

POWERPOD 620 F

200W 6-Channel Powered Mixer with Feedback Killer

- 100W + 100W power amplifier with built-in limiters
- Phonic's feedback reduction circuitry dynamically searches out and kills feedback while still ensuring the rest of your audio sounds fantastic
- 32/40-bit digital multi-effect processor with 16 programs plus parameter control and footswitch jack
- 7-band graphic EQ



FEATURES

- ▶ 100W + 100W / 4 ohms dual power amplifiers for Main or Main/Monitor (Bridge mono, 200W / 8 ohms)
- ▶ Built-in one-touch feedback elimination circuitry for destroying feedback in live performances
- ▶ USB recorder and playback device for capturing all performances with ease
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus parameter control and footswitch jack
- ▶ Six balanced Mic inputs and eight Line inputs
- ▶ Two Super Hi-Z inputs optimized for direct instrument input
- ▶ 2-band EQ on each input channel
- ▶ 7-band master graphic EQ
- ▶ Pad control on channels 1-4
- ▶ AUX input
- ▶ Stereo RCA I/O
- ▶ Global +48V phantom power for mic inputs
- ▶ Built-in limiters
- ▶ Monitor and effect sends on each input channel
- ▶ Drive level / effect out master control for signal sent to effect processor

The Phonic Powerpod 620 F mixers are powered mixers built into a compact and durable molded cabinet. Each Powerpod 620 F has a built-in stereo amplifier which is bridgeable and patchable. Super Hi-Z inputs allow for the addition of guitars and other instruments. The mixers feature onboard feedback Killer, activated with the push of a button. The units also offer high definition digital effects with 16 preset programs, each with it's own user-definable parameter. The 2-band EQ on every channel and multi-band graphic EQ with selectable In/Out switches give you maximum control over your mix.

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SPECIFICATIONS

Number of Power Channels	2
Limiter	N/A
8 ohms per Channel	70
4 ohms per Channel	100
8 ohms Bridge Mono	200
Crosstalk (1KHz@0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)	
Channel muted, other channels at unity	N/A
Frequency Response at proper impedance load	+1/-3dB
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	<-78dBu
Power amp output, all fader down	<-63dBu
THD	
Power output, 1KHz, 20Hz to 20KHz	@50 watts, 4 ohms <0.12%
Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs	<0.06%
Inputs / Outputs	
Lo-Z / Hi-Z Channels	6, 2 with super Hi-Z (470K ohms)
Balanced Mic/ Stereo Line Channels	2
2T Input	RCA
AUX Returns	1 x 1/4" TRS, Unbal.
Main L/R Stereo	N/A
Main Mono	1 x 1/4" TRS, Unbal.

Monitor Send	1 x 1/4" TRS, Unbal.
AUX / EFX Send	1 x 1/4" TRS, Unbal.
Phones	N/A
Record Out	RCA
Speaker Outputs	5 x 1/4" TRS
Master Section	
Monitor & AUX / EFX Send Masters	2
Stereo AUX Returns	N/A
Effects Return to Monitor	Yes
Phones Level Control	N/A
Faders	Moni, Main (Rotary)
Phantom Power Supply	+48VDC
Built-in Digital Effect Processor	32/40-bit, 16 programs
Foot Switch	Digital effect mute: ON/OFF
Feedback Elimination	YES
Built-in Graphic EQ	Stereo 7-band
CMRR (1 KHz @ -60dBu, Gain at maximum)	80dB
Channel Equalization	2-band, ± 15 dB
Low EQ	80Hz
Mid EQ	N/A
Hi EQ	12KHz
Power Requirement	100-120VAC, 220-240VAC, 50/60 Hz, depends on region
Dimensions (WxHxD)	470x260x275 mm (18.5"x10.24"x10.83")
Weight	12kg (26.4lbs)



Back Panel

PHONIC