

# AUDIO KONTROL 1

## TECHNICAL SPECIFICATIONS

### AUDIO INPUTS (A/D)

Channels: 2  
Sample Rate: 44.1, 48, 96, 192 kHz  
Bit Resolution: 16 Bit, 24 Bit  
Converters: Cirrus Logic

### LINE INPUTS

Input Impedance: 44 kOhms balanced  
Full Scale Level at Maximum Gain: +2 dBu  
Maximum Input Level: +16 dBu  
SNR (A-weighted): 100 dB  
THD+N: 0.006%  
Frequency Response: 20 - 20,000 Hz (+0 / -0.5 dB)

### MIC INPUT

Input Impedance: 4.8 kOhms balanced  
Full Scale Level at Maximum Gain: -40 dBu  
Maximum Input Level: +10 dBu  
SNR (A-weighted): 100 dB  
Equivalent Input Noise: -128 dBu (weighted)  
THD+N: 0.007%  
Frequency Response: 20 - 20,000 Hz (+0 / -0.5 dB)

### INSTRUMENT INPUT

Input Impedance: 1 MOhms unbalanced  
Full Scale Level at Maximum Gain: -4 dBu  
Maximum Input Level: +10 dBu  
SNR (A-weighted): 100 dB  
THD+N: 0.006%  
Frequency Response: 20 - 20,000 Hz (+0 / -0.5 dB)

### AUDIO OUTPUTS (D/A)

Channels: 4  
Sample Rate: 44.1, 48, 96, 192 kHz  
Bit Resolution: 16 Bit, 24 Bit  
Converters: Cirrus Logic

### LINE OUTPUTS

Output Impedance: 100 Ohms unbalanced, 200 Ohms balanced  
Maximum Output Level: +13 dBu  
SNR (A-weighted): 103 dB  
THD+N: 0.005%  
Frequency Response: 20 - 20,000 Hz (+0 / -0.5 dB)

### HEADPHONE OUTPUTS

Load Impedance: 8 ... 600 Ohms  
Maximum Output Level: 4.26 V rms, 100 mW @ 100 Ohms  
SNR (A-weighted): 102.5 dB  
THD+N (60 Ohms): 0.006%  
Frequency Response: 20 - 20,000 Hz

### OTHER INTERFACES

Interface to Computer: USB 2.0, Bus-Powered  
MIDI: 1 Input, 1 Output

### CONTROL ELEMENTS

Endless Knobs: 1  
Buttons: 3

### DIMENSIONS

Height: 52 mm  
Width: 150 mm