

S/PDIF
DIGITAL OUT

96
KHz

2 CH
18 CH

MIXERS

SUMMIT

Phonic's Summit digital mixer provides a color touch screen, 16 XLRs, 8 AUX, 8 Groups, 40-bit floating point processor, motorized faders, FireWire, USB 2.0, 4-band parametric EQs, built into a multi-output-matrix, slim-lined, two-layer construct. It is the most intuitive, easy to use digital mixer on the market.

26 Onboard Dynamic Processors

The Summit offers a total of 26 dynamic processors on board – each offering a gate, expander, limiter and compressor. Thresholds, ratios, ranges, and attack and release times can all be adjusted by the user, ensuring total control over your incoming and outgoing audio signals.

Digital Effect Processor

Add a bit of style to your mix with the two stereo high definition digital effect processors programmed directly into the Summit. A total of 8 effects are offered on each – including echo, chorus, tremolo, vibrato, phaser, etc. – while EFX1 also offers 24 reverb effects, each of which has up to 8 user-definable parameters. Effects are applied to any input channel or AUX mix, and the stereo effect signals can be assigned to your stereo main mix or two of the multi outputs.

Automated Faders

The compact design of the Summit is achieved by using a two-layer fader system that allows the channel faders to also function as AUX and Group faders. This is done through the touch of the button and fully-automated faders that immediately resume their appropriate positions when layer settings are changed. 16 ultra-smooth 100mm faders are available in total, laid out in a familiar analog arrangement to ensure you feel at home with the Summit.

Quality Digital Components

Phonic uses only the highest quality Analog to Digital/Digital to Analog (AD/DA) converters, providing screaming fast sampling rates and ultra high resolution digital audio. The 40-bit floating point Digital Signal Processor (DSP) is loaded with an intricate algorithm and can perform lightning-fast digital audio processing without breaking a sweat.





Low-noise preamplifiers



GUI accessed through color touch screen



Digital AES/EBU input and output



Fully-automated 100 mm faders

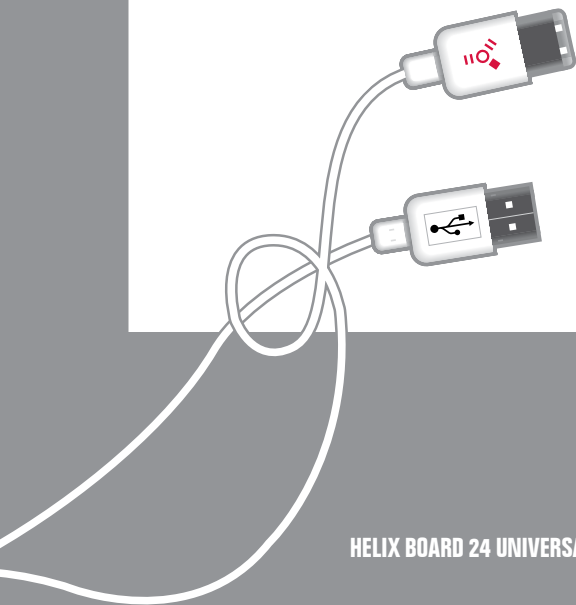
- ▶ 16 mono mic/line channels with insert points and -20dB PAD control for direct instrument connectivity
- ▶ Internal digital sampling rate up to 96 kHz in 24-bit resolution
- ▶ Processing accomplished through a high quality 40-bit floating point digital signal processor
- ▶ Compact design achieved through 16 faders encompassing two layers (Channels, AUX/Group)
- ▶ High quality GUI interface onboard accessed through a full-color touch-screen
- ▶ 4-band parametric EQs assignable to input channels, multi outputs and main outputs

- ▶ Eight balanced 1/4" phone jack 'multi' outputs
- ▶ Up to 8 AUX and 8 Group buses assignable to 'multi' outputs
- ▶ Digital AES/EBU I/O onboard
- ▶ Save and instantly recall scenes at the touch of a button
- ▶ Stereo headphone mix with independent level control
- ▶ Grouped phantom power available on all XLR inputs
- ▶ Optional FireWire & USB 2.0 expansion card (16-in, 16-out) for multi-track recording
- ▶ FireWire & USB card compatible with Windows XP/Vista/7 and Mac OSX operating systems



HELIX BOARD SERIES

Your studio was never as functional as it could be with a Helix Board mixer. A quality front-end analog mixer, the Helix Board series offers all the features you would expect to find on a quality in-house mixing console – rack-mountable, ultra smooth faders, flexible routing to AUX, groups and control room mixes, high definition digital effects, and 3-band channel equalization – but with the added benefit of a digital audio interface, allowing users to send pristine multi-track audio to any modern PC or Mac for professional, studio-grade recording sessions. The 24-bit / 96 kHz FireWire and USB 2.0 interfaces are just icing on the cake, however; these premium mixers provide ultra-low noise, high gain preamplifiers and the same quiet circuitry that has become synonymous with Phonic. With a Phonic Helix Board – and just a drop of talent – there's no limit to what may be accomplished.



HELIX BOARD 24 UNIVERSAL



FEATURES OVERVIEW

- ▶ 16 Mic/Line channels with inserts
- ▶ Pre/post internal setting for swapping channel sends to the computer from pre low cut, EQ to post EQ, post fader
- ▶ DFX, our 32/40-bit high definition algorithm digital multi-effect processor with 100 programs plus tap delay and foot switch jacks
- ▶ Channel 17/18 routed to computer can be selected from Main mix, Group 1/2 and AUX 3/4
- ▶ 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
- ▶ S/PDIF digital audio output
- ▶ Compatible with Mac OSX and Windows XP / Vista / 7
- ▶ Bundled with Steinberg's Cubase LE 5 Digital Audio Workstation software
- ▶ Rack-mounting kit included
- ▶ 445 x 212 x 432 mm (17.5" x 8.3" x 17") \ 9.8 kg (21.6 lbs)

HELIX BOARD 24 UNIVERSAL

24-Input 4-Subgroup Mixer with USB 2.0 & FireWire Interface

- ▶ 96kHz USB 2.0 & FireWire interface for streaming multiple independent channels of audio to computer with near-zero latency
- ▶ 2 channels of monitoring from computer via USB 2.0 & FireWire interface, can be assigned to control room monitors, main mix and AUX 1

HELIX BOARD 24 FIREWIRE MKII

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

- ▶ 96kHz FireWire interface for streaming 18 independent channels of audio to computer with near-zero latency
- ▶ 2 channels of monitoring from computer via FireWire interface, can be assigned to control room monitors, main mix and AUX 1

FEATURES OVERVIEW

- ▶ 18-input small-format analog mixer with extremely low noise circuitry
- ▶ Channel 15/16 routed to computer can be selected from main mix, group 1/2 and AUX 2/3
- ▶ DFX, our 32/40-bit high definition algorithm digital multi-effect processor with 100 programs plus tap delay, foot switch jacks and volume controls for sending processed signal to aux send 1 & 2
- ▶ 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, one 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 / Vista / 7
- ▶ Steinberg Cubase LE 5 included
- ▶ 407 x 89 x 357 mm (16" x 3.5" x 14") \ 5.1 kg (11.2 lbs)

HELIX BOARD 18 UNIVERSAL

18-Input 2-Subgroup Mixer with DFX & USB 2.0 & FireWire Interface

- ▶ 96kHz USB 2.0 & FireWire interface for streaming 16 independent channels of audio to computer with zero latency
- ▶ Pre/post setting for swapping USB 2.0 & FireWire input channels sent to computer from pre-low cut, -EQ to post-EQ, post-fader
- ▶ 2 channels of monitoring from computer via USB 2.0 & FireWire interface, can be assigned to control room monitors, Main mix and AUX 1

HELIX BOARD 18 FIREWIRE MKII

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

- ▶ 96kHz FireWire interface for streaming 16 independent channels of audio to computer with near-zero latency
- ▶ Pre/post switch for swapping FireWire input channels sent to computer from pre-low cut, -EQ to post -EQ, post-fader
- ▶ 2 channels of monitoring from computer via FireWire interface, assignable to control room monitors, main mix and AUX 1



LOW NOISE
PREAMPLIFIERS



FIREWIRE/USB
INTERFACE



3-BAND
EQUALIZER



DIGITAL EFFECTS



PRE/POST
SWITCH

FEATURES OVERVIEW

- ▶ 12-input small-format analog mixer with extremely low noise circuitry
- ▶ 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
- ▶ DFX, our 40-bit digital multi-effect processor with 100 programs plus tap delay and foot switch jacks
- ▶ +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
- ▶ 245 x 86 x 271 mm (9.6" x 3.4" x 10.7") \ 2.9 kg (6.4 lbs)

HELIX BOARD 12 UNIVERSAL

12-Input Mixer with USB 2.0 & FireWire Interface

- ▶ Pre/post switch for streaming input channels to computer from pre low cut, EQ or from post EQ, post channel fader
- ▶ 96 kHz USB 2.0 & FireWire interface for streaming 10 independent channels of audio to computer with near-zero latency
- ▶ Two channels of monitoring from computer via USB or FireWire interface

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.
- ▶ 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

HELIX BOARD 12 **PLUS**

12-Input Mixer with DFX & USB 2.0 Interface

- ▶ Pre/post switch for streaming input channels to computer from re low cut, EQ or from post EQ, post channel fader
- ▶ 192 kHz USB 2.0 interface for streaming 10 independent channels of audio to computer with near-zero latency
- ▶ Two channels of monitoring from computer via USB interface



HELIX BOARD 12 UNIVERSAL

SONIC STATION SERIES

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 32

FEATURES OVERVIEW

- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus one main parameter control, tap control and foot switch jack; dual DFX on Sonic Station 22 and 32
- ▶ Direct outputs for multi-track recording
- ▶ 75 Hz low-cut filter on each channel
- ▶ 4 stereo AUX return, each with effect to monitor controls
- ▶ Rec out with independent trim control
- ▶ 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
- ▶ Six AUX mixing bus, two pairs with pre/post switch
- ▶ Four true subgroups with main L and R routing switches
- ▶ 3-band channel EQ with swept mid-range on mono channels
- ▶ ON, SIGNAL and PEAK/SOLO LED indicators on each input channel
- ▶ Main stereo and mono out with XLR jacks and inserts

SONIC STATION 16

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

- ▶ 16 Mic/Line channels with inserts
- ▶ Pad switch on channels 1 through 4
- ▶ Dual-position I/O pod for versatile use as a desktop mixer or rack-mounted
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz
- ▶ 440 x 210 x 475 mm (17.3" x 8.26" x 18.7") \ 9.5 kg (20.9 lbs)

SONIC STATION 22

30-Input 4-Bus Mixing Console with DFX

- ▶ 20 mic preamps
- ▶ Two stereo channels with XLR mic in, 1/4" and RCA line inputs
- ▶ Talkback mic built-in
- ▶ Group 1-4 and AUX 1-4, Main fader and control room volume control can be swapped for monitor console use
- ▶ Seven 12-segment level meters for main, group or AUX
- ▶ Pad/Line in switch on mono channels
- ▶ 12V gooseneck lamp socket for dark working environments
- ▶ 859 x 102.8 x 547.4 mm (33.8" x 4.05" x 21.6") \ 15.5 kg (34.1 lbs)

SONIC STATION 32

40-Input 4-Bus Mixing Console with DFX

- ▶ 30 Mic preamps
- ▶ Two stereo channels with XLR mic in, 1/4" and RCA line inputs
- ▶ Talkback Mic built-in
- ▶ Groups 1-4 and AUX 1-4 can be swapped for monitor console use
- ▶ Six 12-segment level meters for main, group or AUX
- ▶ Independent solo level control
- ▶ Pad switch on mono channels
- ▶ 4-band EQ on stereo channels
- ▶ 12V gooseneck lamp socket for dark working environments
- ▶ 1155.5 x 102.8 x 547.4 mm (45.5" x 4.05" x 21.6") \ 18 kg (39.7 lbs)

IMPACT SERIES

The Impact mixers prove that a mixer can be both feature-heavy and stylish, without having to compromise on either. Models vary between 10 and 26 mono Mic/Line channels (with phantom power for mics), as well as providing two stereo line channels. All mono channels feature inserts, for inclusion of external processors, and low-cut switches, for removing unwanted ground noise and low frequency hum. A 3-band EQ with swept-mid is included on mono channels, and a 4-band EQ on stereo channels, giving you greater control over your audio. Impact mixers also feature an onboard 32-bit stereo digital effects processor with 100 preset programs plus one main parameter control, tap control and foot switch jacks. Output is achieved through XLR or 1/4" phone jacks, with an additional mono output topped with an adjustable low pass filter making it ideal for use with subwoofers. The addition of mini stereo input/outputs makes these mixers perfect for anyone connecting MP3, MD, computer audio or recording devices. The Impact mixers are ideal for houses of worship, project studios and live venues of any size.



IMPACT 24.4X

IMPACT 8.4X

12-Channel Mic/Line Mixer with DFX

IMPACT 16.4X

20-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
- ▶ 2 stereo AUX returns with effect to monitor
- ▶ Low cut on each mono channel
- ▶ PAD control on all mono channels

IMPACT 12.4X

16-Channel Mic/Line Mixer with DFX

IMPACT 24.4X

28-Channel Mic/Line Mixer with DFX

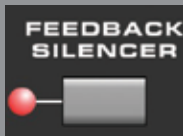
- ▶ Main Stereo and Mono output with XLR and 1/4" phone jacks
- ▶ Mono output with variable low pass filter for subwoofer
- ▶ Tape input can be routed to AUX 1 and AUX 2
- ▶ Mini stereo I/O for MD, MP3 player/recorder
- ▶ Built-in switching power supply with universal connector, 100-240VAC 50/60Hz
- ▶ 510 x 112 x 437 mm (20" x 4.4" x 17.2") \ 7.2 kg (15.9 lbs) [8.4X]
- ▶ 642 x 112 x 437 mm (25.3" x 4.4" x 17.2") \ 8.7 kg (19.1 lbs) [12.4X]
- ▶ 774 x 112 x 437 mm (30.5" x 4.4" x 17.2") \ 10.5 kg (23.1 lbs) [16.4X]
- ▶ 1038 x 112 x 437 mm (40.9" x 4.4" x 17.2") \ 13.5 kg (29.7 lbs) [24.4X]



IMPACT 24.4X

POWERPOD SERIES

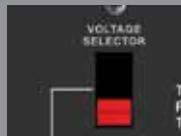
WWW.PHONIC.COM



INTELLIGENT
FEEDBACK SILENCER



SD CARD PLAYER
AND RECORDER



INPUT VOLTAGE
SELECTOR



POWERPOD 620 S

FEATURES OVERVIEW

* USB models also available.

- ▶ Phonic's intelligent feedback elimination circuitry dynamically searches out and kills feedback while still ensuring the rest of your audio sounds fantastic
- ▶ Record your performance directly to an SD card, then playback through the powerpod or upload your recording to any computer
- ▶ The preamps on the Powerpod mixers offer incredibly low noise sound reproduction, while providing such clarity that the most discerning critics are bound to take note
- ▶ Global +48V phantom power for use with condenser microphones

POWERPOD 1860 SF

800W 12-Channel Powered Mixer with GEQ, DFX, Feedback Eliminator and SD Recorder/Player

- ▶ 400W + 400W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus parameter control and foot switch jack
- ▶ 8 balanced Mic inputs with inserts and 12 line-level inputs
- ▶ Two stereo Line input channels capable of accepting RCA/Phone inputs
- ▶ 3-band channel EQs and 7-band master 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
- ▶ Mono output for extra zone filling or as subwoofer processing source
- ▶ Grouped +48V real phantom power for broader application
- ▶ Molded protective cover prevents scratching or damage to mixer
- ▶ Rugged metal main chassis with integrated handle
- ▶ Two Speakon-type connector and four 1/4" phone jacks for speaker connection
- ▶ Mains power switchable between 115 VAC and 230 VAC
- ▶ 483 x 142.6 x 466.2 mm (19" x 5.6" x 18.4") \ 14.3 kg (31.5 lbs)

POWERPOD 740 SF

440W 7-Channel Powered Mixer with DFX, Feedback Eliminator and SD Recorder/Player

- ▶ 220W + 220W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ Seven balanced Mic inputs with rumble filters and 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
- ▶ 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
- ▶ 471 x 265 x 275 mm (18.5" x 10.4" x 10.8") \ 15.5 kg (34.18 lbs)

POWERPOD 620 S

200W 6-Channel Powered Mixer with DFX and SD Recorder/Player

- ▶ 100W + 100W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor (Bridge Mono, 200W / 8 ohms)
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ Six balanced Mic inputs and eight Line inputs
- ▶ Two Super Hi-Z inputs optimized for direct instrument input
- ▶ 2-band EQ on input channels
- ▶ 7-band master graphic EQ
- ▶ Global +48V phantom power for Mic inputs
- ▶ Pad control on channels 1 to 4
- ▶ Monitor and effect sends on each input channel
- ▶ 440 x 245 x 275 mm (17.3" x 9.6" x 10.8") \ 12 kg (26.46 lbs)

POWERPOD SERIES

Built to meet remarkably high standards, the Powerpod powered mixers from Phonic feature super-smooth controls, low noise, brawny amplification, and sturdy constructions for maximum reliability. The series begins with the entry level Powerpod 410 and advances to the more sophisticated Powerpods K-12 Plus, giving musicians more flexibility, functions and power to cater to larger audiences. Phonic has designed the entire Powerpod series with varying input numbers, different signal routing capabilities, and various amplification levels- ensuring there is a perfect Powerpod for everyone, depending on venue size, the size of the audience and the different needs of musicians and engineers.



POWERPOD 820

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
- ▶ Stereo RCA 2T Return and Record I/O
- ▶ Super musical 2-band EQ on mono channels
- ▶ 465 x 155 x 210 mm (18.3" x 6.1" x 8.23")
7.4 kg (16.3 lbs)

POWERPOD 620 **PLUS**

200W 6-Channel Powered Mixer with DFX

- ▶ 100W + 100W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor (Bridge Mono, 200W / 8 ohms)
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ Six balanced Mic inputs and eight Line inputs
- ▶ Two Super Hi-Z inputs optimized for direct instrument input
- ▶ 2-band EQ on input channels
- ▶ 7-band master graphic EQ
- ▶ Pad control on channels 1 to 4
- ▶ AUX input
- ▶ Stereo RCA I/O
- ▶ Global +48V phantom power for Mic inputs
- ▶ 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
- ▶ 440 x 245 x 275 mm (17.3" x 9.6" x 10.8")
12 kg (26.46 lbs)

POWERPOD 740 **PLUS**

440W 7-Channel Powered Mixer with DFX

- ▶ 220W + 220W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor (Bridge Mono, 440W / 8 ohms)
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ 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
- ▶ Rumble filters for Mic inputs
- ▶ Pad control on channels 1-4
- ▶ One AUX input
- ▶ 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
- ▶ 471 x 265 x 275 mm (18.5" x 10.4" x 10.8")
15.5 kg (34.18 lbs)

POWERPOD 780 **PLUS**

600W 7-Channel Powered Mixer with DFX

- ▶ 300W + 300W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor
- ▶ 32/40-bit digital effect processor with 16 programs plus one main parameter control
- ▶ 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
- ▶ Rumble filters for Mic inputs
- ▶ Pad control on channels 1-4
- ▶ One AUX input
- ▶ 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
- ▶ 471 x 265 x 275 mm (18.5" x 10.4" x 10.8") \ 15.5 kg (34.18 lbs)

POWERPOD 820

200W 8-Channel Powered Mixer with DFX

- ▶ Built-in 100W + 100W stereo power amplifier
- ▶ DFX, our 32-bit digital multi-effect processor with 16 programs plus one main parameter control
- ▶ Four balanced Mic/Line channels with inserts
- ▶ Two stereo Line channels
- ▶ 3-band EQ on each channel
- ▶ Global +48V phantom power for Mic inputs
- ▶ 75Hz low-cut filter on mono channels
- ▶ Extra ALT 3-4 stereo bus
- ▶ Two AUX sends per channel
- ▶ Two stereo AUX returns
- ▶ AUX Cue allows from 1 to 8 channels to be independently monitored in stereo
- ▶ Master AUX section with EFX to Monitor
- ▶ Mini stereo and stereo RCA input and output
- ▶ Rec Out with trim control for record level matching
- ▶ Control Room/Phones source matrix
- ▶ High-volume headphone output
- ▶ 274.8 x 100 x 270.3 mm (10.8" x 3.9" x 10.6") \ 3.2 kg (7 lbs)



POWERPOD 865 Plus



POWERPOD K-12 Plus

POWERPOD 865 **PLUS**

600W 8-Channel Powered Mixer with Dual Graphic EQ & DFX

- ▶ 300W + 300W / 4 ohms stereo power amplifier for Main L/R or Main/Monitor (Bridge mono, 600W / 8 ohms)
- ▶ Dual position 45 degree angular molded cabinet
- ▶ Tripod-stand mountable for easy, eye-level operation
- ▶ Vocal eliminator for karaoke application
- ▶ Two Super Hi-Z inputs optimized for direct instrumental input
- ▶ DFX, our 32-bit digital multi-effect processor with 16 preset programs plus one main parameter control
- ▶ Wireless Mic module slot
- ▶ 8 balanced Mic inputs
- ▶ 10 Line inputs
- ▶ 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
- ▶ Global +48V phantom power for Mic inputs
- ▶ sPs for smoother high frequencies and enhanced low-end output
- ▶ Two built-in limiters
- ▶ 475 x 306 x 324 mm (18.7" x 12" x 12.8") \ 11 kg (24.2 lbs)

FEATURES OVERVIEW

- ▶ DFX, our 32-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ 9 balanced Mic inputs and 12 Line inputs
- ▶ Two super Hi-Z inputs optimized for direct instrument inputs
- ▶ 3-band EQ on channels 1 through 9
- ▶ Dual 8-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- ▶ Rumble filters 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
- ▶ 471 x 285 x 275 mm (18.5" x 11.2" x 10.8") \ 21.5 kg (47.4 lbs)

POWERPOD 1062 **PLUS**

600W 10-Channel Powered Mixer with DFX

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

FEATURES OVERVIEW

- ▶ 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 7-band graphic EQ
- ▶ Mono output for extra zone filling or as subwoofer processing source
- ▶ PFL on each input and AFL on each output
- ▶ Standby switch mutes input channels only for playing music between sets
- ▶ Headphone output with separate rotary level control
- ▶ Zone 2 output for side fill or another PA system
- ▶ 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
- ▶ Mains power switchable between 115 VAC and 230 VAC

POWERPOD 1860 **PLUS**

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

- ▶ 400W + 400W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus parameter control and foot switch jack
- ▶ 8 balanced Mic inputs with inserts and 12 line-level inputs
- ▶ Two stereo Line input channels capable of accepting RCA/Phone inputs
- ▶ 3-band channel EQ
- ▶ Stereo RCA I/O for CD/TAPE external sources
- ▶ Grouped +48V real phantom power for broader application
- ▶ 483 x 142.6 x 466.2 mm (19" x 5.6" x 18.4") \ 14.3 kg (31.5 lbs)

POWERPOD 1082 **PLUS**

800W 10-Channel Powered Mixer with DFX

- ▶ 400W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor

POWERPOD K-12 **PLUS**

1000W 12-Channel Powered Mixer with Graphic EQ and Dual DFX

- ▶ 500W + 500W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ Dual DFX, our 32/40-bit digital effects processor with 16 programs plus parameter control
- ▶ 8 balanced Mic inputs with inserts and 12 line-level inputs
- ▶ Two stereo input channels with 1/4" and RCA inputs
- ▶ 3-band channel EQ with swept mid-range
- ▶ Global +48V phantom power for Mic inputs
- ▶ Mono output features variable low pass filter from 60 Hz up to 160 Hz
- ▶ 583.2 x 142.6 x 466.2 mm (23" x 5.6" x 18.4") \ 14.5 kg (31.94 lbs)

MU SERIES

The classic Phonic MU series of compact analog mixers is back and better than ever! Offering up to 10 mic preamps and multiple mono and stereo 1/4" inputs, the MU mixers offer ultra low noise pre-amps that ensure high quality sound when used in project studios or sound reinforcement. A 32-bit high definition effect processor offering 16 carefully designed effects, each with its own user-adjustable parameter, is available on 'x' models. The effect processor's tap delay can be adjusted with the tap of a button, with users given ultimate control over the delay time of the effect. The MU series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone output. The added feature of mini stereo I/O (not included on 1202 models) makes these mixers perfect for anyone connecting MP3, MD, computer audio or recording devices.



MU 1202X

FEATURES OVERVIEW

- ▶ Stereo RCA and mini stereo 2T return and Record I/O (excludes MU1202 and MU1202X)
- ▶ A +48V phantom power button is available to allow use with dynamic microphones
- ▶ 75 Hz low-cut filter removes all low-frequency noise and rumble on mono channels
- ▶ High-volume headphone output for monitoring
- ▶ All models offer at least one EFX and/or AUX send per channel (excludes MU502)
- ▶ Balanced master outputs controlled by a 60 mm fader (rotary control on MU502)
- ▶ X models only: our 32-bit digital multi effect processor with 16 programs plus one main parameter control and tap delay

MU 502

5-Input Compact Mixer

- ▶ Two low-noise microphone inputs and five line inputs
- ▶ 2-band EQ, low cut filter and insert on mono input channel
- ▶ Dual 4-segment master level meter
- ▶ Peak LED on mono input channel
- ▶ 156 x 51 x 244 mm (6.2" x 2" x 9.6") \ 1.1 kg (2.4 lbs)

MU 1002X

10-Input Compact Mixer with DFX

- ▶ Two balanced Mic/Line channels each with Peak indicators
- ▶ Four stereo Line channels each with +4/-10 level matching
- ▶ 3-band EQ on Mic/Line input channel
- ▶ Stereo EFX send cue for monitoring individual channel
- ▶ Mono button on master output allows users to select a stereo or dual mono output
- ▶ 190 x 56 x 233 mm (7.5" x 2.2" x 9.2") \ 1.5 kg (3.3 lbs)

MU 1202

12-Input Compact Mixer

- ▶ Four balanced Mic/Line channels and four stereo Line channels
- ▶ 3-band EQ on each mono channel
- ▶ Stereo RCA 2T and Record I/O
- ▶ Stereo AUX cue for monitoring individual channels
- ▶ Flexible 2T Return routing buttons
- ▶ Dual 5-segment level meter
- ▶ Balanced 1/4" TRS outputs
- ▶ 275 x 60 x 271 mm (10.8" x 2.4" x 10.7") \ 2.2 kg (4.85 lbs)

MU 1202X

12-Input Compact Mixer with DFX

- ▶ Four balanced mono Mic/Line channels
- ▶ Four stereo Line channels each with +4/-10 level matching
- ▶ 3-band EQ on every mono channel
- ▶ Stereo RCA 2T return and Record I/O
- ▶ Master EFX controls with EFX to Monitor
- ▶ 245 x 86 x 271 mm (9.7" x 3.4" x 10.7") \ 2.6 kg (5.73 lbs)



MU 2442X

MU 1722X

17-Input 2-Bus Compact Mixer with DFX

- ▶ Four balanced mono Mic/Line channels with inserts
- ▶ Four stereo Line input channels, two with Mic inputs
- ▶ 3-band EQ with swept mid-range on mono channels
- ▶ Two AUX sends per channel, one with Pre/Post switch
- ▶ Two stereo AUX returns with effect to monitor control
- ▶ 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, 50/60Hz
- ▶ 300 x 89 x 340 mm (11.8" x 3.5" x 13.4") \ 4.2 kg (9.25 lbs)

MU 2442X

24-Input 4-Bus Rack Mixer with DFX

- ▶ 8 mono Mic/Line channels with inserts
- ▶ 4 stereo channels, two with mic inputs
- ▶ 10 Mic preamps in total
- ▶ 3-band EQ with swept mid-range on mono channels, 4-band EQs on stereo channels
- ▶ Four AUX sends, AUX 1 & 2 with Pre/Post switch
- ▶ Four stereo AUX returns, two with effect to monitor
- ▶ Pad on 4 mono channels to handle difficult signals
- ▶ Mono button on main L/R out

MU 1822X

18-Input 2-Bus Compact Mixer with Graphic EQ and DFX

- ▶ Six Mono Mic/Line channels with inserts
- ▶ 8 Mic preamps in total
- ▶ Four stereo Line channels, including two dual function Mic/Line stereo channels
- ▶ 3-band EQ with swept mid-range on all mono channels
- ▶ Three AUX sends on each channel, one with Pre/Post switch
- ▶ Two stereo AUX returns with effect to monitor level control
- ▶ Solo feature on each input and output
- ▶ Stereo 7-band graphic EQ, assignable to main mix or AUX 1 send
- ▶ Two true subgroups with main L and R routing switches
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz
- ▶ 407 x 89 x 357 mm (16" x 3.5" x 14") \ 4.8 kg (10.6 lbs)

- ▶ Four true subgroups with main L and R routing switches and double-bused outs
- ▶ Eight direct outputs for multi-track recording Individual 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, 100-240 VAC, 50/60 Hz
- ▶ 418 x 140 x 438 mm (16.5" x 5.5" x 17.2") \ 5.9 kg (13 lbs)



MIC PREAMPS

Phonic's microphone preamps are so clear, crisp and noise-free that we don't need to make up a fancy name for them. We could name them, of course, but at the end of the day all you're after is a fantastic sounding, fully transparent preamp that provides plenty of headroom and is reliable. Phonic has 30 years experience in producing such preamps, and they've learnt a thing or two in that time. The results speak for themselves.

AM SERIES

The Phonic AM analog mixers are compact and versatile with 5 to 24 mono Mic/Line and stereo inputs. Ultra low noise pre-amps ensure high quality sound when used in project studios or sound reinforcement. Low-cut filters on mono channels eliminate unwanted sounds like stage rumble, P-pops, wind noise and low frequency recording studio room resonances. The multi-band EQs found on every channel give you maximum control over your mix. The AM series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone output. Balanced stereo main outputs through 1/4" TRS jacks round off the AM mixers, making them ideal for real-world studio application.



AM 440D

FEATURES OVERVIEW

- ▶ Audiophile-quality mic preamps & ultra low noise
- ▶ RCA 2T Return & 2T Record for CD or tape recorder
- ▶ Balanced master output with 60 mm fader (rotary control on AM120 MKII)
- ▶ Global +48V Phantom Power
- ▶ Peak LED on mono input channel
- ▶ D models only: 32/40-bit stereo multi-effect processor with 100 effects plus tap delay and test tones

AM 220

2 Mic/Line 2 Stereo Input Compact Mixer

- ▶ 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
- ▶ Peak and VU Metering
- ▶ Peak indicators on each mono input channel
- ▶ 2T RTN assignable individually to Main or Control room
- ▶ 190 x 56 x 233 mm (7.5" x 2.2" x 9.2") \ 1.5kg (3.3 lbs)

AM 240D

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

- ▶ 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
- ▶ Separated EFX route control assignable to main or monitor
- ▶ Stereo EFX send cue for better monitoring individual channel
- ▶ 190 x 56 x 233 mm (7.5" x 2.2" x 9.2") \ 1.5 kg (3.3 lbs)

AM 120 MKII

1 Mic/Line 2 Stereo Input Compact Mixer

- ▶ 1 mic/line and 2 stereo channels
- ▶ 2-band EQ on mono input channel
- ▶ Dual 4-segment master level meter
- ▶ Headphones output with volume control
- ▶ 156 x 51 x 244 mm (6.2" x 2" x 9.6") \ 1.1 kg (2.4 lbs)

AM 240

2 Mic/Line 4 Stereo Input Compact Mixer

- ▶ 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
- ▶ CTRL RM and headphones outputs
- ▶ 190 x 56 x 233 mm (7.5" x 2.2" x 9.2") \ 1.5kg (3.3 lbs)

AM 440

4 Mic/Line 4 Stereo Input Compact Mixer

- ▶ 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
- ▶ Control room/Phones source matrix for maximum monitor flexibility
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ 242 x 55 x 255 mm (9.5" x 2.2" x 8.9") \ 1.7 kg (3.8 lbs)



AM 440D

AM 440D

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

- ▶ 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
- ▶ Separated EFX route control
- ▶ 2T return can be routed to Main or Control room individually
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ 242 x 55 x 255 mm (9.5" x 2.2" x 8.9") \ 1.7 kg(3.8 lbs)

AM 642D

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

- ▶ 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
- ▶ 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
- ▶ 407 x 89 x 357 mm (16" x 3.5" x 14") \ 4.8 kg (10.6 lbs)

AM 442D

4 Mic/Line 4 Stereo 2 Group Mixer with DFX

- ▶ 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
- ▶ 2 AUX sends, AUX 1 with Pre/Post switch
- ▶ 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
- ▶ 300 x 89 x 340 mm (11.8" x 3.5" x 13.3") \ 4.2 kg (9.3 lbs)

AM 844D

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

- ▶ 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
- ▶ 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
- ▶ 418 x 140 x 438 mm (16.5" x 5.5" x 17.2") \ 5.9 kg (13 lbs)

INSTALLED MIXERS

Phonic's series of rack-mountable installation mixers provide fantastic fidelity and versatility in a compact, user-friendly design. The ZX2 and ZX4 zone mixers are ideal for use in professional installations, from hotels and convention centers to theatres, restaurants and retail outlets. The ZX offers three stereo inputs, a paging mic input and an emergency input, while offering either two or four zone outputs for maximum zone separation. The PM801 is an 8-channel mixer with individual phantom power, tone control, clip indicator and mute control on each channel. A pre-fader output and AUX input give maximum flexibility, allowing the external signal processors to be integrated into the setup. The PM801 is ideal for use in all manner of installations, from studios and concert halls to schools, bars and restaurants.



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
- ▶ 482 x 44.5 x 168 mm (19" x 1.75" x 6.6") \ 2.5 kg (5.5 lbs)

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
- ▶ Three stereo and one mono zone output 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
- ▶ 482 x 44.5 x 168 mm (19" x 1.75" x 6.6") \ 2.5 kg (5.5 lbs)

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!
- ▶ 486 x 44 x 165 mm (19" x 1.75" x 6.5") \ 2.3 kg (5.3 lbs)



KA920

KA920

460W Karaoke Powered Mixer

- ▶ 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
- ▶ 482 x 133 x 415 mm (19" x 5.2" x 16.3") \ 10.3 kg (22.7 lbs)