use. For all configurations approaching these maximums, and all configurations used outdoors, use the following -

For Flying Configurations - In outdoor venues when wind is present, to prevent the system from shifting or twisting with the wind, use a secondary rigging or anchoring point to pullback or lockdown the array. Please use a second XLD GRID and an XLVC-BGK bottom grid kit and follow instructions found on XLVC-BGK.

For Groundstack Configurations - In outdoor venues when wind is present, to prevent the system from shifting or twisting with the wind, use the lag bolt holes in the base of the L-extrusions to secure the groundstack base to the mating surface.

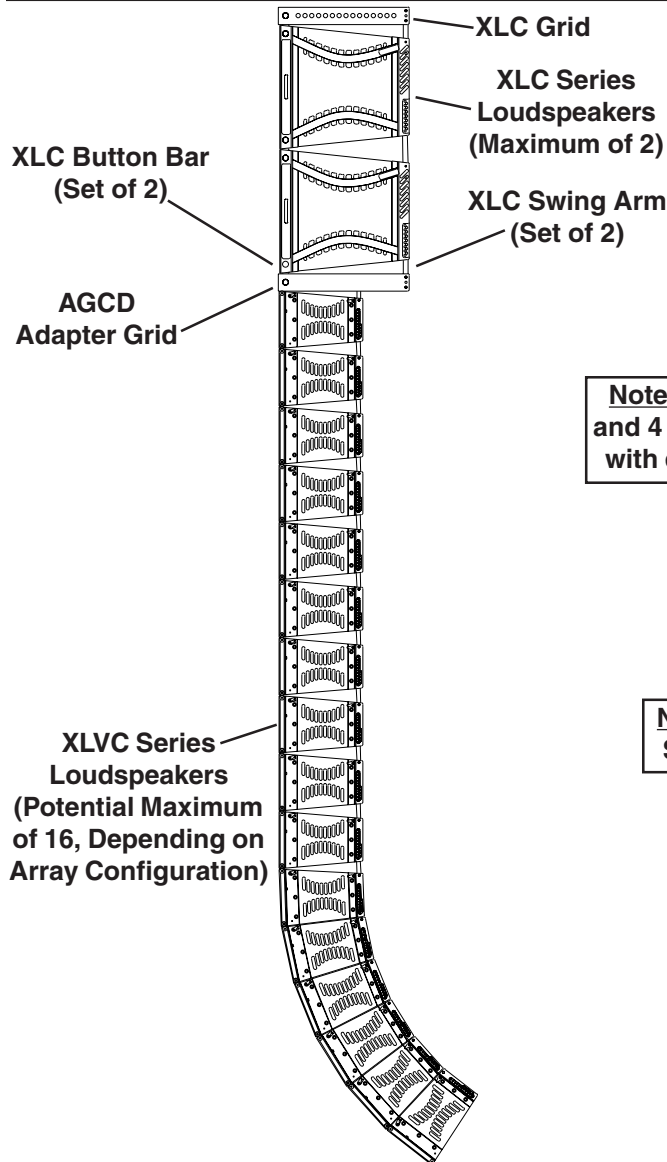


Figure 3: Sample Flying Array Using the AGCD Adapter Grid

Note: Figures 3 and 4 not to scale with each other.

Note: XLVC-BGK Sold Separately

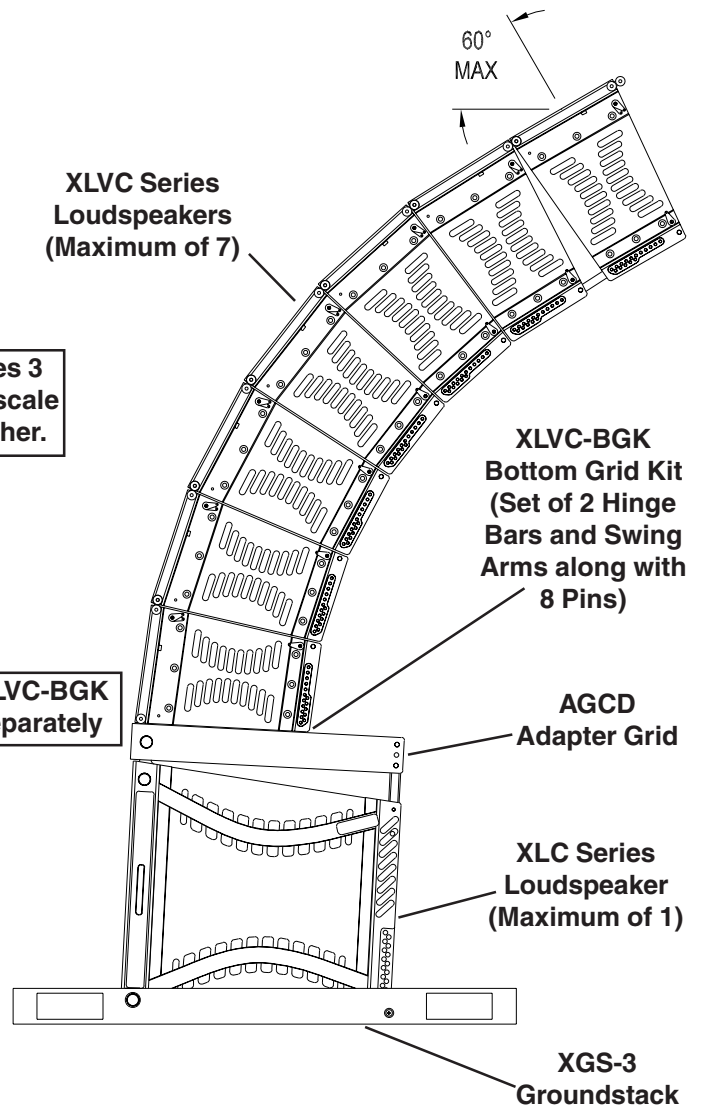


Figure 4: Sample Groundstack Array Using AGCD Adapter Grid



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