

## POWERPOD 865 **PLUS** 600W 8-Channel Powered Mixer with Dual Graphic EQ & DFX

- Dual position 45 degree angular molded cabinet
- Slot for optional Wireless microphone modules
- Tripod stand mountable for easy eye-level operation
- Vocal eliminator for karaoke application
- Two Super Hi-Z inputs optimized for direct instrumental input



### FEATURES

- ▶ Dual position 45 degree angular molded cabinet
- ▶ 300W + 300W / 4 ohms stereo power amplifier for Main L/R or Main/Monitor (Bridge mono, 600W / 8 ohms)
- ▶ DFX, our 32-bit digital multi-effect processor with 16 preset programs plus one main parameter control, tap delay and foot switch jacks
- ▶ Wireless Mic module slot
- ▶ 8 balanced Mic inputs
- ▶ 10 Line inputs
- ▶ Two super Hi-Z inputs optimized for direct instrument input
- ▶ 3-band channel EQ (two channels with swept mid-range)
- ▶ Dual 7-band graphic equalizers with feedback detection system
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ Stereo AUX input
- ▶ +48V phantom power
- ▶ Vocal eliminator for karaoke application
- ▶ sPs for smoother high frequencies and enhanced low-end output
- ▶ Two built-in limiters
- ▶ Two Speakon-type connectors and five 1/4" phone jacks for speaker connection

The Phonic Powerpod 865 and 885 Plus are powered mixers in compact and durable angular molded cabinet that are tripod-mountable. Each Powerpod Plus has a built-in stereo amplifier which is bridgeable and power can be directed to various outputs. Super Hi-Z inputs allow for the addition of guitars and other instruments. The mixers feature onboard DFX, our 32-bit digital effects processors with 16 preset programs, one parameter control and footswitch jacks. The 3-band EQ on every channel and dual 7-band graphic EQ with feedback detection give you maximum control over your mix. In keeping with Phonic's commitment to incorporate wireless technology into many of its products, an optional wireless microphone module can be added to the mixer. The vocal eliminator is great for taking the vocals off of song tracks for use in karaoke.

## Specifications

POWER AMP, output power in watts @ THD<0.5%, 1kHz	
Number of Power channels	2
Limiters	2
8 ohms per channel	195
4 ohms per channel	300
8 ohms bridge mono	600
Inputs	
Lo-Z / Hi-Z channels	6, 2 with super Hi-Z (470k ohms)
Balanced Mic/Line-level channels	2
2T input	2 x RCA & mini stereo
AUX returns	2 x 1/4" TS (stereo), bal.
Outputs	
Main out	2 x 1/4" TS (stereo), unbal.
Monitor out	1 x 1/4" TS, unbal.
EFX send	1 x 1/4" TS, unbal.
REC out	2 x RCA & mini stereo
Speaker outputs	2 x speakon & 5 x 1/4" TS
Channel Strips	
Monitor / Effect send controls	2
Pan/Balance control	Yes
Volume controls	Rotary
Pad in/out	Ch 1 - 6
Master Section	
AUX returns	1, stereo
Effects Return to Monitor	Yes
Faders	Monitor, Main L/R (rotary)
Metering	
Number of channels	3
Segments	5
Phantom Power Supply	
Switches	Global
Digital Effect Processor	
	16 effects with one main parameter control and footswitch jack
Graphic EQ w/ feedback detection system	
	ST+1 (assignable to main L/R or main/monitor), 7-band
Center frequencies	60, 120, 360, 1k, 2.5k, 7k, 16k Hz
Range	±12 dB
Vocal Eliminator	Yes
Speaker Enhancement System	Yes

<b>Noise:</b> 20 Hz to 20 kHz bandwidth (HF-A weighted, line inputs to main L/R outputs, all channels assigned, panned L/R)	
Master output, all faders down	<-78dBu
Power amp output, all faders down	<-63dBu
THD	
Power output, 1kHz, 20Hz to 20 kHz (@150 watts, 4 ohms)	<0.5%
Any output, 1 kHz @ +14dBu, 20 Hz to 20 kHz, channel inputs	<0.3%
CMRR (1kHz @ -60 dBu, gain at maximum)	
	80dB
<b>Crosstalk</b> (1 kHz @ 0dBu, 20 Hz to 20 kHz bandwidth, channel in to main L/R outputs)	
Channel fader down, other channels at unity	<-63 dB
Channel muted, other channels at unity	<-64 dB
Frequency Response (Mic input to output)	
20 Hz to 20 kHz, line input o/p @ +4dBu into 600 ohms	+0/-2 dB
20 Hz to 20 kHz, power amp o/p 1 watt into 8 ohms	+0/-2 dB
Maximum Level	
Mic preamp input	+10 dBu
All other inputs	+22 dBu
Unbalanced output	+22 dBu
Impedance	
Lo-Z input (Mic in)	2.2k ohms
Hi-Z input (Line in)	5k ohms
Super Hi-Z (Line in)	470k ohms
All other inputs	>20k ohms
RCA 2T output	1.2k ohms
All other outputs	560 ohms
Equalization	
Low EQ	80 Hz
Mid EQ on channel 1 & 2	100 Hz - 8 kHz sweepable
Mid EQ on channel 3 and above	2.5 kHz
Hi EQ	12 kHz
Footswitch	Digital effect mute: On/Off
Microphone Preamp E.I.N.	
150 ohms terminated, max gain	<-122 dBm
Power Consumption (Average Maximum)	
	300 Watts
Power Requirement (depends on region)	
	100 - 120VAC, 220 - 240VAC, 50/60 Hz
Net Weight	
	11 kg (24.2 lbs)
Dimensions (W x H x D)	
	474.7 x 306.2 x 324.2 (18.7" x 12" x 12.8")

### Optional Accesories

<b>UM31</b>	Wireless UHF Handheld Microphone Set
<b>UM41</b>	Wireless UHF Lavalier Microphone Set
<b>UM51</b>	Wireless UHF Headset Microphone Set
<b>S3</b>	Tripod Mounting Stand
<b>ER-PLUS</b>	Rack Mounting Kit



V1.3 06/06/2009

Information in this document is subject to change without notice

### Back Panel



# PHONIC