

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) ✓

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	<ul style="list-style-type: none"> • 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

