

# POWERPOD 620

## Specifications

<b>POWER AMP, output power in watts @THD&lt;0.5%,1KHz</b>	
Number of Power Channels	2
Limiter	2
8 ohms per Channel	65
4 ohms per Channel	100
8 ohms Bridge Mono	200
<b>Inputs</b>	
Lo-Z / Hi-Z channels	4, 2 with super Hi-Z (470K ohms)
Balanced Mic/ Line-Level channels	2
2T input	2x RCA
Aux returns	1 x 1/4" TS, Unbal.
<b>Outputs</b>	
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
Speaker outputs	5 x 1/4" TS
<b>Channel Strips</b>	
Monitor / Effect send controls	2
Volume Controls	Rotary
Pad in/out	CH 1~4
<b>Master Section</b>	
Aux returns	1, Mono
Effects Return to Monitor	Yes
Faders	Moni, Main (Rotary)
<b>Metering</b>	
Number of Channels	2
Segments	5
<b>Phantom Power Supply</b>	
Switches	Global
<b>Digital Effect Processor</b>	8 preset programs (24-bit)
<b>Graphic EQ</b>	Stereo 7-band
Center Frequency	60, 120, 360, 1K, 2.5K, 7K, 16 KHz
Range	±12 dB
<b>Noise: 20Hz to 20KHz bandwidth, IHF-A weighted, line inputs to main outputs, all channels assigned</b>	
Power output, Master output, all fader down	<-78 dBu
Power amp output, all fader down	<-63 dBu

<b>THD</b>	
Power output, 1KHz, 20Hz to 20KHz	@50 watts, 4 ohms <0.5%
1KHz @ +14dBu, 20Hz to 20KHz, channel inputs	Channel <0.3%
<b>CMRR (1 KHz @ -60dBu, Gain at maximum)</b>	80 dB
<b>Crosstalk (1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main output)</b>	
Channel fader down, other channels at unity	<-63 dB
Channel muted, other channels at unity	<-64 dB
<b>Frequency Response (Mic input to output)</b>	
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
<b>Maximum Level</b>	
Mic preamp input	+10 dBu
All other inputs	+22 dBu
Unbalanced output	+22 dBu
<b>Impedance</b>	
Lo-Z input (Mic in)	2.2K ohms
Hi-Z input (Line in)	5K ohms
Super Hi-Z	470K ohms
All other input (except insert)	>10K ohms
RCA 2T output	1.2K ohms
All other outputs	560 ohms
<b>Equalization</b>	
	2-band, ±15 dB
Low EQ	80 Hz
Hi EQ	12 KHz
<b>Foot switch</b>	
	Digital effect mute: ON/OFF
<b>Microphone Preamp E.I.N.</b>	
150 ohms terminated, max gain	<-122 dBm
<b>Power Consumption (Average Maximum)</b>	
	100 Watts
<b>Power Requirement(Depends on region)</b>	
	100-120VAC, 220-240VAC, 50/60 Hz
<b>Dimensions (WxHxD)</b>	
	470x260x275 mm (18.5"x10.2"x10.8")
<b>Weight</b>	
	12kg (26.4lbs)

## Back Panel



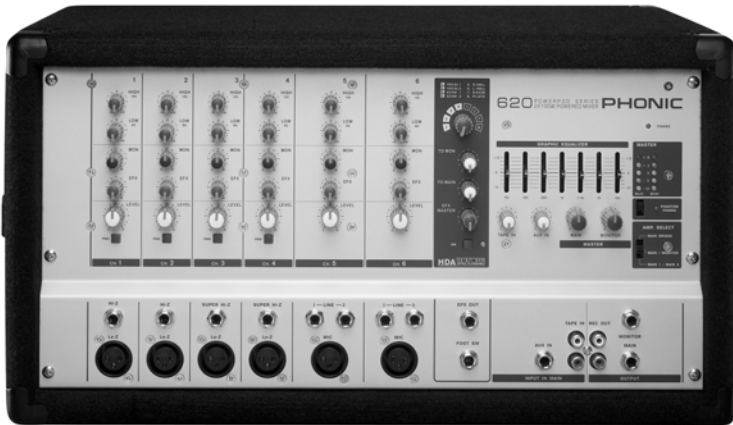
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# PHONIC

# POWERPOD 620

## POWERPOD 620 2x 100W 6 Mic 8 Line 8 DFX Powered Mixer

Built-in limiters  
6 channel mixer  
24-bit processing plus foot switch jack  
7-band graphic EQ  
2 Super Hi-Z inputs optimized for direct input of acoustic electric guitars and electric guitars or basses  
2-band channel EQ



### FEATURES

- ▶ Two 100 watt / 4 ohm power amplifiers for main / monitor or main 1 / main 2 (Bridge mono, 200 Watt / 8 ohm)
- ▶ 8-preset DSP effects with 24-bit processing
- ▶ 7-band graphic EQ
- ▶ Foot switch for turning effects processor on/off
- ▶ 6 balanced mic inputs through XLR jacks
- ▶ 8 line inputs through 1/4" TRS jacks
- ▶ 2 Super Hi-Z inputs optimized for direct input of acoustic electric guitars and electric guitars or basses
- ▶ Pad control on channel 1-4
- ▶ Built-in limiters
- ▶ 2-band channel EQ
- ▶ Monitor and effect sends on each input channel
- ▶ Drive level / Effect out master control to the input of built-in effect processor
- ▶ Aux input
- ▶ Tape input & record output for CD or tape player
- ▶ +48V phantom power
- ▶ Wooden box with carpet plus steel corner protection

The Phonic Powerpod 620 Powered Mixer has 200 Watts of power (2 x 100W), a total of 6 input channels (6 microphone inputs, 8 line inputs) with 2-band EQs, a 7-band graphic equalizer, and an 8 program, 24-bit effect processor (with foot switch control). A medium size powered mixer, the Powerpod 620 is ideal for small venues, including clubs, churches, functions, etc.

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