

POWERPOD 410 R | POWERPOD 620 R | POWERPOD 740 R | POWERPOD 1062 R | POWERPOD 1082 R

Powerpod 410 R

100W 4-Channel Powered Mixer with Variable Delay

Powerpod 620 R

200W 6-Channel Powered Mixer with USB Recorder + Player

Powerpod 740 R

440W 7-Channel Powered Mixer with DFX and USB Recorder

Powerpod 1062 R

600W 10-Channel Powered Mixer with DFX & USB Recorder

Powerpod 1082 R

800W 10-Channel Powered Mixer with DFX and USB Recorder



Features

- ▶ 100W (at 4 ohms) single channel power amplifier (Powerpod 410 R)
- ▶ 100W + 100W (at 4 ohms) 2 channel power amplifier for Main 1/2 or Main / Monitor (Powerpod 620 R)
- ▶ 220W + 220W (at 4 ohms) 2 channel power amplifier for Main 1/2 or Main / Monitor (Powerpod 740 R)
- ▶ 300W + 300W (at 4 ohms) stereo power amplifier for Main L/R or Main / Monitor (Powerpod 1062 R)
- ▶ 400W + 400W (at 4 ohms) stereo power amplifier for Main L/R or Main / Monitor (Powerpod 1082 R)
- ▶ USB Recorder + Player onboard for recording your main mix with ease
- ▶ Up to 9 balanced microphone inputs
- ▶ Up to 12 1/4" phone jack inputs
- ▶ Two super Hi-Z inputs optimized for direct instrument inputs
- ▶ Global phantom power for condenser microphones
- ▶ 32/40-bit digital multi-effect processor with 16 programs – each with a user-adjustable parameter
- ▶ Dual multi-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- ▶ 3-band equalizer available on all channels (2-band on 410 R and 620 R)
- ▶ Rumble filter for reducing noise on mic inputs
- ▶ Pad control on multiple input channels
- ▶ Monitor and effect sends on each input channel
- ▶ Rec out with trim control for record level matching
- ▶ Mains power switchable between 115 VAC and 230 VAC
- ▶ Many features are dependent on the model – see specs for detailed information on each individual product

Description

Phonic's Powerpod R mixers are powered mixers built into a compact and durable cabinets. Each Powerpod R has a built-in stereo amplifier which is powerful and patchable. Super Hi-Z inputs allow for the addition of guitars and other instruments. 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 its own user-definable parameter (not available on 410 R). The 2- or 3-band EQ on every channel and dual multi-band graphic EQ with selectable In/Out switches give you maximum control over your mix.

POWERPOD R SERIES

Specifications

Professional Powered Mixer

POWERPOD 410 R | POWERPOD 620 R | POWERPOD 740 R | POWERPOD 1062 R | POWERPOD 1082 R

	POWERPOD 410 R	POWERPOD 620 R	POWERPOD 740 R	POWERPOD 1062 R	POWERPOD 1082 R
Number of Power Channels	1	2	2	2	2
Limiter	N/A	N/A	2	2	2
8 ohms per Channel	65	70	135	200	270
4 ohms per Channel	100	100	200	300	400
8 ohms Bridge Mono	N/A	200	400	N/A	N/A
Inputs / Outputs					
Lo-Z / Hi-Z Channels	4	6, 2 with super Hi-Z (470K ohms)	4, 2 with super Hi-Z (470K ohms)	8, 2 with super Hi-Z (470K ohms)	8, 2 with super Hi-Z (470K ohms)
Balanced Mic/ Stereo Line Channels	N/A	2	3	2	2
2T Input	N/A	RCA	RCA	RCA	RCA
AUX Returns	N/A	1 x 1/4" TS, Unbal.	1 x 1/4" TS, Unbal.	1 x 1/4" TS, Unbal.	1 x 1/4" TS, Unbal.
Main L/R Stereo	N/A	N/A	N/A	1 x 1/4" TS, Unbal.	1 x 1/4" TS, Unbal.
Main Mono	N/A	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.	N/A	N/A
Monitor Send	N/A	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.
AUX / EFX Send	N/A	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.	1 x 1/4" TRS, Unbal.
Phones	N/A	N/A	N/A	1/4" TRS	1/4" TRS
Record Out	N/A	RCA	RCA	RCA	RCA
Speaker Outputs	2 x 1/4" TRS	5 x 1/4" TRS	5 x 1/4" TRS	4 x 1/4" TRS	4 x 1/4" TRS
USB Recording/Playback					
Recording Format	wav	wav	wav	wav	wav
Maximum Playback Bitrate	320 kbit/second	320 kbit/second	320 kbit/second	320 kbit/second	320 kbit/second
Recording Quality	IMA ADPCM WAV: 16kHz, 4 Bit Stereo, 128 kBit/s	IMA ADPCM WAV: 16kHz, 4 Bit Stereo, 128 kBit/s	IMA ADPCM WAV: 16kHz, 4 Bit Stereo, 128 kBit/s	IMA ADPCM WAV: 16kHz, 4 Bit Stereo, 128 kBit/s	IMA ADPCM WAV: 16kHz, 4 Bit Stereo, 128 kBit/s
Supported Playback Formats	wav, mp3	wav, mp3	wav, mp3	wav, mp3	wav, mp3
Master Section					
Monitor & AUX / EFX Send Masters	N/A	2	2	2	2
Stereo AUX Returns	N/A	N/A	N/A	1	1
Effects Return to Monitor	N/A	Yes	Yes	Yes	Yes
Phones Level Control	N/A	N/A	N/A	Yes	Yes
Faders	Main (Rotary)	Moni, Main (Rotary)	Moni, Main (Rotary)	Moni, Main L/R (Rotary)	Moni, Main L/R (Rotary)
Phantom Power Supply	N/A	+48VDC	+48VDC	+48VDC	+48VDC
Built-in Digital Effect Processor	Digital Delay (2ms-150ms)	32/40-bit, 16 programs	32/40-bit, 16 programs	32/40-bit, 16 programs	32/40-bit, 16 programs
Foot Switch Jack	N/A	Digital effect mute: ON/OFF	Digital effect mute: ON/OFF	Digital effect mute: ON/OFF	Digital effect mute: ON/OFF
CMRR (1 KHz @ -60dBu, Gain at maximum)	80dB	80dB	80dB	80dB	80dB
Crosstalk (1KHz@0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)					
Channel muted, other channels at unity	<-63dB	N/A	<-64dB	<-64dB	<-64dB
Frequency Response at proper impedance load	+1/-3dB	+1/-3dB	+0/-2dB	+0/-2dB	+0/-2dB
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	-86dBu	<-78dBu	<-78dBu	<-78dBu	<-78dBu
Power amp output, all fader down	-55dBu	<-63dBu	<-63dBu	<-63dBu	<-63dBu
THD					
Power output, 1KHz, 20Hz to 20KHz	@100 watts, 4Ω <0.2%	@50 watts, 4 ohms <0.12%	@100 watts, 4 ohms <0.5%	@100 watts, 4 ohms <0.5%	@100 watts, 4 ohms <0.5%
Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs		<0.06%	<0.3%	<0.3%	<0.3%
Built-in Graphic EQ	N/A	Stereo 7-band	2 x 7-band	2 x 7-band	2 x 7-band
Channel Equalization	2-band, ±5dB	2-band, ±5dB	3-band, ±5dB	3-band, ±5dB	3-band, ±5dB
Low EQ	80Hz	80Hz	80Hz	80Hz	80Hz
Mid EQ	N/A	N/A	2.5KHz	2.5KHz	2.5KHz
Hi EQ	12KHz	12KHz	12KHz	12KHz	12KHz
Power Requirement	100-120VAC, 220-240VAC, 50/60 Hz, depends on region	100-120VAC, 220-240VAC, 50/60 Hz, depends on region	100-120VAC, 220-240VAC, 50/60 Hz, with switch	100-120VAC, 220-240VAC, 50/60 Hz, with switch	100-120VAC, 220-240VAC, 50/60 Hz, with switch
Dimensions (WxHxD)	440 x 136 x 214 mm (17.3" x 5.4" x 8.4")	440 x 265 x 275 mm (17.32"x10.43"x10.83")	471 x 265 x 275 mm (18.54"x10.43"x10.83")	471 x 285 x 275 mm (18.54"x11.22"x10.83")	471 x 285 x 275 mm (18.54"x11.22"x10.83")
Weight	7.2 kg (15.86 lbs)	13.06kg (28.8lbs)	15.5kg (34.1lbs)	17.69kg (39lbs)	19kg (42lbs)