The VIDA M series consists of four specialized loudspeakers for acoustically demanding installations.

The design consists of large number of drivers and DSP channels in a 2-way coaxial layout, to provide a high level of vertical and horizontal pattern control.

The axisymmetric chassis arrangement maximizes gain before feedback.

The dispersion characteristics in the vertical axis can be adjusted in real time using the K&F VIDA App. The opening angle can be changed in 0.1° steps from 0° - 90°, and the steering angle can be selected in the range from -45° to +45°.

Due to the high directivity, these loudspeakers can also be used for sound reinforcement applications with a considerable range.

Each loudspeaker of the VIDA series offers the possibility to generate two separately controllable sound beams (split beam) from one speaker. An effective side lobe reduction can be switched on or off at the push of a button, depending on the application.

With the asymmetrical VIDA M variants, the speaker can be mounted in two different orientations. This allows a better adaptation to the acoustic requirements, as the acoustic centre is located at different heights. The S-versions with the symmetrical acoustic centre are also suitable for horizontal applications as centre loudspeakers.

All relevant drivers in the various VIDA M models are controlled via their own DSP and amplifier channel. In addition to the acoustic advantages and the artefact-free beam steering capability up to 10 kHz, this ensures maximum performance with very high operational reliability, as each chassis has its own limiter.

The VIDA M series offers all common input interfaces such as Dante™ (prim/sec), AES67, AES3 and analog inputs. A fallback circuit allows the assignment of a second input as backup for the primary signal. The analog input has a pilot tone monitoring for this purpose.

Control is conveniently via the network and, if required, can be done without any configuration by means of auto-addressing.

Various GPIO ports are available for integration into media control systems or alarm systems, enabling flexible integration into existing or new systems. On the output side, the VIDA M series offers an additional aux-out, which can be used to expand the system with self-powered subwoofers, for example.

By the use of particularly resistant aluminum housings and other corrosion-resistant materials, as well as additional seals, waterproof screw connections and impregnated membranes, the VIDA M models are protected against weathering and meet the IP65 protection class according to DIN EN 60529.

Further information and data like specifications, manuals, technical drawings as DWG, DXF and PDF files as well as data files for acoustic simulations with Ease and Ulysses are available on our web site www.kling-freitag.com