

KONTROL 808 DAN

8 X 8 DSP Matrix with USB
audio & DANTE



FEATURES

- **2 X 2 USB audio for easy integration with MS Teams, ZOOM or skype**
- **8 channels analogue input / 8 channels analogue output**
- **4X4 DANTE**
- **Auto Echo Cancellation (AEC) and Auto Noise suppression (ANS)**
- **Full fledged matrix functionality**
- **Camera control for most of the camera protocols**
- **10 PEQ on all inputs and 10 PEQ on all outputs**
- **Wall control panel integration via RS485**

The Alpha Acoustics® KONTROL 808 is a full fledged matrix DSP with enormous capabilities. The processor has built in echo cancellation and noise suppression, gain control and automatic mixing capabilities. The software enables quick selection and control of functions and also can be controlled from a tablet. The optional KONTROL KNOB can be used to access and control DSP parameters remotely.

KONTROL 808DAN SPECIFICATIONS

Processor	32 bit fixed/ 40 bit floating-point DSP 450 MHz
Number of I/O	8 In / 8 out (analogue) , 2 in / 2 out (USB), 4 in / 4 out (DANTE)
Sample Rate	48 kHz / 24 bit
System delay	< 3ms
Max Input level	12 dBu/Line, -7dBu/Mic, 20dB gain
Cross talk	<100 dB
Phantom power	+48VDC, 6.5mA, for each channel
Output impedance	50Ω
Frequency response	20Hz-20kHz(+/-0.5dB)/Line
THD + Noise	-90dB(@17dBu,1kHz,A-wt)/Line, -86dB(@-6dBu,1kHz,A-wt)/Mic 0.003% @(17dBu,1kHz,A-wt)/Line, 0.005% @(-6dBu,1kHz,A-wt)/Mic
SNR	110dB(@17dBu,1kHz,A-wt)/Line 100dB(@-7dBu,1kHz,A-wt)/Mic
Ports	USB Type Micro-B, RS 232, RJ45 (TCP/IP)
GPIO Control Interface	8 logic inputs/outputs and 7 voltage input controls
Power supply	100 - 240 V AC , 50 Hz / 60 Hz
Dimensions	483mm x 265mm x 44mm
Operating temperature	-20°C~80°C
Net weight	3.5 Kg

APPLICATIONS

Conference rooms / Shopping malls / Office buildings / Restaurants

**Specifications subject to change without notice. 01/2023*

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