

POWERPOD 620 FR

200W 6-Channel Powered Mixer with Feedback Elimination & USB Recorder

- 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
- Record your performance directly to an USB storage device, then playback the performance through the powerpod or connect the USB device to your computer's reader to upload the performance
- 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 FR Series of mixers are powered mixers built into a compact and durable molded cabinet. Each Powerpod FR 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 elimination, activated with the push of a button. A USB recorder is also incorporated into the unit, allowing the main mix to be captured onto any standard USB storage device. The units also offer high definition digital effects with 16 preset programs, each with it's own user-definable parameter. The 3-band EQ on every channel (2-band on 620) 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
USB Recording/Playback	
Recording Format	wav
Maximum Playback Bitrate	320 kbit/second
Supported Playback Formats	wav, mp3
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