



C O N D I T I O N E R 1 6 0 0 0 D

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# AV CONDITIONER 16000D

8 or 16 channel conditioner



# introduction

**AVC 16000D** is an excellent solution for both educational and laboratory purposes. Ruggedized housing, keyboard and big legible display enable for a quick and easy configuration of the system. There is available version with 8 or 16 channels. Inputs can be prepared as screw terminal (industrial version) or BNC (laboratory version). The signal conditioner is adapted to external control via RS232 interface.

## TECHNICAL DATA

PARAMETERS	DESCRIPTION
<b>Number of channels (in/out)</b>	16/16 lub 8/8
<b>Input type</b>	IEPE 4,7 mA/24V
<b>Signaling</b>	Filer on/off, Open/short, Overload
<b>Input impedance</b>	100 k $\Omega$
<b>Output impedance</b>	120 $\Omega$
<b>Gain</b>	x1, x10, x100 (0dB, 20dB, 40dB)
<b>SNR</b>	> 90 dB (10 Hz – 22 kHz)
<b>Distortions</b>	< 0,1%
<b>Gain error</b>	< 0,5 %
<b>Gain drift</b>	< 50 ppm/°C
<b>Output voltage range</b>	20 Vpp
<b>Offset error</b>	< 10 mV
<b>Filters</b>	12dB/oct, individually selectable on/off
<b>Low pass filter</b>	1 KHz or custom
<b>High pass filter</b>	10 Hz or custom
<b>Frequency range</b>	0,5 Hz to 100 kHz (optional 0,5 Hz to 300kHz)
<b>Communication interface</b>	RS232, 3,5 jack
<b>Power supply</b>	12V / 1,5 A DC
<b>Dimensions</b>	160mm x 150mm x 90mm
<b>Weight</b>	850 g
<b>Operational temperature</b>	0°C ... + 50°C
<b>Storage temperature</b>	-10°C ... +60°C

# contact us

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## WOULD YOU LIKE TO SEE HOW IT WORKS?

We offer a **free demonstration of the product!** Schedule it now and don't forget to ask about our **free of charge technical support service!**

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