

POWERPOD K12 1000W 8 Mic/Line 2 Stereo GEQ DFX Powered Mixer

- 2 x 500 Watt / 4Ω power amplifier, bridgeable and patchable
- Dual effect processors, each with 16 effects plus parameter control
- 8 Mic/Line input channels and 2 stereo Line input channels
- Stereo 7-band graphic EQ



FEATURES

- ▶ 500W + 500W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ 8 Mic/Line input channels with 3-band swept mid-range EQ and inserts
- ▶ 2 stereo Line input channels with 3-band EQ
- ▶ 2 stereo returns, each can be routed to AUX 1 & 2 sends (effect to monitor)
- ▶ Stereo 7-band graphic EQ
- ▶ Dual 32/40-bit digital effect processors, each with 16 effects plus parameter control
- ▶ Foot switch allows user to on/mute effect processor
- ▶ 2 AUX sends, 2 EFX sends
- ▶ Global +48V phantom power for mic inputs
- ▶ Mono output with variable low pass filter from 60 Hz up to 160 Hz
- ▶ PFL on each input and AFL on each output
- ▶ Stand-by switch for playing music between sets
- ▶ Zone 2 output for side fill or another PA system
- ▶ Headphone output
- ▶ One professional speaker connector and two 1/4" phone jacks per channel for speaker connection
- ▶ Molded protective cover to avoid scratch surface
- ▶ Rugged metal main chassis with integrated handle
- ▶ Optional rack mounting kit, model name ER-K12

The Phonic Powerpod K-12 Powered Mixer features a grand total of 12 input channels – each featuring 3-band, mid-adjustable EQ, gain control, and more – as well as a built-in power amplifier outputting up to a staggering 1000 Watts (2 x 500 Watts) of sheer power, switchable between 200 or 600 Watts, depending on your needs. Encompassing 2 built-in digital effect processors, each featuring 16 mind-blowing effects, the K-12 also features a light-weight construction, with the switch from traditional, heavier Transformers. Moreover, it features a protective cover – protecting the surface from damage, dust and normal wear and tear sustained during transit. Perfect for use in clubs, houses of worship, function halls, bars, and other settings requiring a moderately sized, highly portable powered mixer.

Specifications

POWER AMP, output power in watts @ THD<0.5%, 1KHz	
Number of Power channels	2
Limiter	2
8 ohms per channer	330
4 ohms per channel	500
8 ohms Bridge Mono	1000
Power amp Select Switch	500W+500W, 300W+300W, 100W+100W
Inputs	
Total Channels	10
Balanced Mono Mic/Line Channels	8 (XLR+1/4" combo jack)
Stereo Line Channels with mic preamp	2 (XLR & 2x1/4")
Stereo Aux returns	2
2T input	1 (1xmini stereo & 2xRCA jacks)
Outputs	
Main L/R Stereo	2 x 1/4" TS, Unbal.
Main Mono	1/4" TS, Unbal.
Aux Send & Effect Send	4 x 1/4" TS, Unbal.
Phones	1
Control RM or Zone 2 Output	2 x 1/4" TS, Unbal.
REC out	1xMini stereo, 2xRCA jacks
Speaker outputs	1 x speakon & 2 x 1/4" TS per channel
Channel Strips	
Aux Control	4
Pan/Balance control	Yes
Channel On/Mute	Yes
Channel Solo/PFL with metering	Yes
LED Indicators	On, Peak, Signal, PFL
Volume Controls	60mm faders
Insert	Yes
Master Section	
Aux Send Masters	2, 60mm fader
Effects Return to Monitor	4
Control Room Mode	ST, PFL/AFL
Faders	2 x Efx, Aux1, Aux2, Mono, Main L/R (60mm fader)
Metering	
Number of channels	2
Segments	13
Phantom Power Supply	+48VDC
Switch	Master +10
Effect Processor 1	16 effects with one main parameter control, foot switch
Effect Processor 2	16 effects with one main parameter control, foot switch

Built-in Graphic EQ	Stereo 7-band
Center Frequency	60, 120, 360, 1K, 2.5K, 7K, 16K
Range	+/-12dB
Noise: 20Hz to 20KHz bandwidth, IHF-A weighted, line inputs to main L/R outputs, all channels assigned, panned L/R	
Master output, all fader down	<-94dBu
Power amp output, all fader down	<-63dBu
THD	
Power output, 1KHz, 20Hz to 20KHz @250 watts, 4ohms<0.5%	
Any output, 1KHz@+14dBu, 20Hz a 20KHz, channels inputs	<0.3%
CMRR(1 KHz@-60dBu, Gain at maximum)	80dB
Crosstalk (1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)	
Channel fader down, other channels at unity	<-63dB
Channel muted, other channels at unity	<-64dB
Frequency Response (Mic input to output)	
20Hz~20KHz, line level o/p @ +4dBu into 600 ohms	+0/-2dB
20Hz~20KHz, power amp o/p 1 watt into 8 ohms	+0/-2dB
Maximum Level	
Mic Preamp Input	+10dBu
All Other Inputs	+22dBu
Unbalanced output	+22dBu
Impedance	
Mic in	5K ohms
Line in	50K ohms
All Other Input (except insert)	10K ohms
RCA 2T Output	600 ohms
All other outputs	150 ohms
Equalization	
Low EQ	80Hz
Mid EQ	100-8K Hz, sweepable
Second Mid EQ (St channel)	2.5 KHz
Hi EQ	12 KHz
Rumble filter	75Hz (-18dB/oct)
Low Cut Filter	Digital effect, mute: ON/OFF
Microphone Preamp E.I.N.	
150 ohms terminated, max gain	<-122dBm
Power Consumption (Average Maximum)	500 Watts
Power Requirement	Switchable between 115/230 VAC, 50/60Hz
Net Weight	14.5Kg (31.9 lbs)
Dimensions (WxHxD)	483 x 142.6 x 466.2 mm (19" x 5.6" x 18.4")

Back Panel



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Information in this document is subject to change without notice.

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