

Model:**PDG 16 V1.0****PDG 16 V1.0 - Performance features:**

- 16 input channels include: 8 microphone inputs, 6 stereo inputs and 2 hybrid stereo inputs (including 3.5 analog stereo, stereo Bluetooth, USB / OTG sound card, USB flash disk playback).
- 4 SUB group output channels, 3 AUX auxiliary outputs, 1 FX effects ending, 1 stereo main output, 1 stereo monitor / headphone output and 2 stereo digital outputs (USB / OTG sound card, USB flash disk recording).
- The microphone input channel has independent gain control, low cut, phantom power, PEQ equalization, compressor, feedback inhibition, left and right balance adjustment, AUX sending, FX effect sending, SUB group and main output L/R sending switches.

PDG 16 V1.0 - Specifications

Recording interface:	Dual-track USB sound card recording and playback. Dual-track USB flash disk audio playback and storage
Input gain:	Microphone/line gain: 0dB + 50.0dB; line gain: -80dB to + 10dB
Input and output impedance:	Microphone input: 2K Ω , line input: 5K Ω ; output: 100 Ω
System:	32-bit SHARC DSP chip processing, 48kHz sampling rate, 24-bit AD/DA conversion
Frequency response:	20Hz - 20kHz: +/-0.5
Total harmonic distortion plus noise:	- 20dBFS @ 1kHz: <0.01 %
Noise:	Noise level (20/20k bandpass): -85dBFS
Input and output level:	Maximum input and output 20dBu
Dynamic range:	>-105dB
Crosstalk:	Inter-channel isolation (1k): -83dBu
Phase difference:	Inter-channel phase difference (+4dB 1k): <0.5°
Delay:	<3ms
USB:	Maximum current: 500mA
Screen:	7-inch HD 800 x 480 display screen
Phantom power:	+48V software control management
Power supply:	AC input voltage range; 100-240V, AC automatic induction, AC frequency; 50-60Hz

Model:**PDG 16****PDG 16 - Performance features:**

- 16 input channels include: 10 microphone inputs, 6 stereo inputs and 2 hybrid stereo inputs (including 3.5 analog stereo, stereo Bluetooth, USB / OTG sound card, USB flash disk playback).
- 4 SUB group output channels, 3 AUX auxiliary outputs, 1 FX effects ending, 1 stereo main output, 1 stereo monitor / headphone output and 2 stereo digital outputs (USB / OTG sound card, USB flash disk recording).
- The microphone input channel has independent gain control, low cut, phantom power, PEQ equalization, compressor, feedback inhibition, left and right balance adjustment, AUX sending, FX effect sending, SUB group and main output L/R sending switches.

PDG 16 - Specifications

Recording interface:	Dual-track USB sound card recording and playback. Dual-track USB flash disk audio playback and storage
Input gain:	Microphone/line gain: 0dB + 50.0dB; line gain: -80dB to + 10dB
Input and output impedance:	Microphone input: 2K Ω , line input: 5K Ω ; output: 100 Ω
System:	32-bit SHARC DSP chip processing, 48kHz sampling rate, 24-bit AD/DA conversion
Frequency response:	20Hz - 20kHz: +/-0.5
Total harmonic distortion plus noise:	- 20dBFS @ 1kHz: <0.01 %
Noise:	Noise level (20/20k bandpass): -85dBFS
Input and output level:	Maximum input and output 20dBu
Dynamic range:	>-105dB
Crosstalk:	Inter-channel isolation (1k): -83dBu
Phase difference:	Inter-channel phase difference (+4dB 1k): <0.5°
Delay:	<3ms
USB:	Maximum current: 500mA
Screen:	7-inch HD 800 x 480 display screen
Phantom power:	+48V software control management
Power supply:	AC input voltage range; 100-240V, AC automatic induction, AC frequency; 50-60Hz

Model:**PDG 20****PDG 20 - Performance features:**

- 20 input channels include: 12 microphone inputs, 6 stereo inputs 2 hybrid stereo inputs (including RCA input, 3.5mm headphone jack input, stereo Bluetooth, USB / OTG sound card, U disk playback).
- 2 SUB group output channels, 4 AUX auxiliary output, 1 FX effect transmission, 1 stereo main output, 1 stereo monitor / headphone output, 2 stereo digital outputs (USB / OTG sound card, U disk recording).
- Internal 14-bus design, with 2 independent programmable DCA channels.

PDG 20 - Specifications

Recording interface:	Dual-track USB sound card recording and playback. Dual-track USB flash disk audio playback and storage
Input gain:	Microphone/line gain: 0dB + 50.0dB; line gain: -80dB to + 10dB
Input and output impedance:	Microphone input: 2K Ω , line input: 10K Ω ; output: 100 Ω
System:	32-bit SHARC DSP chip processing, 96kHz sampling rate, 24-bit AD/DA conversion
Frequency response:	20Hz - 20kHz: +/-0.5
Total harmonic distortion plus noise:	- 20dBFS @ 1kHz: <0.01 %
Noise:	Noise level (20/20k bandpass): -85dBFS
Input and output level:	Maximum input and output 20dBu
Dynamic range:	>-105dB
Crosstalk:	Inter-channel isolation (1k): -83dBu
Phase difference:	Inter-channel phase difference (+4dB 1k): <0.5°
Delay:	<3ms
USB:	Maximum current: 500mA
Screen:	9-inch HD IPS 1024 x 800 display
Phantom power:	+48V software control management
Power supply:	AC input voltage range; 100-240V, AC automatic induction, AC frequency; 50-60Hz

Model:**PDG 24****PDG 24 - Performance features:**

- 24 input channels include: 16 microphone inputs, 4 stereo inputs and 4 hybrid stereo inputs (including RCA input, 3.5mm headphone jack input, stereo Bluetooth, USB / OTG sound card, USB flash disk playback).
- 4 SUB group output channels, 4 AUX auxiliary output, 1 stereo main output, 1 stereo monitor / headphone output and 2 stereo digital outputs (USB / OTG sound card, USB flash disk recording).
- Internal 14-bus design, with 4 independent programmable DCA channels.

PDG 24 - Specifications

Recording interface:	Dual-track USB sound card recording and playback. Dual-track USB flash disk audio playback and storage
Input gain:	Microphone/line gain: 0dB + 50.0dB; line gain: -80dB to + 10dB
Input and output impedance:	Microphone input: 2K Ω , line input: 10K Ω ; output: 100 Ω
System:	32-bit SHARC DSP chip processing, 96kHz sampling rate, 24-bit AD/DA conversion
Frequency response:	20Hz - 20kHz: +/-0.5
Total harmonic distortion plus noise:	- 20dBFS @ 1kHz: <0.01 %
Noise:	Noise level (20/20k bandpass): -85dBFS
Input and output level:	Maximum input and output 20dBu
Dynamic range:	>-105dB
Crosstalk:	Inter-channel isolation (1k): -83dBu
Phase difference:	Inter-channel phase difference (+4dB 1k): <0.5°
Delay:	<3ms
USB:	Maximum current: 500mA
Screen:	9-inch HD IPS 1024 x 600 display
Phantom power:	+48V software control management
Power supply:	AC input voltage range; 100-240V, AC automatic induction, AC frequency; 50-60Hz