

The DP-K1 is a 3U rack mountable Digital Audio Processor. It features an Automatic Resonance Control function that automatically generates an optimum filter curve to improve sound clarity after measuring the acoustic characteristics in architectural space.

It permits flexible configuration of inputs and outputs, from 2-IN/4-OUT to 8-IN/8-OUT using the optional modules. Each function is set by a PC using the dedicated software. The settings can be stored in the unit's internal memory and the stored preset memories can be recalled from the unit without connecting the PC.

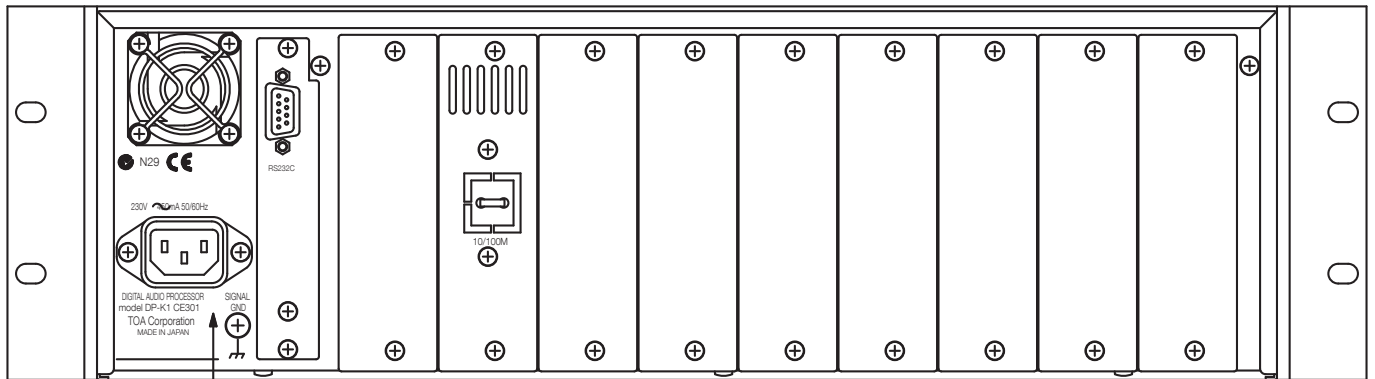


Order no: DP-K1 CE

Specifications

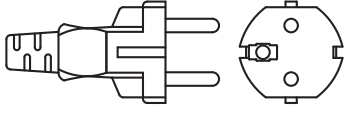
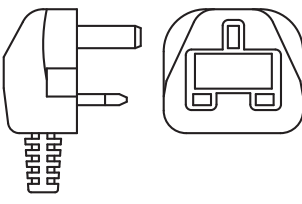
Power source	230 V AC, 50 / 60 Hz
Frequency response	20 Hz - 20 kHz (± 1 dB (+4 dB Input))
Power consumption	40 W
Inputs	Up to 8 channels, modular construction (modules optional)
Outputs	Up to 8 channels, modular construction (modules optional)
Controls	Preset memory recall knob, input signal indicator: green LED, output signal indicator: green LED
Presets	8
Equalizer / Filter	<p>Parametric equalizer: 20 Hz – 20 kHz, ± 12 dB, Q: 0,267 - 69,249</p> <p>Filter: (total amount of filters depends on the number of input and output channels)</p> <p>High pass filter: 20 Hz – 20 kHz, 6 dB/Oct., 12 dB/Oct</p> <p>Low pass filter: 20 Hz – 20 kHz, 6 dB/Oct., 12 dB/Oct</p> <p>Notch filter: 20 Hz – 20 kHz, Q: 8,651 - 69,249</p> <p>All pass filter: 20 Hz – 20 kHz, Q: 0,267 - 69,249</p> <p>High shelving filter: 6 – 20 kHz, ± 12 dB</p> <p>Low shelving filter: 20 – 500 Hz, ± 12 dB</p> <p>Horn-Equalizer: 20 kHz, 0 to +18 dB (0.5 dB steps)</p> <p>Crossover filter: 20 Hz – 20 kHz, 6 dB/Oct, 12 dB/Oct, 18 dB/Oct, 24 dB/Oct (LR, BW, BE)</p>
Compressor	<p>Compressor mode threshold: -16 to +24 dB (1 dB steps)</p> <p>Compression ratio: 1:1, 2:1, 3:1, 4:1, 8:1, 12:1, 20:1, ∞:1</p> <p>Attack time: 0,02 ms ... 100 ms, release time: 10 ms - 5 s</p>
Delay	Delay time: 0 ... 682,6 ms (0,021 ms steps)
Matrix	Matrix 8 x 8, Level control: $-\infty$ to 0 dB (1 dB steps)
PC software	<p>OS: Windows 2000/XP/Vista (32-bit edition), Windows 7 (32/64 bit edition)</p> <p>Control via: LAN (Ethernet) 10/100 BASE-TX, auto negotiation, RJ45 connector</p>
Weight	7,4 kg
Dimensions (W x H x D)	482 x 132,6 x 320 mm
Dimensions (ϕ x D)	x 320 mm
Gross weight	9,2 kg
Finish	Aluminium, hairline, black
Operating temperature	+5 °C to +40 °C

Appearance



Other product version CE-GB is available depending on the power cord type.

Rear View

MODEL	CE301	CE-GB
AC plug		
C-tick	applicable	-