

## POWERPOD IO62 F

600W 10-Channel Powered Mixer with DFX and Feedback Elimination

- ▶ 300W + 300W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor
- ▶ 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



Front Panel

### FEATURES:

- ▶ 300W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor
- ▶ Built-in feedback elimination circuitry for destroying feedback in live performances
- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ 9 balanced Mic inputs and 12 Line inputs
- ▶ Two super Hi-Z inputs specially optimized for direct instrument inputs
- ▶ 3-band EQ on channels 1 through 9
- ▶ Dual multi-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- ▶ Rumble filter for Mic inputs
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ Global +48V phantom power for Mic inputs
- ▶ 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 F Series of mixers are powered mixers built into a compact and durable molded cabinet. Each Powerpod 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 elimination, 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 3-band EQ on every channel and dual multi-band graphic EQ with selectable In/Out switches give you maximum control over your mix.

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## SPECIFICATION

Number of Power Channels	2	Built-in Digital Effect Processor	32/40-bit, 16 programs
Limiter	2	Foot Switch	Digital effect mute: ON/OFF
8 ohms per Channel	200	Graphic EQ	2 x 8-band
4 ohms per Channel	300	Channel Equalization	3-band, $\pm 15$ dB
Inputs / Outputs		Low EQ	80 Hz
Lo-Z / Hi-Z Channels	8, 2 with super Hi-Z (470K ohms)	Mid EQ	2.5 kHz
Balanced Mic/Stereo Line Channels	2	Hi EQ	12 kHz
2T Input	Stereo RCA	Crosstalk (1KHz@0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)	
AUX Returns	2 x 1/4" TRS, Bal.	Channel muted, other channels at unity	<-64 dB
Main L/R Stereo	2 x 1/4" TS, Unbal.	Frequency Response at proper impedance load	+0/-2 dB
Monitor Send	1 x 1/4" TS, Unbal.	Noise: 20Hz to 20KHz bandwidth, IHF-A weighted, line inputs to main L/R outputs, all channels assigned, panned L/R	
EFX Send	1 x 1/4" TS, Unbal.	Master output, all fader down	<-78 dBu
Phones	Stereo TRS	Power amp output, all fader down	<-63 dBu
Record Out	Stereo RCA	THD	
Speaker Outputs	4 x 1/4" TS	Power output, 1KHz, 20Hz to 20KHz	@100 watts, 4 ohms <0.5%
Feedback Eliminator		Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs	<0.3%
Channels	2	CMRR (1 KHz @ -60dBu, Gain at maximum)	80 dB
Filters per Channel	30	Power Requirement	100-120V AC, 220-240V AC, 50/60 Hz, with switch
Filter Types	Single Shot, Dynamic	Dimensions (WxHxD)	480 x 325 x 280 mm (18.9" x 12.8" x 11")
Master Section		Weight	21.5 kg (47.4 lbs)
Monitor & AUX / EFX Send Masters	2		
Stereo AUX Returns	1		
Effects Return to Monitor	Yes		
Phones Level Control	Yes		
Faders	Moni, Main L/R (Rotary)		
Phantom Power Supply	+48VDC		



Rear Panel



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Information in this document is subject to change without notice.