

## AMPLIFIERS

### d&b audiotechnik D6 STEREO AMPLIFIER



The D6 amplifier is a two channel power amplifier and controller unit. It is designed for use with all current d&b loudspeakers except 2-Way Active and B2-SUB systems. A linear mode is available allowing the D6 to be used as a linear power amplifier. The mains voltage and frequency are recorded by the power supply and can be viewed on the LCD display. Where voltages outside of this range are present, a self-resetting protective circuit responds quickly to isolate the internal amplifier power supply leaving only a supervisory circuit to monitor the mains voltage. The digital signal processing provides loudspeaker specific setups that are selected using the front panel controls. These setups include all loudspeaker specific equalization and protection functions. The basic latency of the D6 is 0.3 ms (analog input including AD/DA conversion). The REMOTE interface (2 x RJ 45) can be used with the d&b Remote network (CAN-Bus) to integrate the D6 into a control and monitoring system.



#### Features:

- Universal voltage, switch mode power supply with active power factor correction (PFC)
- Two channel Class D power amplifier
- Very Reliable
- Digital signal processors (DSP)
- Comprehensive protection circuits
- Integrated System Design

#### Applications:

- Theatre
- Conference
- Cinema
- Rock n Roll
- Live Event
- Theme Parks
- Houses of Worship
- Leisure Facilities
- Voice Evacuation
- Stadiums



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