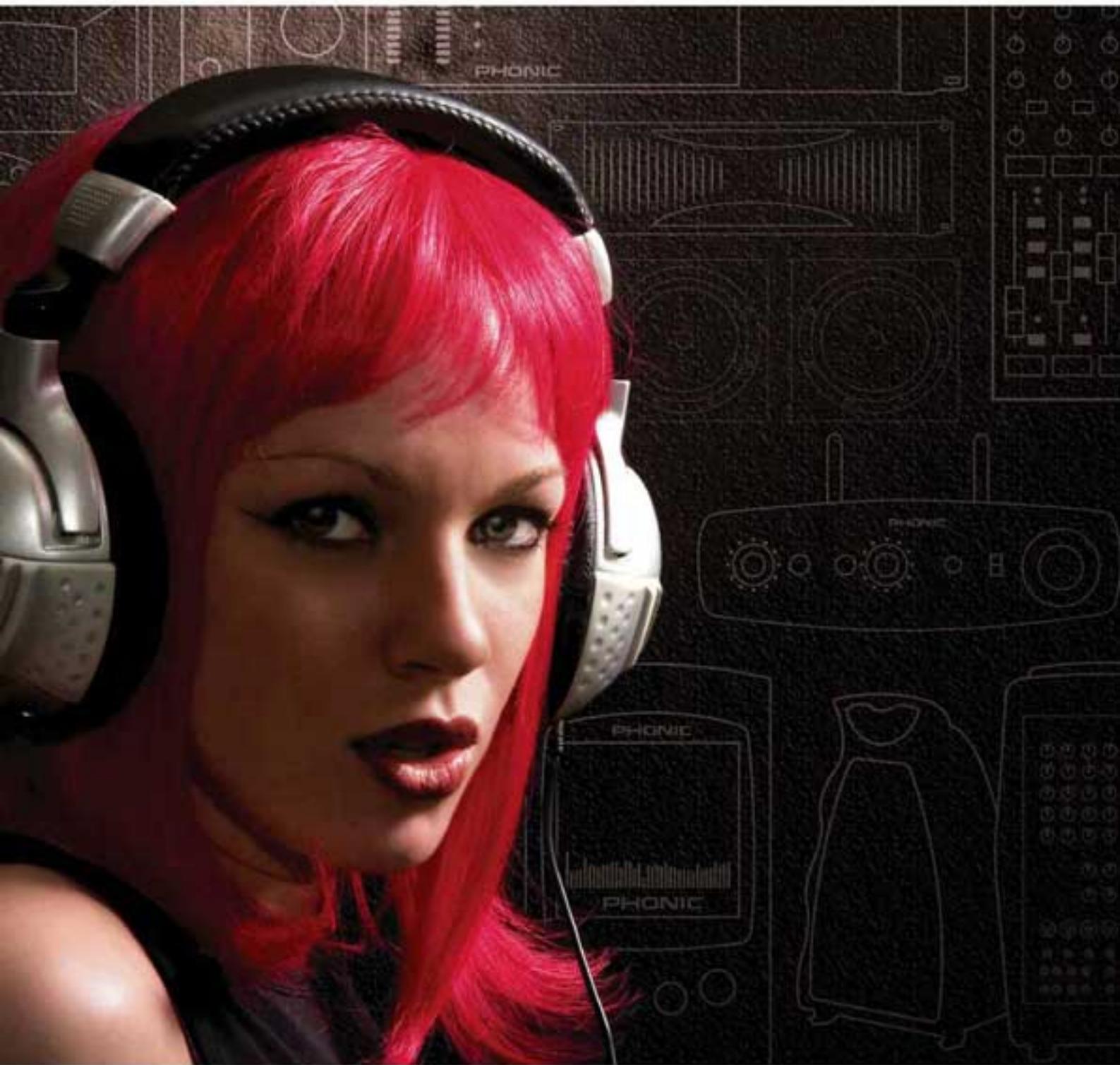


PHONIC



Mixers Amplifiers Speakers Audio Testing Wireless Effects Mobile PAs Digital Interfaces Signal Processors

HOW FAR WILL YOUR MUSIC GO ?



You wanted high-quality professional audio equipment that's also accessible, and we listened. Our 50+ sound engineers and musicians work together to continually push the envelope of acoustic innovation to bring you reliable, great sounding equipment that remains affordable - wireless gear, new media interfaces, mixers, amplifiers, signal processors, speakers and audio test equipment.

HOW FAR WILL YOUR MUSIC GO ?



PHONIC'S STORY

For over 30 years, our goal has been to satisfy the needs of today's music makers. We bring you quieter, more versatile mixers, higher fidelity speakers with more reach, and amplifiers that pack more clean power. Today, we continue to talk to musicians and sound engineers to develop creative solutions that make you sound better.



Our global sales force is strategically located with offices in almost every Country. Wherever you are, Phonic is sure to be there. We follow up our global sales effort with equally enthusiastic customer service with one hundred service repair centers worldwide. Check us out at www.phonic.com or road test our gear at your nearest dealer.

So how far will your music go? Let us take you there.



PHONIC

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FIREFLY . STUDIO WIZARD

FIREFLY 302 / FIREFLY 808



FIREFLY 302

Portable FireWire Unit

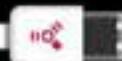
- ▶ 5 x 6 24-bit/96kHz I/O
- ▶ 2 x 2 analog operation (RCA)
- ▶ Digital S/PDIF (coaxial) I/O (PCM)
- ▶ Front-panel microphone in (XLR) with: 48V phantom power
- ▶ Headphone output with dedicated level control
- ▶ Low-latency ASIO software direct monitoring
- ▶ 1 x 1 16-channels MIDI I/O
- ▶ Power indicator LED
- ▶ Powered via FireWire bus or included DC power supply
- ▶ Dual FireWire (6 and 4 pin ports) with bus-power
- ▶ Sig and Clip LED's for input and output
- ▶ Mac and Windows compatible



FIREFLY 808

Studio Recording Pre-amp and 192kHz FireWire Interface

- ▶ FireWire (IEEE 1394) audio interface
- ▶ 24-bit resolution, up to 192K sampling rate
- ▶ 18 simultaneous inputs and outputs FireWire audio interface
- ▶ 8 microphone preamps with trim control and individual phantom power switches
- ▶ 8 analog line inputs including 2 Instrument Inputs
- ▶ 8 channels of optical ADAT I/O (4 ch. via 96k dual SMUX)
- ▶ S/PDIF I/O, AES/EBU I/O, MIDI I/O and word clock I/O
- ▶ Headphone output and Main output with volume control for monitoring purpose
- ▶ Channel meters on channel 1 to 8 for input or output
- ▶ Synchronization, sampling rate, digit I/O and MIDI in/out indicators
- ▶ Dual FireWire ports for daisy chaining and direct connection to Mac or PC
- ▶ Stand-alone mixer functionality for field and studio use without computer
- ▶ Instrument input, pad switch, balanced TRS send jacks on Inputs 1 and 2
- ▶ Compatible with Mac OSX and Windows XP
- ▶ Steinberg Cubase LE DAW software included



STUDIO WIZARD

Take the helm of your digital studio with the Studio Wizard, the control center for all of your inputs and outputs. The Studio Wizard integrates a rack-mountable base unit for audio input and output signals, and a desktop controller for remote operation of the device. It accepts up to four balanced stereo line-level inputs and two digital inputs with 24-bit/192k DA conversion. Three sets of monitor outputs provide the option to compare between different sets of Phonic studio monitors, and a volume knob with an accurate digital readout gives you precise level control. A built-in talkback microphone is assignable to the studio outs, record outs, monitor or an alternate output and lets you easily communicate with the talent. Or, connect your own talkback mic via the XLR input on the front panel. A headphone mixing bus lets you choose the inputs you want to monitor and control the volume with independent digital level controls. A sum button conveniently selects multiple inputs and routes them to the outputs. Other important features are a tone generator, left and right cut buttons, a stereo-to-mono button for checking phase, crossfader, a 20-segment LED output meter and an 11-segment LED phase meter.



- ▶ Volume control knob with digital display for precise level adjustments
- ▶ Three separate studio monitor outputs
- ▶ Built-in talkback microphone lets you easily communicate with musicians
- ▶ Talkback assignable to studio out, record out, monitor, or alternate output
- ▶ Monitor four independent stereo analog inputs and two digital inputs
- ▶ Six stereo inputs (two digital and four analog)
- ▶ Sum button allows multiple inputs to be conveniently selected and routed to outputs
- ▶ Front panel headphone output
- ▶ Simultaneous automatic fade-in and -out for hands-free cross-fading
- ▶ Tone generator: 100 Hz, 1 kHz, 10 kHz sine waves and pink noise



- ▶ Independent left and right cut buttons and stereo-to-mono button
- ▶ Microphone jacks for connecting external talkback microphones
- ▶ 24-bit DAC for digital inputs (>115 dB dynamic range)
- ▶ Accurate dual 20-segment LED meter for monitoring
- ▶ Accurate 11-segment LED meter for phase monitoring
- ▶ All stereo outputs have independent input sources

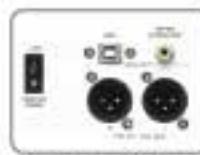


HELIX BOARD SERIES

HELIX BOARD 12 / HELIX BOARD 17

HELIX BOARD

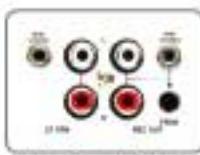
Get a quality front-end for your computer. Helix Board mixers are Phonic's newest, digitally-enabled mixers that sound great and work hard both in and out of the studio. Connect a Helix Board mixer to your computer's USB or FireWire port to get live, CD-quality sound. Zero-latency playback lets you record directly to your computer and monitor in real-time. Helix Board mixers assure perfect audio quality when multi-track recording by allowing you to monitor previously recorded audio files through your headphones while recording another track. Combine the digital audio capabilities of these mixers with audio workstation software, and there's no limit to what you can do.



- ▶ Stereo USB Connectivity
- ▶ +48V Phantom Power



- ▶ Pre-fader solo for easy level setting



- ▶ Mini Stereo I/O for digital media
- ▶ Rec cut with trim control for recording level matching



- ▶ The Control Room / Phonic Source section gives users total control over of audio within the Mixers

HELIX BOARD 12

12-Input Mixer with USB and DFX

The Helix Board 12 is a 12-Input compact mixer with four Mic/Line input channels, two paired stereo input channels and two stereo AUX returns.



HELIX BOARD 17

17-Input 2-Bus Mixer with USB & S/PDIF and DFX

The Helix Board 17 is a 17-Input compact mixer with five Mic/Line input channels, three paired stereo input channels and three stereo AUX returns. A S/PDIF output is incorporated into the mixer for connection to a variety of digital audio devices.



	Helix Board 12	Helix Board 17	
Total Inputs	12	17	
	4	5	Mic
	4	5	Line
	4	6	Stereo*
	✓	✓	Mini Stereo
	✓	✓	Stereo RCA
Outputs	8	8	1/4" TRS
	-	2	XLR
	✓	✓	Mini Stereo
	✓	✓	Stereo RCA
	-	✓	S/PDIF
USB	stereo	stereo	Output
	stereo	stereo	Inputs
	16-bit / 44.1 kHz	16-bit / 44.1 kHz	Sampling Rate
Channel EQ	3-band	3-band with swept mid	
Level Meter	10-pt	13-pt	
DFX	16 with one main parameter control, lag delay and foot switch jacks		
Dimensions (H x W x D)	245.4 x 88 x 271.3 mm (9.7" x 3.4" x 10.7")	300 x 88 x 340 mm (11.8" x 3.5" x 13.4")	
Weight	2.6 kg (5.7 lbs)	7.2 kg (15.9 lbs)	

*AUX Inputs included



RECORDING SOLUTIONS @ UNBEATABLE PRICES



- 96 kHz FireWire interface for streaming multiple independent channels of audio to computer with channels of audio computer with near-zero latency.
- 2 channels of monitoring from computer via FireWire interface.
- 16 high-definition digital multi-effects.
- Steinberg Cubase LE workstation software included.
- 12, 18, 24-Channel models available.
- FireWire channels can be set to pre or post channel EQ

Software : Steinberg Cubase LE

HELIX BOARD 12 FIREWIRE MKII

12-Input Mixer with DFX & FireWire Interface

- Pre/post switch for streaming input channels to computer from pre low cut, EQ or from post EQ, post channel fader.
- 12-input small-format analog mixer with extremely low noise circuitry
- DFX, our 40-bit digital multi-effect processor with 100 programs plus tap delay and foot switch jacks
- 96 kHz FireWire interface for streaming 10 independent channels of audio to computer with near-zero latency



- Two channels of monitoring from computer via FireWire interface
- Four mono Mic/Line channels
- Two stereo channels, two stereo AUX Returns, two AUX sends

- 3-band EQ on each channel
- 75 Hz low-cut filter on mono channel
- Inserts on channel 1 & 2
- +48V phantom power on Mic channels
- Stereo AUX Send 1 cue for monitoring individual channel
- Master AUX section with EFX to Monitor
- Extra ALT 3-4 stereo bus
- Control room/Phones source matrix
- Balanced master output with 60 mm fader control
- High-volume headphone output
- Compatible with Mac OS X and Windows XP
- Steinberg Cubase LE workstation software included

	HB 12 FW MKII	HB 18 FW MKII	HB 24 FW MKII	
Total Inputs	12	18	24	
	4	8	16	XLR
	4	8	16	1/4"
	4	6	4	Stereo RCA
Outputs	4	4	4	
	8	8	17	1/4" TRS
	-	2	3	XLR
	4	4	4	Stereo RCA
FireWire	-	-	-	S/PDIF
	10	16	18	Output channels
	2	2	2	Input channels
	24-bit / 96 kHz	24-bit / 96 kHz	24-bit / 96 kHz	Sampling Rate
Channel EQ	3-band	3-band with swept mid	3-band with swept mid	
Level Meter	10-pt	12-pt		
DFX	100 EFX plus tap delay and foot sw jacks			
Dimensions (H x W x D)	245 x 86 x 271 mm (9.6" x 3.4" x 10.7")	407 x 89 x 357 mm (16" x 3.5" x 14")	445 x 212 x 432 mm (17.5" x 8.3" x 17")	
Weight	2.9 kg (6.4 lbs.)	5.1 kg (11.2 lbs.)	9.8 kg (21.8 lbs.)	

*AUX inputs included



PC



MAC



HELIX BOARD SERIES

HELIX BOARD 18 FIREWIRE MKII / HELIX BOARD 24 FIREWIRE MKII



HELIX BOARD 18 FIREWIRE MKII

18-Input 2-Subgroup Mixer with DFX & FireWire Interface

- ▶ 18-Input small-format analog mixer with extremely low noise circuitry
- ▶ 96kHz FireWire interface for streaming 16 independent channels of audio to computer with near-zero latency
- ▶ 2 channels of monitoring from computer via FireWire interface, assignable to control room monitors, main mix and AUX 1
- ▶ Pre/post switch for swapping streaming input channels to computer from pre low cut, EQ to post EQ, post fader
- ▶ Channel 15/16 routed to Computer can be selected from main mix, group 1/2 and aux 2/3
- ▶ DFX, our 40-bit high definition algorithm digital multi-effect processor with 100 programs plus tap delay, test tones and foot switch jacks
- ▶ Six Mic/Line channels with inserts
- ▶ 8 extremely low noise mic preamps
- ▶ Four stereo Line channels
- ▶ 3-band EQ with swept mid-range
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Three AUX sends, one with Pre/Post switch
- ▶ Two stereo AUX returns with effect to monitor level control
- ▶ +48V phantom power on Mic channels



- ▶ Solo feature on each input and output
- ▶ Two true subgroups with main L and R routing switches
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz
- ▶ Rack-mounting kit included
- ▶ S/PDIF digital audio output
- ▶ Compatible with Mac OSX and Windows XP
- ▶ Steinberg Cubase LE included

HELIX BOARD 24 FIREWIRE MKII

24-Input 4-Subgroup Mixer with DFX & FireWire Interface

- ▶ 24-Input analog mixer with extremely low noise circuitry
- ▶ 96kHz FireWire interface for streaming 18 independent channels of audio to computer with near-zero latency
- ▶ Pre/post internal setting for swapping streaming input channels to computer from pre low cut, EQ to post EQ, post fader
- ▶ 2 channels of monitoring from computer via FireWire interface, can be assigned to control room monitors, main mix and aux1
- ▶ DFX, our 40-bit high definition algorithm digital multi-effect processor with 100 programs plus tap delay and foot switch jacks
- ▶ 16 Mic/Line channels with inserts
- ▶ 3-band EQ with swept mid-range
- ▶ 75 Hz low-cut filter on each channel
- ▶ AUX 1 & 2 with Pre/Post switch
- ▶ Six AUX send mixing bus
- ▶ Four stereo AUX returns, three with effect to monitor



- ▶ +48V phantom power on Mic channels
- ▶ Four true subgroups with main L and R routing switches
- ▶ Direct outputs for multi-track recording
- ▶ Control Room and Phones outputs with multi-input source matrix
- ▶ Mono out with variable low pass filter from 60 Hz to 160 Hz for subwoofer
- ▶ Dual-position I/O pod
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz
- ▶ Rack-mounting kit included
- ▶ S/PDIF digital audio output
- ▶ Compatible with Mac OSX and Windows XP
- ▶ Steinberg Cubase LE included



DITCH YOUR CABLES. GO WIRELESS!

- Works with your existing mixers, speakers
- Transmits up to 210 feet through walls
- Utilizes UHF on 16 selectable frequencies



Perfect for rental systems, DJ's, clubs, churches, schools, sound installations, bands on the go, outdoor events

PHONIC



WM-SYS3

MONO SYSTEM KIT

- (1) WM60 mono transmitter
- (1) WM400 receiver

WM-SYS4

STEREO SYSTEM KIT

- (1) WM70 stereo transmitter
- (2) WM400 receivers

WM400/400D

EXTRA RECEIVER

Freq resp 50Hz-18kHz
Programmable Delay



Interested?

Visit www.phonic.com or email info@phonic.com



SONIC STATION

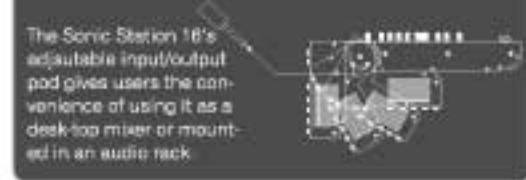
Sonic Station mixers are bursting with inputs! Every channel has a Mic preamp and balanced line input. The 3-band EQ with swept-mid (4-band EQ on stereo channels), insert points for connection to external processors, 6 AUX send mixing bus (2 AUX sends with pre/post buttons), and 8-28 direct outputs for multi-track recording allow users incredible flexibility with mix control and signal routing. But that's not all. The built-in 32/40-bit digital effect processor has 16 awesome programs, main parameter control, foot switch control and tap delay. And if you get any "sub" Sonic noise in your Mics just hit the low cut filter to get rid of breath pops, stage rumble and wind noise. Top it off with a subwoofer output, four true subgroups and phantom power, and you've got a perfect mixer for live events or studio mixing.



SONIC STATION 16

24-Input 4-Bus Mixing Console with Dual-Position I/O Pod and DFX

- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus one main parameter control, tap control and foot switch
- ▶ 16 Mic/Line channels with inserts
- ▶ 3-band EQ with swept mid-range
- ▶ 75 Hz low-cut filter on each channel
- ▶ Four true subgroups with main L and R routing switches
- ▶ Direct outputs for multi-track recording
- ▶ Control Room and Phones outputs with multi-input source matrix
- ▶ Mono out with variable low pass filter from 60 Hz to 160 Hz for subwoofer
- ▶ Dual-position I/O pod
- ▶ Rec out with trim control for record level matching
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz





SONIC STATION 22

SONIC STATION 22 / 32

30/40-Input 4-Bus Mixing Console with DFX

- ▶ Pad switch on mono channels
- ▶ Stereo channel with XLR, 1/4" and RCA inputs
- ▶ 12V gooseneck lamp socket for dark working environments
- ▶ Main stereo and mono out with XLR jacks and inserts
- ▶ 20/30 Mic preamps
- ▶ Dual digital effect engines, each with 16 programs plus one main parameter control, tap delay and foot switch jacks
- ▶ 18/28 direct outputs with pre-fader switch for multi-track recording
- ▶ Rec out with independent trim control
- ▶ Talkback Mic built-in
- ▶ Four stereo AUX returns, each with switches to route signal to AUX 1-4 (effect to monitor)
- ▶ Groups 1-4 and AUX 1-4 can be swapped for monitor console use
- ▶ Talkback mic built-in
- ▶ Variable LPF on mono output for subwoofer
- ▶ Six 12-segment level meters for main, group or AUX
- ▶ Independent solo level control



- ▶ 3-band channel EQ with swept mid-range on mono channels, 4-band EQ on stereo channels
- ▶ Six AUX mixing bus, two pairs with pre/post switch
- ▶ ON, SIGNAL and PEAK/SOLO LED Indicators on each input channel

Rock-mounting
kit included

Talkback Mic built-in

Direct Output



Insert Point

Line Input

Microphone
Input

Input Channels

	Sonic Station 16	Sonic Station 22	Sonic Station 32	
Total Inputs	24	30	40	
	16	20	30	Mic
	16	18	28	Line
	4	6	6	Stereo*
	-	1	1	Talkback Mic
	-	-	-	Mini Stereo
	1	3	3	Stereo RCA
Outputs	6	12	12	1/4" TRS
	3	3	3	XLR
	8	18	28	Direct Out
	-	-	-	Mini Stereo
	-	-	-	Stereo RCA
Inserts	-	-	-	
Channel EQ	3-band with swept mid			
Level Meter	2 x 12-pt	7 x 12-pt		
DFX	One 16-EFX	Dual DFX		
Lamp Jack	BNC			
Dimensions (H x W x D)	440 x 210 x 475 mm (17.3" x 8.26" x 18.7")	859 x 102.79 x 547.42 mm (33.8" x 4.05" x 21.6")	1155.5 x 102.79 x 547.42 mm (45.5" x 4.05" x 21.6")	
Weight	9.5 kg (20.9 lbs)	15.5 kg (34.1 lbs)	18 kg (39.7 lbs)	

*AUX inputs included



AM SERIES

AM 120 / AM 220 / AM 240 / AM 440 / AM 532



AM 120

1 Mic/Line 2 Stereo Input Compact Mixer

- ▶ Audiophile-quality mic preamps & ultra low noise
- ▶ 1 mic/line and 2 stereo channels
- ▶ 2-Band EQ on mono input channel
- ▶ 2T RTN & 2T REC for CD or tape recorder
- ▶ Dual 4-segment master level meter
- ▶ Headphones output with volume control
- ▶ Peak LED on mono input channel
- ▶ Unbalanced master output

AM 220

2 Mic/Line 2 Stereo Compact Mixer

- ▶ Audiophile-quality & ultra low noise
- ▶ Two balanced Mic/Line inputs with 3-band EQ
- ▶ Two stereo inputs with 3-band EQ
- ▶ One stereo AUX return
- ▶ Post-fader EFX send on every input
- ▶ Global +48V phantom power
- ▶ Peak and VU Metering
- ▶ Peak indicators on each mono input channel
- ▶ 2T RTN assignable individually to Main or Control room
- ▶ Stereo EFX send cue for ease of monitoring individual channel
- ▶ Unbalanced master output with 60mm fader control

AM 240

2 Mic/Line 4 Stereo In Compact Mixer

- ▶ Audiophile-quality & ultra low noise
- ▶ Two balanced Mic/Line inputs with 3-band EQ and low cut
- ▶ Four stereo inputs with +4/-10 select button
- ▶ Post-fader AUX send on every input
- ▶ Global +48V Phantom Power
- ▶ CTRL RM and headphones outputs
- ▶ Peak indicators on each mono input channel
- ▶ Convenient RCA stereo I/O for MD, MP3 player
- ▶ Stereo EFX send cue for better monitoring individual channel
- ▶ Unbalanced master output with 60mm fader control

AM 440

4 Mic/Line 4 Stereo Input Compact Mixer

- ▶ Audiophile-Quality & ultra low noise
- ▶ 4 mono mic/line channels
- ▶ 4 stereo channels
- ▶ AUX send on each channel
- ▶ 75Hz low-cut filter on mono channel
- ▶ 3-band EQ on each channel
- ▶ +48V phantom power on mic channels
- ▶ Control room/Phones source matrix for maximum monitor flexibility
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ Unbalanced master output with 60mm fader control
- ▶ Optional rack-mounting kit

AM 532

15-Input Compact Mixer

Rack-mounting
kit included

- ▶ Five balanced Mic/Line channels, two with channel inserts
- ▶ Three stereo Line channels
- ▶ 3-band EQ on each channel
- ▶ Two stereo AUX returns
- ▶ One AUX and 1 Effect Mix Send
- ▶ Stereo RCA I/O
- ▶ PFL feature on all inputs
- ▶ +48V global phantom power
- ▶ 60 mm high-quality linear faders
- ▶ Dual 13-segment LED level meter
- ▶ Two audio groups, balanced
- ▶ Stereo main output, balanced
- ▶ Mono main output, balanced



**AM 240D**

2 Mic/Line 4 Stereo Compact Mixer with EFX

- ▶ Audiophile-quality & ultra low noise
- ▶ Two balanced Mic/Line inputs with 3-band EQ and low cut
- ▶ Four stereo inputs with +4/-10 select button
- ▶ Post-fader AUX send on every input
- ▶ 32/40-bit DSP with 100 EFX + creative Tap-delay
- ▶ Separated EFX route control assignable to main or monitor
- ▶ Global +48V Phantom Power
- ▶ Peak indicators on each mono input channel
- ▶ Convenient RCA stereo I/O for MD, MP3 player
- ▶ Stereo EFX send cue for better monitoring individual channel
- ▶ Unbalanced master output with 60mm fader control

**AM 440D**

4 Mic/Line 4 Stereo-in Compact Mixer with EFX



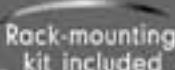
AM 'D' models come with our own 24-bit DSP multi-effect processor with 16 effect programs as well as one main parameter control, tap control and foot-switch jacks.



- ▶ Audiophile-Quality & ultra low noise
- ▶ 4 mono mic/line channels
- ▶ 4 stereo channels
- ▶ AUX send on each channel
- ▶ 75Hz low-cut filter on mono channel
- ▶ 3-band EQ on each channel
- ▶ 32/40-bit DSP with 100 EFX + Tap-delay
- ▶ Separated EFX route control
- ▶ 2T return can be routed to Main or Control room individually
- ▶ +48V phantom power on mic channels
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ Unbalanced master output with 60mm fader control
- ▶ Optional rack-mounting kit

AM 442D

4 Mic/Line 4 Stereo 2 Groups 100+Tap EFX Mixer



- ▶ Audiophile-quality & ultra low noise
- ▶ 4 Mic/Line channels with inserts and phantom power
- ▶ 4 stereo channels with 4-band EQ
- ▶ 3-band EQ with swept mid-range plus low cut on each mono channel
- ▶ Two AUX sends, AUX1 with Pre/Post switch
- ▶ 32/40-bit digital stereo multi-effect processor with 100 programs + Tap delay
- ▶ 2 true subgroups with main L and R routing switches
- ▶ 2 stereo AUX returns with effect to monitor level control
- ▶ Solo feature on each input and output
- ▶ XLR connectors available on main L / R output
- ▶ Convenient stereo RCA I/O 2T input with level control
- ▶ Built-in switching power supply with universal connector, 100-240VAC, 50/60Hz
- ▶ Rack-mounting kit included





AM SERIES . IMPACT SERIES

AM 642D / AM 844D



AM 642D

Rack-mounting
kit included

6 Mic/Line 4 Stereo 2 Groups 9-Band GEQ 100+Tap EFX Mixer

- Audiophile-quality & ultra low noise
- 6 Mic/Line channels with inserts and phantom power
- 4 stereo channels with 4-band EQ
- 3-band EQ with swept mid-range plus low cut on each mono channel
- 3 Aux sends, one with Pre/Post switch
- 32/40-bit digital stereo multi-effect processor with 100+ tap delay plus foot switch
- Stereo 9-band graphic EQ, assignable to main mix or aux 1 send

- 2 true subgroups with main L and R routing switches
- 2 stereo aux returns with effect to monitor level control
- Solo feature on each input and output
- XLR connectors available on main L / R output
- Built-in switching power supply with universal connector, 100-240VAC, 50/60Hz
- Rack-mounting kit included

AM 844D

8 Mic/Line 4 Stereo 4 Groups 100+Tap EFX Mixer

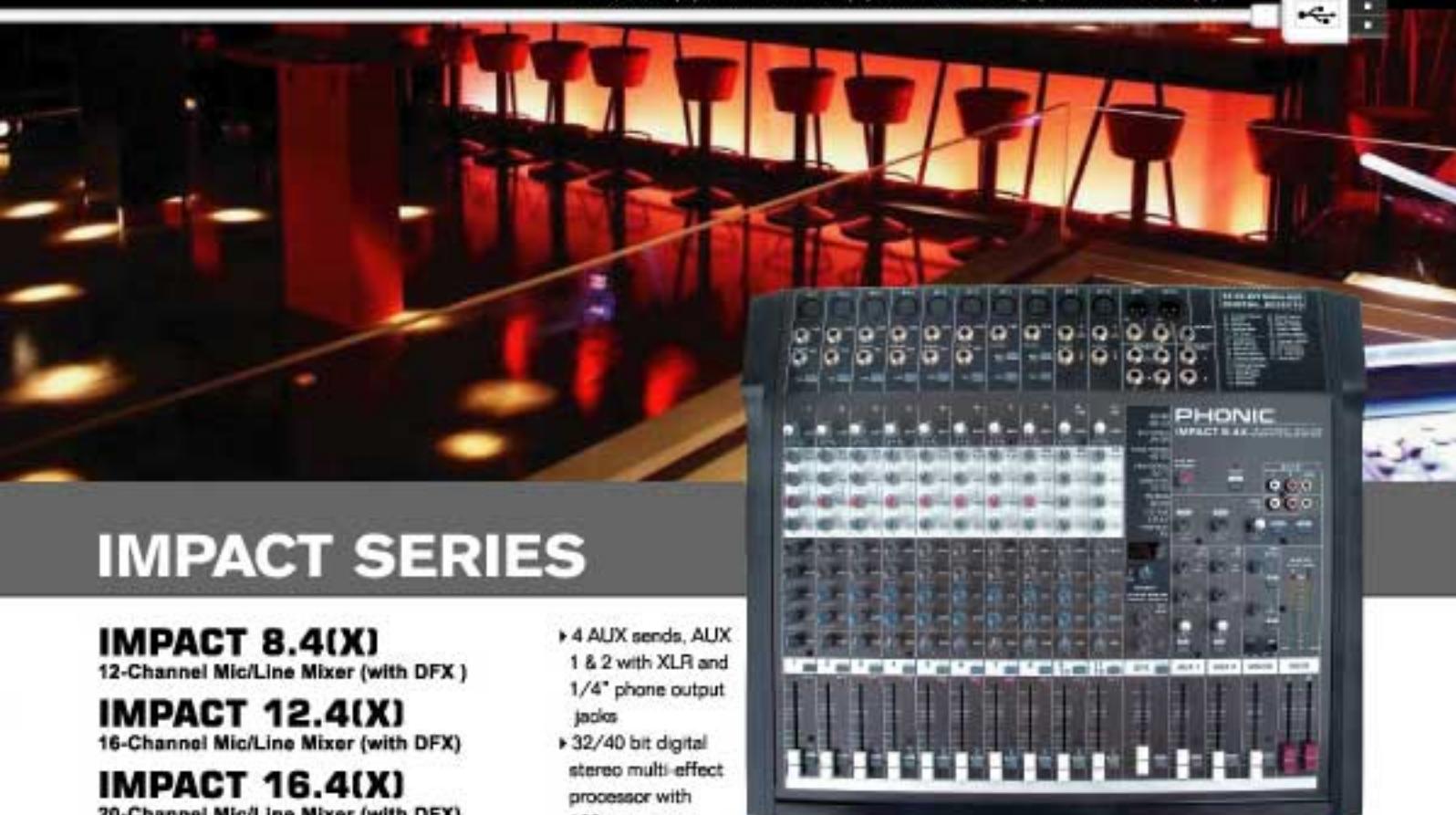
Rack-mounting
kit included

- Audiophile-Quality & ultra low noise
- 8 Mic/Line channels with inserts and phantom power
- 4 stereo channels with 4-band EQ
- 4 true subgroups with main L and R routing switches and double-bused outs
- Direct outputs for multi-track recording
- 3-band EQ with swept mid-range plus low cut on each mono channel
- 18dB/oct, 75Hz low cut filter on each mic channels
- 4 aux sends, aux 1 & 2 with Pre/Post switch
- 32/40-bit digital stereo effect processor with 100 programs + Tap delay plus foot switch
- 4 stereo aux returns, 2 with effect to monitor
- Headphones, control room monitors and solo level control
- Control Room and Phones outputs with multi-input source matrix
- Built-in switching power supply with universal connector, 100-240VAC, 50/60Hz
- Rack-mounting kit included



	AM 120	AM 220	AM 240	AM 440	AM 532	AM 240D	AM 440D	AM 442D	AM 642D	AM 844D	
Total Inputs	5	8	10	12	15	10	12	17	18	24	Mic
	1	2	2	4	5	2	4	4	6	8	Line
	1	2	2	4	5	2	4	5	6	8	Stereo*
Outputs	3	5	5	5	5	5	5	9	10	15	1/4" TRS
	-	-	-	-	-	-	-	2	2	2	XLR
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Stereo RCA
Channel EQ	2-band			3-band			3-band with swept MID				
Level Meter		2 x 4-pt		2 x 13-pt		2 x 4-pt		2 x 12-pt			
DFX	-	-	-	-	-		100 + Tap delay				
Dimensions (W x H x D)	150 x 51 x 244 mm (5.9" x 2" x 9.6")	190 x 56 x 233 mm (7.5" x 2.2" x 9.2")	190 x 56 x 233 mm (7.5" x 2.2" x 9.2")	242 x 55 x 255 mm (9.5" x 2.2" x 9.9")	320 x 59 x 333 mm (12.0" x 2.3" x 13.1")	190 x 56 x 233 mm (7.5" x 2.2" x 9.2")	242 x 55 x 255 mm (9.5" x 2.2" x 9.9")	300 x 89 x 340 mm (11.8" x 3.5" x 13.3")	407 x 89 x 357 mm (16.0" x 3.5" x 14")	418 x 140 x 438 mm (16.5" x 5.5" x 17.2")	
Weight	1.1 kg (2.4 lbs)	1.5 kg (3.3 lbs)	1.5 kg (3.3 lbs)	1.7 kg (3.8 lbs)	4.5 kg (9.9 lbs)	1.5 kg (3.3 lbs)	1.7 kg (3.8 lbs)	4.2 kg (9.3 lbs)	4.8 kg (10.6 lbs)	5.9 kg (13 lbs)	

*AUX inputs included.



IMPACT SERIES

IMPACT 8.4(X)

12-Channel Mic/Line Mixer (with DFX)

IMPACT 12.4(X)

16-Channel Mic/Line Mixer (with DFX)

IMPACT 16.4(X)

20-Channel Mic/Line Mixer (with DFX)

IMPACT 24.4(X)

28-Channel Mic/Line Mixer (with DFX)

- ▶ Audiophile quality & ultra low noise
- ▶ Multiple low-noise mic preamps
- ▶ Mono channels have 3-band EQ with swept mid-range, 75Hz (18 dB/octave) low-cut filter, inserts and phantom power
- ▶ Two stereo channels with 4-band EQ

- ▶ 4 AUX sends, AUX 1 & 2 with XLR and 1/4" phone output jacks
- ▶ 32/40 bit digital stereo multi-effect processor with 100 programs, tap control and foot switch jacks (X models only)
- ▶ 2 stereo AUX returns with effect to monitor
- ▶ Low cut on each mono channel
- ▶ 2 PAD control on all 8 mono channels
- ▶ Main Stereo and Mono output with XLR and 1/4" phone jacks
- ▶ Mono output with variable low pass filter for subwoofer
- ▶ Tape input can be routed to AUX 1 and AUX 2
- ▶ Mini stereo I/O for MD, MP3 player/recorder
- ▶ Built-in switching power supply with universal connector, 100-240VAC 50/60Hz



	IMPACT 8.4(X)	IMPACT 12.4(X)	IMPACT 16.4(X)	IMPACT 24.4(X)	
Total Inputs	12	16	20	28	
	8	12	16	24	
	8	12	16	24	
	4	4	4	4	
	✓	✓	✓	✓	
	✓	✓	✓	✓	
	✓	✓	✓	✓	
Outputs	3	3	3	3	1/4" TRS
	✓	✓	✓	✓	XLR
	✓	✓	✓	✓	Phones
	✓	✓	✓	✓	Stereo RCA
	✓	✓	✓	✓	Mini Stereo
Channel EQ	3-band with swept mid				
Level Meter	2 x 12-pt				
DFX	100 program (X models only)				
Dimensions (H x W x D)	510 x 112 x 437 mm (20" x 4.4" x 17.2")	642 x 112 x 437 mm (25.3" x 4.4" x 17.2")	774 x 112 x 437 mm (30.5" x 4.4" x 17.2")	1038 x 112 x 437 mm (40.6" x 4.4" x 17.2")	
Weight	7.2 kg (15.9 lbs)	8.7 kg (19.1 lbs)	10.5 kg (23.1 lbs)	13.5 kg (29.7 lbs)	



ZX SERIES . POWERPOD MIXERS

ZX2 / ZX4 / PM801

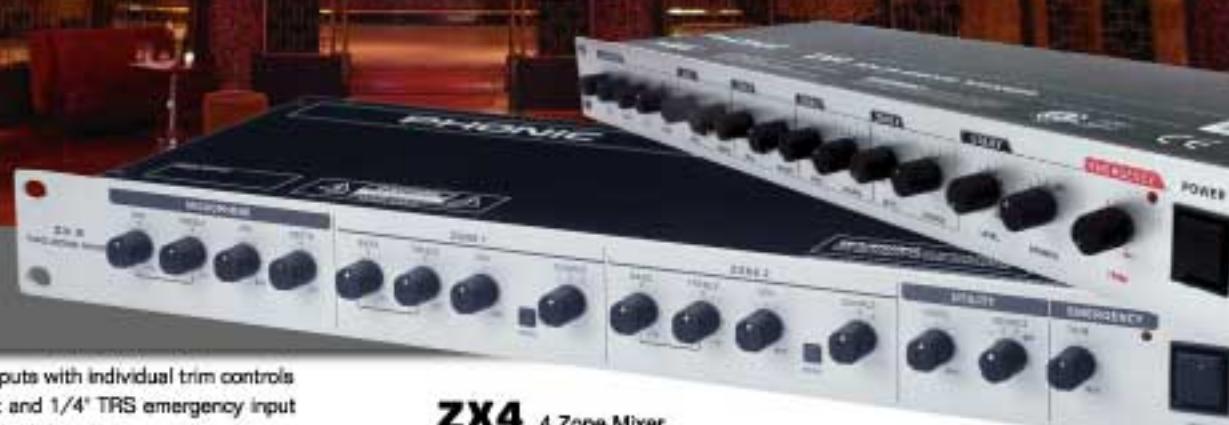
ZX SERIES

Phonic's ZX zone mixers are ideal for use in all manner of installations, from hotels and convention centers to theatres, restaurants and retail outlets. They offer three stereo inputs, a paging/mic input (with ducking depth control) and an emergency input. With up to four zone outputs provide maximum zone separation, these mixers are a must have for your zone mixing requirements.

ZX2

2 Zone Mixer

- ▶ Three stereo RCA line inputs with individual trim controls
- ▶ Paging microphone input and 1/4" TRS emergency input for emergency message broadcasting
- ▶ Two stereo zone outputs with independent source select switches and level controls
- ▶ Subwoofer output on each zone
- ▶ High and low EQ controls on each zone
- ▶ Microphone ducking depth and EQ controls
- ▶ Utility output provides audio to general utility areas (foyers, restrooms, etc.)
- ▶ Utility output source selectable
- ▶ Stereo/Mono switch on zone 1 and 2
- ▶ Remote level controls can be wired to the two zones for applications requiring remote adjustment of audio levels



ZX4

4 Zone Mixer

- ▶ Three stereo RCA line inputs with individual trim controls
- ▶ Paging microphone input and 1/4" TRS emergency input for emergency message broadcasting
- ▶ Four stereo zone outputs with independent source select switches and level controls
- ▶ Microphone ducking depth and EQ controls
- ▶ Utility output provides audio to general utility areas (foyers, restrooms, etc.)
- ▶ Utility output source selectable
- ▶ Stereo/Mono switch on zone 1 and 2
- ▶ Remote level controls can be wired to the four zones for applications requiring remote adjustment of audio levels



	ZX2	ZX4	
Inputs	1	1	Microphone
	3	3	Stereo RCA
	✓	✓	Emergency Audio
Outputs	2	4	Zones
	✓	✓	Utility
	7	8	1/4" Jacks
Level Controls	✓	✓	
Zone EQ	2-band	N/A	
Microphone EQ	2-band	2-band	
Mic Depth Control	✓	✓	
Source Selection	✓	✓	
Source Link	✓	✓	
Size (rack spaces)	1 unit	1 unit	
Weight	2.5 kg (5.5 lbs)	2.5 kg (5.5 lbs)	

	PM 801	
Total Inputs	8	
	8	Mic
	8	Line
	✓	RCA
Outputs	✓	1/4"
	✓	RCA
Channel EQ	Tone Control	
Indicators	Channel Clip	
Size (rack spaces)	1 unit	

PM 801

Single Rack Unit 8-Channel Mixer with Tone Control

- ▶ 8 balanced Mic/Line inputs
- ▶ Ultra low noise pre-amp circuitry offering up to 62 dB gain (Mic In)
- ▶ EQ and Direct Out features
- ▶ Mute control, Clip Indicator, and Tone control on each channel
- ▶ Pre-fader Out and AUX Bus In for connecting additional units to maximize the application flexibility
- ▶ +48V phantom power on every channel
- ▶ Built-in power supply - no wall wart!

**KA920**

460W Karaoke Powered Mixer

The KA920 is the most powerful karaoke mixing amplifier in its class with up to 460 watts of power per channel. Up to six microphones can be used at one time, letting you and your friends sing karaoke like never before. Each Mic input has a full 3-band EQ, echo effect and gain control. Switch between up to four music and video sources at the touch of a button on the unit or via remote control. Two A/V outputs are also provided for routing to monitors and other devices. An on-board 24-bit DSP provides reverb and echo effect for superior vocal enhancement and a 9-step digital key controller changes the key of the music without changing the tempo. The KA920 can be rack mounted and is excellent for use by touring groups, on stage, in schools, resorts, large conference halls and parks.

- ▶ 2 x 460W @ 4 ohms
- ▶ 2 x 300W @ 8 ohms
- ▶ 32/40-Bit DSP reverb and professional digital echo for superior vocal enhancement
- ▶ +/- 8-Step Digital Key Controller changes the key of the music without changing the tempo
- ▶ On-board video switching with four sets of A/V Inputs, two audio outputs and two video outputs
- ▶ Gain and Echo Send control on each microphone input
- ▶ Ch 1-4 Mic inputs each with individual 3-band EQ
- ▶ One AUX output and one stereo AUX input
- ▶ 3-band EQ on music input
- ▶ Balance control on master Music and Mic sections
- ▶ High, Mid, Low controls on Music source input
- ▶ Individual Master Microphone and Music volume controls
- ▶ Multi-functional remote control
- ▶ Switching-mode power supply
- ▶ 3 RU rack mountable

**POWERPOD 1860 *PLUS***

800W 12-Ch Powered Mixer w Graphic EQ, DFX

- ▶ 400W + 400W / 4 Ohms stereo power amplifier (bridgeable and patchable)
- ▶ DFX, our 32/40-bit digital multi-effect processor with 100 programs plus tap control, test tone generator and foot switch on/off jack
- ▶ 8 balanced Mic inputs with inserts
- ▶ Total of 12 Line inputs
- ▶ Two stereo Line input channels capable of accepting RCA/Phone inputs
- ▶ 3-band channel EQ
- ▶ Stereo 7-band graphic EQ
- ▶ Four AUX sends (AUX 1/2 are pre-fader and EFX 1/2 are post-fader)
- ▶ Two stereo AUX returns, each can be routed to AUX 1 & 2 sends (effect to monitor)
- ▶ Stereo RCA I/O for CD/TAPE external sources
- ▶ Grouped +48V real phantom power for broader application
- ▶ Mono output for extra zone filling or as subwoofer processing source
- ▶ PFL on each input and AFL on each output
- ▶ Standby switch to mute Ch1 – Ch12 for playing music between sets
- ▶ Zone 2 output for side fill or another PA system
- ▶ Headphone/control room output with rotary level control
- ▶ One professional Speakon-type jack and two 1/4" jacks per channel for speaker connection
- ▶ Rugged metal main chassis with integrated handle
- ▶ Less weight achieved by high-efficiency switching power supply
- ▶ Molded protective cover prevents scratching or damage to mixer
- ▶ Mains power switchable between 115 VAC and 230 VAC



POWERPOD MIXERS

POWERPOD K-12 PLUS / POWERPOD K-16 PLUS / POWERPOD 865 PLUS / POWERPOD 885 PLUS

POWERPOD K-12 **PLUS**

1000W 12-Ch Powered Mixer with Graphic EQ, Dual DFX



- ▶ 500W + 500W / 4 Ohms stereo power amplifier (bridgeable and patchable)
- ▶ Dual DFX, our 24/32-bit digital multi-effect processor with 100 programs with tap delay and test-tones
- ▶ 8 balanced Mic inputs (8 with inserts)
- ▶ 12 Line inputs
- ▶ Two stereo input channels with 1/4" and RCA inputs
- ▶ 3-band channel EQ with swept mid-range
- ▶ Stereo 7-band graphic EQ
- ▶ Four AUX sends (AUX 2 can be set to pre- or post-fader)
- ▶ Two stereo returns - each can be routed to AUX 1 & 2 sends (effect to monitor)

- ▶ +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
- ▶ Standby switch for playing music between sets
- ▶ Zone 2 output for side fill or another PA system
- ▶ Headphone output with separate rotary level control
- ▶ One Speakon-type connector and two 1/4" phone jacks per channel for speaker connection
- ▶ Molded protective cover prevents scratching or damage to mixer
- ▶ Rugged metal main chassis with integrated handle
- ▶ Low weight achieved by high-efficiency switching power supply

POWERPOD K-16 **PLUS**

1000W 16-Channel Powered Mixer with Graphic EQ and Dual DFX

- ▶ 500W + 500W / 4 Ohms stereo power amplifier (bridgeable and patchable)
- ▶ Dual DFX, our 24/32-bit digital multi-effect processor with 100 programs, tap delay and test-tones
- ▶ 14 balanced Mic inputs (12 with inserts)
- ▶ 16 Line inputs
- ▶ Two stereo Line input channels
- ▶ 3-band channel EQ with swept mid-range
- ▶ Stereo 7-band graphic EQ with feedback detection system
- ▶ Four AUX sends (AUX 2 can be set to pre- or post-fader)
- ▶ Two stereo returns - each can be routed to AUX 1 & 2 sends (effect to monitor)
- ▶ +48V individual phantom power switches
- ▶ Vocal eliminator for karaoke application
- ▶ sPs for smoother high frequencies and enhanced low-end output on speakers
- ▶ Mono output with variable low pass filter from 60 Hz up to 160 Hz
- ▶ PFL on each input and AFL on each output
- ▶ Standby switch for playing music between sets
- ▶ Zone 2 output for side fill or another PA system
- ▶ Headphone output with separate rotary level control
- ▶ One Speakon-type connector and two 1/4" phone jacks per channel for speaker connection
- ▶ Molded protective cover prevents scratching or damage to mixer
- ▶ Rugged metal main chassis with integrated handle



POWERPOD 865 **PLUS**

600W 8-Channel Molded Powered Mixer with Graphic EQ and DFX



POWERPOD 885 **PLUS**

800W 8-Channel Molded Powered Mixer with Graphic EQ and DFX



UM SERIES



UM-R11



HT-100

UM31



UM-R11



BT-200



ML-10

UM41



UM-R11



BT-200



MH-20

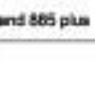
UM51



UM-R11



BT-200



MH-20

For use with the Powerpod 865 and 885 plus



POWERPOD 410

100W 4-Channel Powered Mixer with Variable Delay

- ▶ 100W output power
- ▶ 4 Mic/line channels
- ▶ Variable digital delay with time and repeat control
- ▶ Amplifier power assignable with additional 1/4" stereo jack
- ▶ Super musical 2-band EQ on mono channels



POWERPOD 620 *PLUS*

200W 6-Channel Powered Mixer w/ DFX, Variable Delay

- ▶ 100W + 100W / 4 Ohms stereo power amplifier for Main L/R or Main/Monitor (Bridge mono, 200W / 8 Ohms)
- ▶ 32/40 bit digital multi-effect processor with 100 programs plus foot switch jack
- ▶ Six balanced Mic inputs
- ▶ 8 Line inputs
- ▶ Two Super Hi-Z inputs optimized for direct instrument input
- ▶ 2-band channel EQ
- ▶ 7-band graphic EQ
- ▶ Pad control on channels 1-4
- ▶ AUX input
- ▶ Stereo RCA I/O
- ▶ +48V phantom power
- ▶ Built-in limiters
- ▶ Monitor and effect sends on each input channel
- ▶ Drive level / Effect out master control to the input of built-in effect processor
- ▶ Wooden box with Vinyl leather plus steel corner protection

POWERPOD 740 *PLUS*

440W 7-Channel Powered Mixer with DFX

- ▶ 220W + 220W / 4 ohm stereo power amplifier for Main L/R or Main/Monitor (Bridge mono, 440W / 8 ohm)
- ▶ 32/40 bit digital multi-effect processor with 100 programs plus foot switch jack
- ▶ Seven balanced Mic inputs
- ▶ 10 Line inputs
- ▶ Two super Hi-Z inputs optimized for direct instrument input
- ▶ 3-band channel EQ
- ▶ Dual 7-band graphic equalizers with In/Out switches for Main L/R or Main/Monitor
- ▶ Pad control on channels 1-4
- ▶ One AUX input
- ▶ Monitor and effect sends on each input channel
- ▶ +48V phantom power
- ▶ Two built-in limiters
- ▶ Rec out with trim control for record level matching
- ▶ Mains power switchable between 115 VAC and 230 VAC

POWERPOD 1062 *PLUS*

750W 9-Channel Powered Mixer with DFX

- ▶ 375W / 4 Ohms stereo power amplifier for Main L/R or Mono/Monitor (Bridge mono, 750W / 8 Ohms)
- ▶ DFX, our 32/40-bit digital multi-effect processor with 100 programs plus tap delay and test tones
- ▶ 9 balanced Mic Inputs
- ▶ 12 Line inputs
- ▶ Two super Hi-Z inputs optimized for direct instrument inputs
- ▶ 3-band channel EQ
- ▶ Dual 8-band graphic equalizers with In/out switches for Main L/R and Monitor or Main L/R

- ▶ Rumble filters for channels 1-6
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ +48V phantom power
- ▶ Two built-in limiters
- ▶ Rec out with trim control for record level matching
- ▶ Mains power switchable between 115 VAC and 230 VAC



SOUND AMBASSADOR DELUXE

SOUND AMBASSADOR 35 DELUXE / SOUND AMBASSADOR 75 DELUXE



SOUND AMBASSADOR

SOUND AMBASSADOR 75 DELUXE

75 Watt Mobile Sound System

- ▶ Portable sound system with wheels and retractable handle
- ▶ Optional wireless microphones (UHF), anti-shock CD player / MP3 Player/Recorder with Built-in Memory and SD Card Slot, and audio cassette recorder
- ▶ 100 - 240VAC operating power supply
- ▶ 12VDC battery system (75 Watts @ 4Ah)
- ▶ Built-in DC charging circuit
- ▶ 24 VDC supply from two built-in, maintenance-free lead acid type rechargeable batteries
- ▶ One XLR and one 1/4" phone jack for wired microphone input
- ▶ 1/4" phone jack and mini-stereo jacks for line-level input and output
- ▶ Built-in limiter and protection circuitry to minimize distortion and overload
- ▶ Individual volume control for wired and wireless microphones
- ▶ Master volume control
- ▶ Switched and unswitched speaker output jacks
- ▶ Tripod stand adapter included
- ▶ Compatible with the Phonic S1 and S2 speaker mounts

SOUND AMBASSADOR 35 DELUXE

35 Watt Mobile Sound System



- ▶ All-in-one compact mobile wireless sound system
- ▶ 6.5" full range speaker and 35 watts power amplifier built-in
- ▶ Optional UHF or Infrared wireless microphones
- ▶ Optional CD player with anti-shock or MP3 Player/Recorder with Built-In Memory and SD Card Slot
- ▶ Built-in DC charging circuit
- ▶ 12 VDC supply from built-in, maintenance-free lead acid type rechargeable batteries, 2.7Ah
- ▶ DC inlet for external power supply
- ▶ Slot for choice of two UHF PLL synthesized diversity or Infrared wireless receiver modules
- ▶ Built-in diversity receiving antennas
- ▶ One 1/4" phone jack for wired microphone input
- ▶ 1/4" phone jack jacks for line-level input and output
- ▶ Built-in limiter and protection circuitry to minimize distortion and overload
- ▶ Individual volume control for wired and wireless microphones
- ▶ Echo effect with level and time/repeat controls
- ▶ 25mm diameter tripod stand adapter included
- ▶ Compatible with the Phonic S3 tripod speaker stand

Optional Accessories:

- ▶ UM30: Wireless UHF Handheld Microphone System
- ▶ UM40: Wireless UHF Lavalier Microphone System
- ▶ UM50: Wireless UHF Headset Microphone System
- ▶ Infrared wireless mic
- ▶ CD Player
- ▶ MP3 Player/Recorder with Built-In Memory and SD Card Slot



The Sound Ambassador and Sound Ambassador Deluxe are totally mobile, self-contained sound systems. Both units come packed with a 10" speaker with tweeter, all powered by a built-in amplifier. Deluxe models feature rechargeable batteries and can be customized to include an anti-shock CD player, MP3 recorder, audio cassette player/recorder and up to 2 UHF wireless microphones. XLR and 1/4" inputs are included, as well as line inputs and speaker outputs used to share the internal amplifier of the Sound Ambassador. All models are topped off with 2-band equalizers, master volume controls and built-in limiters with protection circuitry. All of these features combine to make the Sound Ambassador a must-have for traveling presenters and small conferences, as well as schools, touring bands, clubs and karaoke.



EXPAND YOUR SOUND AMBASSADOR WITH:

SOUND AMBASSADOR 80P

Expandable 10" 2-way passive speaker for SA75D with 75 watts power handling

SOUND AMBASSADOR 80A

Expandable 10" 2-way active speaker for SA75D with 50 watts power amp

	35 Deluxe	75 Deluxe	
Power Amp	35W	75W	
Frequency Response	60 Hz - 20 kHz	50 Hz - 20 kHz	
Woofer	6.5" full range	10"	
Tweeter	-	1"	
Inputs	2	2	1/4"
	-	✓	XLR
	-	✓	Mini-stereo
Outputs	✓	✓	Line Out
	-	2	Speaker Out
	-	✓	Mini-stereo
System Tone Control	✓	✓	
Internal Battery	1	2	
Optional Accessories	2	2	Wireless Mic
	✓	✓	CD Player
	✓	✓	MP3 Recorder
	-	✓	Tape Recorder
Dimensions (H x W x D)	331 x 230 x 244 mm (13" x 9" x 9.6")	612 x 300 x 350 mm (24" x 11.8" x 13.8")	
Net Weight	5.5 kg (12.1 lbs)	19.5 kg (43 lbs)	



SOUND AMBASSADOR . ROADGEAR

SOUND AMBASSADOR 75 / SOUND AMBASSADOR 120

SOUND AMBASSADOR

SOUND AMBASSADOR 120



PHONIC

P
PHONIC

- All-in-one mixer, power amplifier and speaker mobile sound unit
- Flexible, stackable configuration (tripod, wall-mount)
- Optional DC operation and external battery
- Switching power supply (AC 100 - 120V / 200 - 240V, 50/60Hz, two-band switch)
- Built-in mixer with independent high/low EQ for each input channel
- 2-way speaker with 10" woofer and 1" tweeter
- Built-in amp thermal protector, red LED peak indicator
- Additional speakers available
- Molded plastic enclosure can be used as floor monitor or FOH speaker
- Compatible with the Phonic S1 and S2 speaker mounts

SOUND AMBASSADOR 75

All-In-One Mobile PA (Mixer, 75 Watt Amplifier, 10" Speaker)

SOUND AMBASSADOR 120

All-In-One Mobile PA (Mixer, 120 Watt Amplifier, 10" Speaker)

	75	120	
Output RMS	75W	120W	
Frequency Response	50 Hz - 20 kHz	50 Hz - 20 kHz	
Woofer	10"	10"	
Tweeter	1"	1"	
Inputs	4	4	1/4"
	3	3	XLR
Outputs	√	√	Line Out
	√	√	Speaker Out
RCA	1	1	
Channel Tone Control	√	√	
Optional Accessories	2	2	Wireless Mic
Dimensions (H x W x D)	612 x 300 x 350 mm (24" x 11.8" x 13.8")	612 x 300 x 350 mm (24" x 11.8" x 13.8")	
Net Weight	13.5 kg (30 lbs)	15.5 kg (34 lbs)	



Road Gear

PHONIC

The RoadGear Series is a totally hassle-free mobile sound solution. The RoadGear 160 Plus and 260 Plus are self-sufficient systems featuring 2-way 8" speakers, a 5- or 8-channel powered mixer, a dynamic microphone (two with the 260) and all the necessary cables. The road-worthy, high-impact modular polymer construction in a wheelbase, luggage-style cabinet makes RoadGear the ideal mobile sound solution for live performers, schools, churches, conferences, special events, and anywhere that calls for a quick, five minute setup.

ROADGEAR 160 **PLUS**

160 Watt Mobile Sound System

ROADGEAR 260 **PLUS**

260 Watt Mobile Sound System



	RoadGear 160 plus	RoadGear 260 plus	
Speakers	8"	Woofer	
	1" Driver	Tweeter	
Output Power	80W + 80W	130W + 130W	8Ω
Low/Hight Crossover Point		2 kHz	
Inputs	3	4	XLR
	3	4	1/4"
	2	3	1/4" Stereo
	1	1	Stereo RCA
Speaker Outputs	2	4	1/4"
System EQ	Treble or Bass	3-band	
Minimum Impedance (Power Amp)	8Ω	4Ω	
Amp Mode	L & R or MAIN & MONITOR		
DFX	Echo	16 & Tap Delay	
Phantom Power	-	✓	
Expansion Slots	2	2	
Included Accessories	1	2	Mic
	✓	✓	Cables & Dust Cover
Dimensions (H x W x D)	818 x 635 x 352 mm (32.2" x 25" x 13.86")	818 x 635 x 352 mm (32.2" x 25" x 13.86")	
Net weight	28 kg (62 lbs)	32 kg (71 lbs)	

- ▶ Luxury luggage-style molded cabinet with wheels
- ▶ 160W / 260W (80W/130W per channel) stereo power amplifier
- ▶ 5- or 8-channel powered mixer (four mic/line, two stereo on the 260, three mic/line, one stereo on the 160)
- ▶ Speaker system with 1" driver and 8" woofer
- ▶ Echo effect with time and repeat controls (RoadGear 160 Plus)
- ▶ DFX, our 40-bit digital multi-effect processor with 16 programs plus tap delay and foot switch jack (RoadGear 260 Plus only)
- ▶ 2-band EQ on each input channel

- ▶ System bass/treble control (RoadGear 160 Plus)
- ▶ 3-band system equalizer (RoadGear 260 Plus)
- ▶ Stereo AUX return
- ▶ Speaker output with send and return (RoadGear 260 Plus only)
- ▶ A dynamic microphone with mic clip, cable and carry pouch (RoadGear 160 Plus)
- ▶ Two dynamic microphones with mic clips, cables and carry pouch (RoadGear 260 Plus)
- ▶ Two 30 ft speaker cables
- ▶ Storage compartment for microphones, cables and accessories
- ▶ Operates on AC or DC power
- ▶ Two Wireless mic receiver slots

Optional Accessories:

- ▶ Wireless UHF handheld, head-set and lavaliere microphones (UM31, UM41, UM51, respectively)
- ▶ Speaker stands and mounts (MK1-RG, MK2-RG, SK1, SK2)
- ▶ RoadGear travel bag (TB-RG)
- ▶ Portable battery pack (BP-RG)
- ▶ DC power converter (CV-RG)



XP SERIES

Built around robust and advanced toroidal transformers, Phonic XP Series power amplifiers deliver clean power on demand. The advanced protection circuitry guards against short circuit and open circuit, and also protects against ultrasonic and RF interference. A dual mono, high current power supply increases reliability and performance, and the variable speed fans effectively cool the amp with rear to front air flow and protect against overheating. The XP 2100, 3100 and 5100 power amps have sub woofer outputs with variable low-pass filter, selectable at 60, 90 or 120 Hz. Phonic XP Power Amplifiers are specially designed for professionals who value high power, audio clarity, reliability and lasting performance.



XP 1000 1120W Power Amp

XP 2000 1920W Power Amp

XP 2100 1920W Power Amp with Subwoofer

XP 3000 2800W Power Amp

XP 3100 2800W Power Amp with Subwoofer

XP 5000 5000W Power Amp

XP 5100 5000W Power Amp with Subwoofer

- Independent user-defeatable clip limiters reduce distortion
- Balanced 1/4" TRS and XLR inputs; binding posts and Speakon®-type outputs (barrier strip inputs on 5000 and 5100)
- Selectable stereo, parallel & bridge mono amp modes
- Signal level LED Indicators at -40, -20, -10, Protect and Clip to monitor performance
- Front mounted detent gain controls for easy access
- Fast recovery design for lower distortion if clipping occurs
- Advanced protection circuitry guards against: short circuit, open circuit, thermal, ultrasonic, and RF protection, stable into mismatched loads, on/off muting, DC fault output crowbar
- Ground lift switch to prevent hum
- Two variable speed fans (one on 5000 and 5100)
- Rugged housing

	XP 1000	XP 2000	XP 2100	XP 3000	XP 3100	XP 5000	XP 5100	
Continuous Power Output	580W + 580W	980W + 980W	980W + 980W	1400W + 1400W	1400W + 1400W	2500W + 2500W	2500W + 2500W	2.0stereo
	1120W	1920W	1920W	2800W	2800W	5000W	5000W	4.0bridge
Inputs	√	√	√	√	√	√	√	XLR
	√	√	√	√	√	√	√	1/4"
	+	+	+	+	+	+	+	Barrier Strip
Outputs	√	√	√	√	√	√	√	Binding Posts
	√	√	√	√	√	√	√	Speakon®-type
	+	+	+	+	+	+	+	XLR
Subwoofer Output	+	+	+	+	+	+	+	
Frequency Response	20 Hz - 20 kHz, 0/-1 dB; -3 dB points: 5 Hz - 100 kHz							
Gain	40 x (32 dB)							
High Pass Filter (30Hz, 50Hz)	√	√	√	√	√	√	√	
Low Pass Filter (60Hz, 90Hz, 120Hz)	+	+	√	+	√	+	√	
Input Impedance	20 kΩ/balanced, 10 kΩ/unbalanced							
Damping Factor @ 8	>2000	>500	>500	>500	>500	>500	>500	
Size (rack space units)	2	3	3	3	3	3	3	
Weight	17.5 kg (38.5 lbs)	21.8 kg (48 lbs)	21.8 kg (48 lbs)	24.2 kg (53.3 lbs)	24.2 kg (53.3 lbs)	28.2 kg (62 lbs)	28.2 kg (62 lbs)	

ICON SERIES

Icon Series power amplifiers are designed with the needs of sound contractors in mind. The binding post outputs allow for connection to standard low impedance speakers. Barrier strip outputs enable 25V, 70V and 100V Line operation. Each amplifier channel has a separate toroidal secondary transformer that provides full electrical isolation and ensures maximum audio separation. Features like power up muting, full short-circuit protection, DC offset protection and a built-in 45 Hz subsonic filter, combine to make the Icon Series an attractive, cost effective solution for any audio installation.

	ICON 300	ICON 700	
Output Power	300W + 300W	550W + 550W	2Ω stereo
	200W + 200W	400W + 400W	4Ω stereo
	540W	1100W	4Ω bridge
Constant Voltage Output	150W + 150W	350W + 350W	100V or 70V
	120W + 120W	280W + 280W	25V
Frequency Response	50 Hz - 50 kHz		
Inputs	√	√	Barrier Strip
	√	√	XLR
Outputs	√	√	Barrier Strip
	√	√	Thermal
Protection	√	√	Short Circuit
	√	√	DC Offset
	√	√	
Size (Rack Space Units)	2	2	
Weight	20.2 kg (44.5 lbs)	24.3 kg (53.5 lbs)	

ICON 300

300W Contractor Amp

- Automatic dual-speed, high-efficiency cooling fan
- Rear panel detented gain controls
- Stereo, bridge, or parallel operating modes
- XLR inputs/outputs for easy signal pass through in multi-amp setups
- Full short-circuit, temperature and DC offset protection
- Barrier strip connection determines output mode - 25V, 70V, 100V and low impedance outputs available simultaneously
- Toroidal output transformers provide full electrical isolation and meet worldwide safety standards
- Built-in 45 Hz subsonic filter prevents speaker transformer saturation with minimal effect on program material
- Power-up muting

ICON 700

700W Contractor Amp



MAX SERIES

- Ultra-low total harmonic distortion
- High damping factor provides exceptional loudspeaker motion control
- Detented level controls for precise repeatability
- Short circuit, thermal, subsonic, RF protection, output DC offset, over-heat protection
- Power on/off muting
- Performance monitoring tools: Signal, CLIP, Peak Indicators
- Class H high efficiency circuitry design
- Convection cooling system dissipates heat through the heat sinks and chassis for optimal cooling and maintenance-free operation
- High-current toroidal transformers for greater power and low noise
- Independent user-defeatable peak limiters reduce distortion
- Selectable High-Pass Filter at 30 Hz or 50 Hz
- Front mounted gain controls for easy access

MAX 250

160W Power Amp

MAX 500

240W Power Amp

MAX 860

600W Power Amp

MAX 1500

900W Power Amp

MAX 2500

1500W Power Amp



	MAX 250	MAX 500	MAX 860	MAX 1500	MAX 2500	
Continuous Power Output	80W + 80W	120W + 120W	300W + 300W	450W + 450W	750W + 750W	4Ω stereo
	60W + 60W	90W + 90W	200W + 200W	280W + 280W	500W + 500W	8Ω stereo
	-	-	600W	900W	1500W	8Ω bridge
Inputs	√	√	√	√	√	XLR
	√	√	√	√	√	1/4" Jacks
Outputs	-	-	√	√	√	SpeakerB® type
	√	√	√	√	√	Binding Posts
Frequency Response	20 Hz - 20 kHz, +0/-1 dB					
Input Impedance	20 kΩ balanced, 10 kΩ unbalanced					
Protection	Short circuit, thermal, subsonic, RF protection, output DC offset, power on/off muting					
Gain	41 x (30 dB)	41 x (30 dB)	32 x (30 dB)	40 x (32 dB)	50 x (34 dB)	
Size (Rack Space Units)	1	1	2	2	2	
Net Weight	6.7kg (14.8 lbs)	7.85kg (17.3 lbs)	15kg (33 lbs)	16kg (35.2 lbs)	18kg (39.6 lbs)	





PERFORMER SERIES

PERFORMER A230 / PERFORMER A520 / PERFORMER A540 / WIRELESS ACCESSORIES

PERFORMER SERIES

The Performer Active Speakers are the world's first wireless professional audio speakers. The Performer Speakers are able to wirelessly communicate with your mixer through Phonic's WM series of wireless transmitters and receivers. For a completely wireless set up, they can also be used with Phonic's versatile UM wireless microphones.

PERFORMER A230

Wireless 12" 275W Active Speaker

PERFORMER A520

Wireless 15" 160W Active Speaker

PERFORMER A540

Wireless 15" 400W Active Speaker

- ▶ Lightweight speaker cabinet with dynamic sound
- ▶ Switchable Mic/Line balanced input
- ▶ Low cut filter: 75 Hz (18 dB/octave)
- ▶ Contour switch with 5 dB boost @ 80 Hz (1/3 octave) and 5 dB boost @ 10.5 kHz (1/3 octave)
- ▶ Built-in limiter for overload protection and limiter indicator
- ▶ 1" Tweeter

Optional Accessories:

- ▶ Wireless microphone systems (UM31, UM41, UM51)
- UM31: Wireless Handheld System
- UM41: Wireless Lavaliere System
- UM51: Wireless Head-set System
- ▶ Wireless transmitters & receivers (WM-SYS1, WM-SYS2)

ACTIVE MODELS

	Performer A540	Performer A520	Performer A230	
Output RMS	320W + 80W	120W + 40W	225W + 50W	
Frequency Response	50 Hz - 20 kHz	50 Hz - 20 kHz	65 Hz - 20 kHz	
Woofer	15"	15"	12"	
Tweeter	1"	1"	1"	
Inputs	√	√	√	1/4" Phone Jacks
	√	√	√	XLR
Output	√	√	√	XLR
Impedance	20kΩ balanced ; 10kΩ unbalanced			
Sensitivity	50 - 0 dB on input			
Max SPL (@ 1M)	126 dB	123 dB	126 dB	
Dimensions (HxWxD)	690 x 440 x 340 mm (27.2" x 17.3" x 13.4")			
Net Weight	21.5 kg (47.4 lbs)	19.5 kg (43 lbs)	20.5kg (45.2 lbs)	

MAKING PERFORMER SPEAKERS WIRELESS

RECEIVERS



WM40-L



WM40-R

MONO
TRANSMITTER



WM50

STEREO
TRANSMITTER



WM70

WM-SYS1: Single Channel Wireless System for the Performer Speakers
WM-SYS2: Dual Channel Wireless System for the Performer Speakers



Performer Series speakers have an attractive yet impact-resistant design. The angled molded enclosure is made of highly durable polypropylene and is designed for use as a stage monitor, stand-mounted speaker or for permanent installation. The two passive models both have a 1" tweeter with HF driver protection and come equipped with a 24 dB crossover. The Performer 535 has a 15" woofer with an output of 350 Watts RMS. The 225 has a 12" woofer with 250 Watts RMS. They have very flat frequency responses and high SPL and sensitivity rates.

- ▶ Wireless modules eliminate need to lay speaker cable - making setup faster and easier
- ▶ Wide dispersion horns give wide audience coverage for highs and lows
- ▶ Speaker protection circuitry and transducer-matched HF and LF amps drive speakers at maximum levels without burning them out
- ▶ Works in all sound reinforcement applications and as a floor monitor
- ▶ Durable, lightweight, impact-resistant plastic enclosure
- ▶ Active speaker technology means higher sound quality with lower distortion

PERFORMER 545

15" 400W Passive Speaker

PERFORMER 225

12" 250W Passive Speaker

PERFORMER A590SB



PASSIVE MODELS

	Performer 545	Performer 225	
Input RMS	400W	250W	
Frequency Response	50 Hz - 20 kHz	65 Hz - 20 kHz	
Woofer	15"	12"	
Tweeter	1"	1"	
Inputs	✓	✓	1/4" Phone Jacks
	✓	✓	XLR
Output	✓	✓	XLR
Impedance	8 Ω		
Sensitivity	100 dB @ 1W / 1m	97 dB @ 1W / 1m	
Max SPL @ 1M	129 dB	125 dB	
Dimensions (HxWxD)	690 x 440 x 340 mm (27.2" x 17.3" x 13.4")		
Net Weight	< 16.8 kg (37 lbs)	< 13.6 kg (30 lbs)	

PERFORMER A590SB

900W Active 15" Subwoofer

PERFORMER A560SB

600W Active 15" Subwoofer

PERFORMER A540SB **PLUS**

400W Active 15" Subwoofer with powered output

- ▶ Low pass filter with cut frequency selectable between 80, 100 and 120 Hz
- ▶ Built in protection circuitry
- ▶ Lightweight cabinet with dynamic sound
- ▶ Features 35 mm pole mount point

	Performer A590SB	Performer A560SB	Performer A540SB Plus	
Output (PRG)	900W	600W	400W	
Frequency Response	38 Hz - 150 Hz			
Woofer	15"	15"	15"	
Inputs	✓	✓	✓	
	✓	✓	✓	XLR
Outputs	✓	✓	✓	XLR
	-	-	✓	1/4" Phone Jacks
Crossover Frequency	80/100/120 Hz			
Sensitivity*	98 dB @ 1W / 1m	97 dB @ 1W / 1m	97 dB @ 1W / 1m	
Max SPL @ 1M	128 dB	126.5 dB	126.5 dB	
Dimensions (HxWxD)	645 x 495 x 440 mm (25.4" x 19.5" x 17.3")			
Net Weight	24 kg (52.9 lbs)	28 kg (61.7 lbs)	27 kg (59.5 lbs)	

*not confirmed



IMPRESSION SERIES

The Phonic Impression Series is a complete line of sound reinforcement speakers and subwoofers for use on stage and as floor monitors. Impression speakers include 2-way and dual 2-way stage speakers ranging in size from 12" to 15" with peak outputs of 600, 800 and 1200 watts. Subwoofers are available in sizes 15" and 18" with peak output of 1600 watts. They feature wide frequency responses and sound pressure levels between 96 - 100 dB. The built-in 35 mm stand mounts and trapezoidal enclosure construction mean you'll never be at a loss for placement of these speakers.



IMPRESSION 12

12" 2-Way FOH/Floor Monitor Speaker



IMPRESSION 15

15" 2-Way FOH/Floor Monitor Speaker

IMPRESSION 15SB

15" Subwoofer

IMPRESSION 18SB

18" Subwoofer

IMPRESSION 215

Dual 15" 2-Way Stage Speaker

- » High sound pressure level
- » Built-in 35 mm socket for pole mounting
- » 2 Speakon-type connectors and 1/4" phone jacks (IN and LINK OUT)
- » Solid steel grille protection
- » Durable die-cast handles
- » Versatile and Lightweight
- » Crossover ON/OFF switch
- » Phase-reverse switch

	IMPRESSION 12	IMPRESSION 15	IMPRESSION 215	IMPRESSION 15SB	IMPRESSION 18SB	
Power Handling (Peak)	600W	800W	1200W	1600W	1600W	
Frequency Response	55 - 20 kHz	48 - 20 kHz	40 - 20 kHz	38 - 250 Hz	33 - 250 Hz	
Sensitivity @ 1 W/1 M	96 dB	97 dB	100 dB	98 dB	99 dB	
Nominal Impedance	8Ω	8Ω	4Ω	4Ω	4Ω	
Woofer Size	12"	15"	2 x 15"	15"	18"	
Tweeter Diaphragm	1 3/4"	1 3/4"	1 3/4"	-	-	
Connectors	2	2	2	2	2	Speakon®-type
	2	2	2	2	2	1/4" Phone Jacks
Phase-reverse Switch	-	-	-	✓	✓	
Crossover On/Off Switch	-	-	-	✓	✓	
35mm Stand Socket	Bottom		-	Top		
Box	Trapezoid			Rectangular		
Dimensions (H x W x D)	600 x 380 x 340 mm (23.6" x 15" x 13.4")	660 x 465 x 370 mm (26" x 18.3" x 14.6")	1065 x 485 x 475 mm (42.7" x 19" x 18.7")	632 x 464 x 335 mm (24.9" x 18.3" x 13.2")	590 x 570 x 605 mm (23.2" x 22.5" x 23.6")	
Net Weight	16.2 kg (35.7 lbs)	19.7 kg (43.4 lbs)	38.5 kg (84.8 lbs)	26.5 kg (58.3 lbs)	43.5 kg (95.8 lbs)	



STUDIO MONITORS

Phonic Active Studio Monitors produce extremely accurate, crystal clear sound. Featuring a bi-amplified design with outputs starting at 70 Watts (program) and 140 Watts (peak). They also feature bi-colored On/Clip Indicators, built-in overload protection circuits, and incredibly flat frequency response. Use these speakers in acoustically perfect or challenging environments for consistent performance and quality every time.

- ▶ Built-in speaker response controls: High Match; Low Match; Room Compensation; Brightness
- ▶ Extremely wide sweet spot and good imaging
- ▶ 1.8 kHz, 20 dB/octave Linkwitz-Riley Filter Crossover
- ▶ Front bi-color (On/Peak) Indicator
- ▶ XLR and 1/4" Inputs
- ▶ Protection Circuit: Clip Limiter; Power Supply Filtering; Thermal and Overload Protection
- ▶ Magnetically shielded
- ▶ 3 power modes: ON / OFF / AUTO
- ▶ Heavy-grade MDF wooden cabinet

P5A

Active 5" 2-Way Studio Monitor

P6A

Active 6 1/4" 2-Way Studio Monitor

P8A

Active 8 3/4" 2-Way Studio Monitor



Not Available
in the U.S.A.



	PSA	P6A	P8A	
Connectors	1	1	1	XLR 1/4" Phone Jack
	1	1	1	
Amplifier Low	140W	140W	212W	
Amplifier High	70W	70W	108W	
Woofer Size	5"	6 1/4"	8 3/4"	
Tweeter Size	1"	1"	1"	
Nominal Impedance	8Ω			
Dimensions (H x W x D)	295 x 196 x 295 mm (11.6" x 7.7" x 11.6")	351 x 221 x 300 mm (13.8" x 8.7" x 11.8")	429 x 269 x 231 mm (16.9" x 10.6" x 9")	
Net Weight	5.6 kg (12.9 lbs)	8.2 kg (18 lbs)	10 kg (22 lbs)	



CONTRACTOR SPEAKERS . UM & WM SERIES

SE 206 / SE 207 / SEP 206 / SEP 207 / VERSATAP 30 / VERSATAP 50 / UM 30 / UM 31 / UM 40 / UM 41 / UM 60 / UM 61



CONTRACTOR SPEAKERS

SE 206

5 1/4" 2-Way Molded Speaker

SEP 207

Powered 6 1/2" 2-Way Molded Speaker

SEP 206

Powered 5 1/4" Molded Speaker

SE 207

6 1/2" 2-Way Molded Speaker

- ▶ U-mount bracket included
- ▶ Available in black or white

Optional Accessories:

- ▶ Universal Swivel Mounting Bracket
- ▶ 270° Universal Swivel Mount (RK15)

VERSATAP 30

4" 2-way Speaker with Transformer

- ▶ Power Capacity: 30W @ 8 Ohm
- ▶ Frequency Response: 120 Hz - 20 kHz
- ▶ Sensitivity: 84 dB SPL @ 1W/1M, 1 kHz
- ▶ 4" poly carbon woofer and 1" soft dome
- ▶ Transformer with 4 tap positions (2, 4, 8, 16W) and 30W (8 Ohm) bypass
- ▶ Moisture resistant aluminum enclosure available in black or white
- ▶ Lightweight and compact
- ▶ U-mount bracket included

VERSATAP 50

6" 1/2" Molded Speaker with Transformer

- ▶ Power Capacity: 50W @ 8 Ohm
- ▶ Frequency Response: 75 Hz - 20 kHz
- ▶ Sensitivity: 90 dB SPL @ 1W/1M, 1 kHz
- ▶ 6.5" poly carbon woofer and 1" soft dome
- ▶ Transformer with 4 tap positions (2.5, 5, 10, 20W) and 50W (8 Ohm) bypass
- ▶ Moisture resistant lightweight plastic enclosure
- ▶ U-mount bracket included

Optional Accessories:

- ▶ 270° Universal Swivel Mount (RK15)

UM SERIES - WIRELESS MICROPHONES

UM 30/40/50 for the Sound Ambassador Mobile Sound Systems

UM 31/41/51 for the RoadGear, Powerpod 885 and 885 Plus, and Performer Active Speakers

Wireless UHF Handheld System

UM 30

- ▶ HT-100 Handheld Transmitter
- ▶ UM-R10 Wireless Receiver Module

UM 31

- ▶ HT-100 Handheld Transmitter
- ▶ UM-R11 Wireless Receiver Module



HT-100



ML-10



BT-200

UM 41

- ▶ BT-200 Bodypack Transmitter
- ▶ ML-10 Lavalier Mic
- ▶ UM-R11 Wireless Receiver Module

UM 40

- ▶ BT-200 Bodypack Transmitter
- ▶ ML-10 Lavalier Mic
- ▶ UM-R10 Wireless Receiver Module



UM-R10

Wireless UHF Head-set System

UM 50

- ▶ BT-200 Bodypack Transmitter
- ▶ MH-20 Headset Mic
- ▶ UM-R10 Wireless Receiver Module

UM 51

- ▶ BT-200 Bodypack Transmitter
- ▶ MH-20 Headset Mic
- ▶ UM-R11 Wireless Receiver Module



UM-R11

You Switched to Wireless Phones.

Now Make Your Speaker Wireless Too!

Snap-on easy wireless kits
from Phonic. Works with your
existing mixers, speakers.



WM SERIES

WM-SYS1

Single Channel Wireless Kit
for the Phonic Performer Speakers

- ▶ WM60: single channel transmitter
- ▶ WM40-L receiver module

For Performer Active Speakers,
see page 25

WM-SYS2

Dual Channel Wireless Kit
for the Phonic Performer Speakers

- ▶ WM70 dual channel transmitter
- ▶ WM40-L left channel receiver module
- ▶ WM40-R right channel receiver module

WM-SYS3(D)

Single Channel Wireless System
For Active Speakers

- ▶ WM60 single channel transmitter
- ▶ WM400(D)-L receiver
- ▶ M6, M8, M10 screws & velcro strip for attaching to speakers
- ▶ D models also include digital features such as digital delay, EQ and high and low cut filters.

WM-SYS4(D)

Dual Channel Wireless System
For Active Speakers

- ▶ WM70 dual channel transmitter
- ▶ WM400(D)-L left channel receiver
- ▶ WM400(D)-R right channel receiver
- ▶ M6, M8, M10 screws & velcro strip for attaching to speakers
- ▶ D models also include digital features such as digital delay, EQ and high and low cut filters.

Transmitters

WM60

Single Channel Wireless Transmitter
16 selectable UHF preset channels
XLR and 1/4" phone jack inputs
Transmits over 70 meters (230 feet)



WM70

Dual Channel Wireless Transmitter
16 selectable UHF preset channels
Volume controls to avoid clipping
Combo inputs accepting 1/4" and XLR
Mono/Stereo select switch
Transmits over 70 meters (230 feet)



Receivers

WM40-L / WM40-R

Single Channel Receiver
For use with the Phonic Performer Active Speakers
16 selectable UHF preset channels



RF Frequency:
614.75 – 804.800 MHz (FCC)
614.75 – 864.800 MHz (CE)

WM400D-L / WM400D-R

Single Channel Digital Receiver
For use with any active speaker
16 selectable UHF preset channels
Built-in digital delay and EQ functions
XLR output

WM400-L / WM400-R

Single Channel Receiver
For use with any active speaker
16 selectable UHF preset channels
XLR output





**SIGNAL PROCESSORS .
AUDIO TESTING EQUIPMENT . POWER MANAGERS**

i7300 / iA231F / PCL 3200 / PEQ 3400 PLUS / PEQ 3600 PLUS



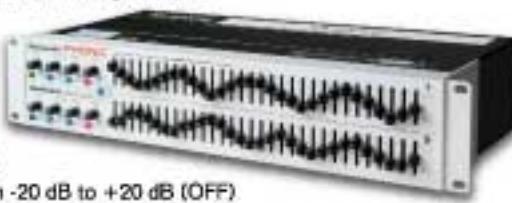
i7300

Digital Multi Reverb

- ▶ 24-bit A/D and D/A converters with 256/512 times over sampling for high headroom and resolution
- ▶ Internal 32-bit processor with 44.1 kHz sampling rate
- ▶ True stereo performance and variable stereo image parameters
- ▶ 100 factory programs and 100 user programs
- ▶ Dual 10-segment LED level meters
- ▶ Balanced XLR and 1/4" TRS inputs and outputs
- ▶ Operating levels of +4 dBu and -10 dBV independently selectable for input and output
- ▶ Foot switch connector for hands-free program selection and bypass
- ▶ 4 MIDI capability allowing real-time program selection and dump
- ▶ Dedicated rotary controls and illuminated buttons for quick and easy operation
- ▶ Large LCD display

iA231F Dual Channel Digital 31-Band Graphic Equalizer

- ▶ 30 mm VR Sliders for precise adjustment
- ▶ Feedback Detection System instantly reveals critical frequencies
- ▶ Built-in delay control from (OFF) 1ms to 100ms, variable
- ▶ Additional HPF filter removes unwanted frequencies
- ▶ Switchable boost/cut range between 6 dB and 12 dB
- ▶ EQ IN/OUT switch
- ▶ I/O Level meter switch
- ▶ Dedicated mono subwoofer output with adjustable crossover frequency
- ▶ +15 dB to -oo input gain range for easy level matching
- ▶ 8-segment LED meter with clip warning for input
- ▶ Illuminated faders
- ▶ Relay-controlled bypass
- ▶ Channel-link function
- ▶ Servo-balanced inputs and outputs with 1/4"
- ▶ TRS and XLR connectors
- ▶ Built-in limiter control from -20 dB to +20 dB (OFF)



PCL 3200

Dual Channel Compressor and Limiter

- ▶ Selectable hard-knee/soft-knee compression
- ▶ PEAK/RMS response selectable
- ▶ Full input/output and gain reduction metering
- ▶ Variable independent expander/gate
- ▶ Channels can be coupled for true stereo operation
- ▶ Bypass switch for each channel
- ▶ Side-chain insert jacks
- ▶ Variable filter settings
- ▶ +4 dBu/-10 dBV switchable
- ▶ Action LED display for gate
- ▶ Frequency response: 10 Hz to 30 KHz, +/-0.5 dB
- ▶ S/N ratio: >95 dB, A-weight

PEQ 3400 **PLUS**

15-band Graphic Equalizer

- ▶ Two 15-band, 2/3-octave Constant Q frequency bands
- ▶ Switchable boost/cut ranges of +/-6 or +/-12 dB
- ▶ 12 dB per octave 50Hz low-cut filter
- ▶ Front-panel bypass switch
- ▶ +/-12 dB input gain range
- ▶ 4-segment LED ladders for monitoring output levels
- ▶ XLR and TRS Inputs and Outputs
- ▶ Internal Toroidal Transformer

PEQ 3600 **PLUS**

31-band Graphic Equalizer

- ▶ Two 31-band, 1/3-octave Constant Q frequency bands
- ▶ Switchable boost/cut ranges of +/-6 or +/-12 dB
- ▶ 12 dB per octave 50Hz low-cut filter
- ▶ Front-panel bypass switch
- ▶ +/-12 dB input gain range
- ▶ 4-segment LED ladders for monitoring output levels
- ▶ XLR and TRS Inputs and Outputs
- ▶ Internal Toroidal Transformer



AUDIO TESTER

PAA3

Handheld Audio Analyzer with USB Interface

The PAA3 is a highly accurate handheld audio analyzer that gives sound engineers a rich array of sound analysis tools. Features include 31-band real time spectrum analysis, RT60, SPL and line meter, internal generator, EQ setting program, microphone calibration and speaker phase checking abilities. All functions and menus can be accessed through a central jog dial, leaving your other hand free to adjust audio settings. Easily upload information and settings to your computer via the built-in USB interface. The large LCD screen has a visible backlight to help you see in a dark performance environment. And with a battery life of 7 hours, the PAA3 is the multifunctional tool for every serious audio engineer.

- ▶ SPL meter calibration through sound level calibrator
- ▶ 4 standard response time
- ▶ 3 power modes: (1) Power Save, (2) On (3) Off
- ▶ Audio test signals and desktop control software on CD-ROM
- ▶ Sound Pressure Level Meter from 30 dB~130 dB
- ▶ Line signal measurement display in dBu, dBV, or Volts (AC)
- ▶ 3 level range selection for dB SPL and line signal
- ▶ Maximum level display
- ▶ Peak hold display
- ▶ Adapter operation available
- ▶ 7 hours continuous operation with 4 AA batteries
- ▶ 31-band Real Time Spectrum Analyzer
- ▶ RT60 measurement
- ▶ Built-in calibrated measurement microphone
- ▶ Phase checker
- ▶ 31-band EQ setting value display (Boost/Cut)
- ▶ Memory and average calculation function
- ▶ USB and XLR input and output sockets
- ▶ Noise generator with pink noise, 1 kHz and polarity test signal, balanced output



POWER MANAGERS

PPC 8000 / E

Power Conditioner with Light Modules

- ▶ Eight switched outlets on the rear of the unit
- ▶ Single, unswitched outlet on the front
- ▶ Two swiveling light fixtures with dimmer switch for rack illumination
- ▶ RFI / EMI filtering
- ▶ Circuit Breaker with 15 amp rating
- ▶ Heavy-duty 14-gauge AC power cord
- ▶ Triple-mode Varistor spike and surge protection

	PPC 8000	PPC 8000	PPC 8000E	PPC 9000E
Current Rating	15 amps		10 amps	
Accessory Outlets	8		10	
Input Voltage	90 -140 VAC		180 - 256 VAC	
Max Surge Current	6500 amps		6500 amps	
Line Voltage Meter	-	✓	-	✓
Circuit Breaker	✓	✓	✓	✓
Response Time	One nano second		One nano second	
Dimensions (H x W x D)	44 x 482 x 152 mm (1.7" x 19" x 6")		44 x 482 x 152 mm (1.7" x 19" x 6")	

* 8000E: additional power cables (PPC80) readily available

* 9000E: additional power cables readily available

- ▶ RFI / EMI filtering

- ▶ Circuit Breaker with 15 amp rating
- ▶ Heavy-duty 14-gauge AC power cord
- ▶ Triple-mode Varistor spike and surge protection
- ▶ 20-segment, line Voltage meter reading from 90 to 128 VAC (180 to 256 on "E" models)
- ▶ 12 Volts BNC gooseneck lamp jack (on "E" models)

PPC 9000 / E

Power Conditioner with Light Modules

- ▶ 8 switched outlets on the rear of the unit
- ▶ Single, unswitched outlet on the front
- ▶ Two swiveling light fixtures with dimmer switch for rack illumination



DIGITRACK . MIDI HUB

DIGITRACK / VM 85 / DB2 / MIDI HUB / MIDI HUB MINI

DIGITAL RECORDING INTERFACE

Digitrack is an inexpensive way to get high-quality digital audio recordings in an extremely portable computer interface. The Digitrack accepts digital input through S/PDIF, or analog input through stereo RCA jacks. Plug the USB cable into your computer and you instantly get high-quality digital audio without digital-analog conversion. Use the Digitrack to record or to playback audio from your computer through your home stereo. Digital and analog outputs deliver great sound and give you a variety of options of where you route the audio. The headphone jack lets you monitor the input and output. Use the headphone jack to listen to your computer and get better quality sound by avoiding computer grounding noise. Best of all, Phonic's Digitrack is extremely portable. It gets power from the computer through the USB cable so you don't have to carry around a bulky power adapter.

DIGITRACK

Digital Recording Interface

- USB computer interface
- 16-bit / 48 kHz digital stereo quality
- S/PDIF digital input and output
- Stereo RCA input and output
- 3.5 mm mini stereo headphone jack with volume control
- USB bus powered
- Signal Indicators
- No drivers required to operate
- Compact and lightweight

Applications:

1. Home recording
2. Audio archiving
3. Converting older audio formats to new digital format
4. Recording church services
5. Mixing and recording tracks
6. Digital home studio
7. High-quality computer audio playback
8. Adding computer audio to your mixer
9. Plug your headphones into the Digitrack to get higher quality audio from your computer



MIDI HUB

2 x 2 MIDI-USB Interface



- Two MIDI inputs and two MIDI outputs
- 32 discrete MIDI input channels; 32 discrete MIDI output channels
- USB bus powered or external power supply
- MIDI Thru switch
- LED indicators
- Compact and lightweight



MIDI HUB MINI

1 x 1 MIDI-USB Interface

- USB 1.1 MIDI interface (compatible with majority of PC and Mac computers)
- 16 discrete MIDI input channels
- 16 discrete MIDI output channels
- USB bus powering or external power supply
- 1-in/1-out MIDI interface
- Built-in USB and MIDI cables
- MIDI Thru/USB button allows throughput even when MIDI Hub is not turned on
- Input/Output LED indicators
- Compact and lightweight design

Not Available in the U.S.A.

DYNAMIC VOCAL MICROPHONE

VM 85

Handheld Dynamic Microphone

	VM 85
Pattern	Super Cardioid
Frequency Response	15 Hz - 18 kHz
Sensitivity	-72 dB
Impedance	300 Ω



DIRECT BOX

DB2

Active Direct Box

	DB2	
Type	Active Direct Box	
Input	✓	1/4" Phone Jack
Output	✓	Female XLR
Impedance	250 k	Input
	500	Output

	DB2
Noise	-110 dB
THD	<0.0005%
PAD Attenuation	0 / -20 dB / -40dB
Dimensions	82 x 34 x 103 mm (3.2" x 1.3" x 4")
Weight	339 g (0.75 lbs)





QUESTIONS ?

Email: info@phonic.com

READY TO BUY ?

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or email: sales@phonic.com

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