ELECTRONICS

D MOD









The 4-channel loudspeaker controller module with digital signal processing for amplifiers of the KS AUDIO series CA 4D and TA 4D. A unique convincing solution for perfect sound and easiest handling. The KS **D MOD** controller module complements the F MOD modules for applications where no quick change of the loudspeaker systems is required - i.e. especially in the installation area.

The one-time configuration of the loudspeaker system is done on the module by a USB stick transmitting the data while the system is switched on. During that process, both the signal inputs and the power outputs automatically receive the correct function:

- from four individual channels
- via two channels in Bi-Amp
- or high-power bridge mode
- to a single-channel 3-way active loudspeaker system with woofer-bridge mode output, and optionally "BI-Amp" control.
- A SAT mode is also available in which the L+R signal is summed up to mono sub-low.

In addition to digital signal processing with FIR filter technology, the special feature of the **D MOD** is its complete operability and controllability via standard networks. An integrated gigabit switch allows daisy-chaining to the next device. The KS REMOTE PC software enables easy management and graphically, easy to understand, operation of an unlimited number of controller amplifiers arranged in groups.

All inputs can be controlled either digitally or analogously. Simultaneous digital and analog operation is also possible. A network-audio transmission using DANTE™ protocol is available as an option.

Despite the many new possibilities and state-of-the-art technology, the **D MOD** can replace an existing analog or digital controller by simple front-panel installation. This puts your public address system back on the cutting edge of technology.



4 channel digital sound processor



FIR and IIR filters



Channel independent processor



Easy program change via USB



Remote control



Four analogue and digital inputs



DANTE™ network input (optional)





D MOD

SPECIFICATIONS

Frequency response

10 - 22.000Hz - without processing

Sample rates

30 - 192 kHz

Signal processing

Four separate independant DSPs

Speaker equalization

IIR and FIR filters

User interface

PC-Remote, webserver

Analog inputs

4x 20dBv balanced

AD / DA conversion

27 bit sigma delta, 64x oversampling

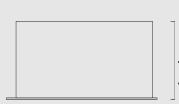
Digital inputs

Two AES/EBU - 8x DANTE™ (optional)

Operating modes

- · 4-channel full-range
- · 2-channel bi-amp
- 1-channel Tri-amp woofer bridge mode
- · 2-channel woofer bridge mode
- SAT L/R + mono woofer





0.6kg | 1.32lb



