

POWERPOD 740 DELUXE

POWERPOD 740 DELUXE 440W 7-Channel Powered Mixer with DFX

Dual 7-band graphic EQ
16 high-definition digital effects
Mini stereo and stereo RCA I/O with trim control
for digital media

Rumble filters and phantom power supply
Switchable Mains power between 115VAC and
230VAC
Less weight achieved by switching power supply



FEATURES

- ▶ 220W + 220W / 4 ohms stereo power amplifier for Main L/R or Main/Monitor (Bridge mono, 440W / 8 ohms)
- ▶ 24-bit digital multi-effect processor with 16 programs plus foot switch jacks
- ▶ Seven balanced Mic inputs
- ▶ 10 Line inputs
- ▶ Two super Hi-Z inputs optimized for direct instrument input
- ▶ 3-band channel EQ
- ▶ Dual 7-band graphic equalizers with In/Out switches for Main L/R or Main/Monitor
- ▶ Rumble filters for Mic inputs
- ▶ Pad control on channels 1-4
- ▶ One AUX input
- ▶ Monitor and effect sends on each input channel
- ▶ Mini Stereo I/O for digital media
- ▶ +48V phantom power
- ▶ Two built-in limiters
- ▶ Rec out with trim control for record level matching
- ▶ Mains power switchable between 115 VAC and 230 VAC

The Phonic Powerpod Deluxe Series are powered mixers in a compact and durable molded cabinet. Each Powerpod Deluxe has a built-in stereo amplifier which is bridgeable and power can be directed to select outputs. Super Hi-Z inputs allow for the addition of guitars and other instruments. The mixers feature onboard DFX, our 24-bit digital effects processors with 16 preset programs. The 3-band EQ on every channel and dual multi-band graphic EQ with selectable In/Out switches give you maximum control over your mix. The added feature of Mini Stereo I/O make these mixers perfect for anyone connecting MP3, MD, computer audio or recording devices.

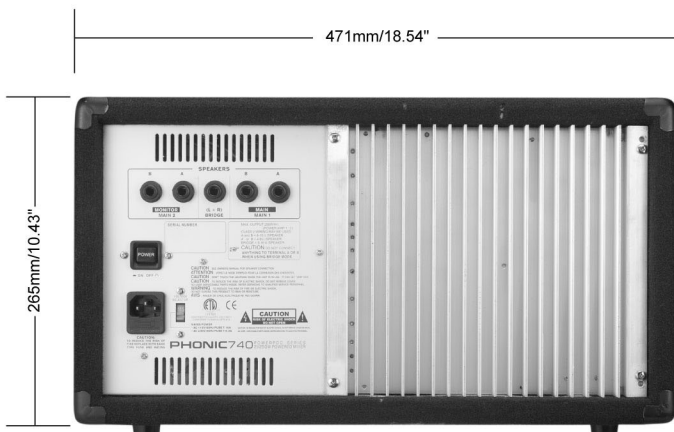
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Specifications

POWER AMP, output power in watts @THD<0.5%, 1KHz	
Number of Power Channels	2
Limiter	2
8 ohms per Channel	165
4 ohms per Channel	250
8 ohms Bridge Mono	500
Inputs	
Lo-Z / Hi-Z Channels	4, 2 with super Hi-Z (470K ohms)
Balanced Mic/ Line-Level Channels	3
2T Input	1x Mini Stereo & 2x RCA
Aux Returns	1 x 1/4" TS, Unbal.
Outputs	
Main Out	1x 1/4" TS, Unbal.
Monitor Out	1 x 1/4" TS, Unbal.
Efx Send	1 x 1/4" TS, Unbal.
REC Out	A Pair, RCA & Mini Stereo
Speaker Outputs	5 x 1/4" TS
Channel Strips	
Monitor / Effect Send Controls	2
Pan/Balance Control	N/A
Volume Controls	Rotary
Pad In/Out	CH 1-4
Master Section	
Aux Returns	1, Mono
Effects Return to Monitor	Yes
Faders	Moni, Main (Rotary)
Metering	
Number of Channels	2
Segments	5
Phantom Power Supply	+48V DC
Switches	Global
Digital Effect Processor	16 preset programs (24-bit)
Graphic EQ	2 x 7-band(assignable to main L/R)
Center Frequency	60, 120, 360, 1K, 2.5K, 7K, 16 KHz
Range	±12 dB
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	<-78 dBu
Power amp output, all fader down	<-63 dBu
THD	
Power output, 1KHz, 20Hz to 20KHz @125 watts, 4 ohms <0.5%	
Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs	<0.3%
CMRR (1 KHz @ -60dBu, Gain at maximum)	80 dB
Crosstalk (1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)	
Channel fader down, other channels at unity	<-63 dB
Channel muted, other channels at unity	<-64 dB
Frequency Response (Mic input to output)	
20Hz ~ 20KHz, line level o/p @ +4dBu into 600 ohms	+0/-2 dB
20Hz ~ 20KHz, power amp o/p 1 watt into 8 ohms	+0/-2 dB
Maximum Level	
Mic Preamp Input	+10 dBu
All Other Inputs	+22 dBu
Unbalanced Output	+22 dBu
Impedance	
Lo-Z Input (Mic in)	2.2K ohms
Hi-Z Input (Line in)	5K ohms
Super Hi-Z (Line in)	470K ohms
All Other Input (except insert)	>10K ohms
RCA 2T Output	1.2K ohms
All Other Outputs	560 ohms
Equalization	
	3-band, ±15 dB
Low EQ	80 Hz
Mid EQ	2.5 KHz
Hi EQ	12 KHz
Foot Switch	Digital effect mute: ON/OFF
Microphone Preamp E.I.N.	
150 ohms terminated, max gain	<-122 dBm
Power Consumption (Average Maximum)	250 Watts
Power Requirement (switching power supply)	Universal mains input, 90-260 VAC, 50/60 Hz



Back Panel



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Information in this document is
subject to change without notice.

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