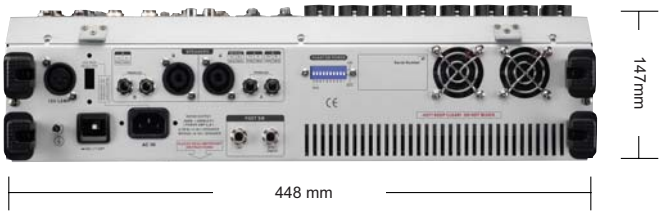
POWERPOD 1860 DELUXE

Specifications

POWER AMP, output power in watts @THD<0.5%, 1KHz	
Number of Power Channels	2
Limiter	2
8 ohms per Channel	260
4 ohms per Channel	400
8 ohms Bridge Mono	800
Inputs	
Total Channels	10
Balanced mono mic/line channels	8 (XLR+ 1/4" combo jack)
Stereo line channels with mic preamp	2 (XLR & 2x 1/4")
2T Input (RCA & mini stereo jacks)	1 (1x mini stereo & 2x RCA jacks)
Outputs	
Main L/R Stereo	2 x 1/4" TS, Unbal.
Main Mono	1/4" TS, Unbal.
Aux Send & Effect Send	4 x 1/4" TS, Unbal.
Phones	1
Control RM or Zone 2 Output	2 x 1/4" TS, Unbal.
Rec Out	1x Mini stereo, 2x RCA jacks
Speaker Output	2 x speakon & 4 x 1/4" TS
Channel Strips	10
Aux / Efx Control	4
Pan/Balance Control	Yes
Channel On/Mute	Yes
Channel PFL with metering	Yes
LED Indicators	On, Peak, Signal, PFL
Volume Controls	60mm faders
Insert	Yes
Master Section	
Aux Send Masters	2, 60mm fader
Effects Return to Monitor	Yes
Phones/Control RM/Zone 2 Level Control	Yes
Control Room Mode	ST, PFL/AFL
Faders	Efx, Aux 1, Aux 2, Mono, Main L/R (60mm fader)
Metering	
Number of Channels	2
Segments	13
Phantom Power Supply	+48V DC
Switch	Master + 10
Effect Processor	16 effects with one main parameter control, tap delay control, foot switch (effect on/off, tap)
Built-in graphic EQ	Stereo 10-band
Center Frequency	40, 80, 160, 315, 630, 1.25K, 2.5K, 5K, 10K, 16 KHz
Range	±12 dB

Noise: 20Hz to 20KHz bandwidth, IHF-A weighted, line	
inputs to main L/R outputs, all channels assigned, panned L/R	<-94 dBu
Master output, all fader down	<-63 dBu
Power amp output, all fader down	
THD	@200 watts, 4 ohms <0.5%
Power output, 1KHz, 20Hz to 20KHz	<0.3%
Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs	
CMRR	80 dB
1 KHz @ -60dBu, Gain at maximum	
Crosstalk	
1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main	<-63 dB
L/R outputs	<-64 dB
Channel fader down, other channels at unity	
Channel muted, other channels at unity	
Frequency Response (mic input to output)	
20Hz ~ 20KHz, line level o/p @ +4dBu into 600 ohms	+0/-2 dB
20Hz ~ 20KHz, power amp o/p 1 watt into 8 ohms	+0/-2 dB
Maximum Level	
Mic Preamp Input	+22 dBu
All Other Inputs	+22 dBu
Unbalanced Outputs	+22 dBu
Impedance	
Mic In	5K ohms
Line In	50K ohms
All Other Inputs (except inserts)	10K ohms
RCA 2T Outputs	600 ohms
All Other Outputs	150 ohms
Equalization	3-band, ±15 dB
Low EQ	80 Hz
Mid EQ	2.5 KHz
Hi EQ	12 KHz
Low Cut Filter	75Hz (-18dB/oct)
Microphone Preamp E.I.N.	
150 ohms terminated, max gain	<-122dBm
Power Consumption(Average Maximum)	400 Watts
Power Requirement	Switchable between 115VAC & 230VAC, 50/60 Hz
Net Weight	
Dimensions(WxHxD)	483 x 142.6 x 466.2mm (19" x 5.6" x 18.4")

Rack Mounting Kit



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Information in this document is subject to change without notice.

PHONIC

POWERPOD1860 DELUXE 2X 400W, 8 Mic/Line 2 Stereo GEQ DFX Powered Mixer

400W + 400W output power, selectable and assignable
12-channel mixer with low cut
3-band channel EQ and 4 AUX sends
Stereo 10-band graphic EQ
16 multi-effects plus one main parameter control, and tap control
Molded protection cover
Less weight achieved by switching power supply
Mixing units for use in sound recording

Molded Protection Cover

FEATURES

- 2 x 400 Watt / 4 ohm power amplifier, bridgeable and patchable
- Less weight achieved by high-efficiency switching power supply
- 10 mic preamp in total
- 8 Mic/Line input channels with 3-band EQ and inserts
- 2 stereo input channels with 3-band EQ, each includes one mic preamp
- 2 stereo returns, each can be routed to aux 1 & 2 sends (effect to monitor)
- Stereo 10-band graphic EQ
- Effect processor with 16 effects plus parameter control and tap control
- Foot switch allows user to on/mute effect processor and tap delay
- 4 Aux sends, aux 1/2 are pre-fader and EFX 3/4 are post-fader
- +48V individual phantom power switches
- Mono output with variable low pass filter from 60 Hz up to 160 Hz
- PFL on each input and AFL on each output
- Stand-by switch for playing music between sets
- Zone 2 output for side fill or another PA system
- Headphone output with separate rotary level control
- Mini stereo phone jacks and RCA jacks for tape in and record output
- One professional speaker connector and two 1/4" phone jacks per channel for speaker connection
- Molded protective cover to avoid scratch surface
- Rugged metal main chassis with integrated handle
- Mains power switchable between 115VAC and 230VAC
- Optional rack-mounting kit, model name ER-K12

The Powerpod 1860 Deluxe is a 400-Watt per channel powered mixer with 16 built-in digital effects, parameter control and foot switch controllability. It features 8 mono input channels, as well as 2 stereo input channels, individual phantom power switches, 3-band channel EQs, and a stereo 10-band system EQ. Added features such as a convenient handle integrated into the mixer's base and a removable protective cover makes the Powerpod 1860 Deluxe perfect for club bands, churches, schools, and wherever a compact and portable self-contained audio system is needed.

PHONIC