CODA Audio ViFORCE



CODA Audio brings real improvements to cardioid array performance with the launch of WIDE BAND Cardioid and the launch of ViFORCE. WIDE BAND Cardioid is a paradigm shift in pattern control and sonic integrity brought about through a period of intensive R&D at CODA Audio. This unique, Patent Pending technology comes to market first in ViFORCE and its slimline partner subwoofer, the SUB FORCE 35. CODA array system elements have been used in cardioid configurations since the launch of ViRAY in 2012. The introduction of ViFORCE and SUB FORCE 35 brings new levels of cardioid control, combined with exceptional linear phase response, to a single box cardioid system.

Conventional one box cardioid systems often suffer from limited low frequency extension, cancellation over a narrow bandwidth, poor phase response, and reduction of cancellation at full SPL. WIDE BAND Cardioid overcomes these issues without compromising the audience experience, in a system which can be deployed anywhere from a 500-capacity theatre to a 10,000-capacity arena.

This unique pattern control technology can be used in two modes – Maximum SPL, or Maximum rejection. In Maximum SPL mode, a slightly reduced level of cancellation to the rear gives maximum energy to the audience – ideal where arrays are flown further off stage or for DJ gigs. In Maximum Rejection, up to 90% of the SPL at the rear of the array is cancelled out, ideal for shows with orchestras, choirs, or when multiple open microphones are in use.

ViFORCE is a 4-way, bi-amplifed line array element, featuring 2 x 8” LF drivers, 2 x side-mounted 6.5” drivers, and CODA’s DDP Mid & High frequency driver. It includes

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all CODA Audio’s patented technologies, including Dynamic Airflow Cooling (DAC) technology for the elimination of power compression, InstaFit couplers for easy alteration between 90°, 120°, or 105° asymmetric horizontal dispersion, and CODA’s exceptionally easy rigging.



SUB FORCE 35 benefits from the same technologies. It is a slimline 3 x 15” cardioid subwoofer with level and frequency response equivalent to a standard 2 x 18”. The implementation of WIDE BAND Cardioid in the sub is such that it can be placed directly against a wall with no need to mute the rear driver – it contributes to the output of the whole system through side-mounted ports, maintaining its full output capability.

The new products will be launched on the first day of this year’s ISE show in Barcelona where visitors will be able to talk through its advantages with CODA Audio staff at Booth 7A100 and attend demonstrations in Demo Room D8.

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