PHONIC

PRECISION AUDIO ENGINEERING

Wireless

Audio Testing

Speakers

Amplifiers

Mixers

History

Since 1977, Phonic has been designing and manufacturing high performance professional audio products. We bring you versatile, more affordable digital mixers, robust, third-party certified audio analyzers, higher fidelity speakers with more reach, and these are only a few of the hundreds of products from our portfolio.

Low profile but High Performance

We don't spend money on fancy advertisements, over the top packaging or marketing consultants but the frugalness stops there. One thing Phonic splurges on is our products. Phonic continuously invests in the latest technology, efficient product designs, dependable build quality and long term reliability. Today, while most companies seek to cut costs by outsourcing, we manufacture our products in 100% owned, ISO-certified factories to ensure oversight on everything from components to quality control.

Getting involved

Phonic's global sales force and distribution partners are strategically located with offices in almost every country. Wherever you are, Phonic is sure to be there. Go to www.phonic.com/where/ for an up to date distributor listing.

Talk to us

If you want a product that you don't see in this catalog, let us know at marketing@phonic.com. With our core team of senior engineers' combined industry experience of 275 years, there's nothing we can't do.

Help spread the word. Phonic.

info@phonic.com   www.phonic.com
The information within this catalog is subject to change.
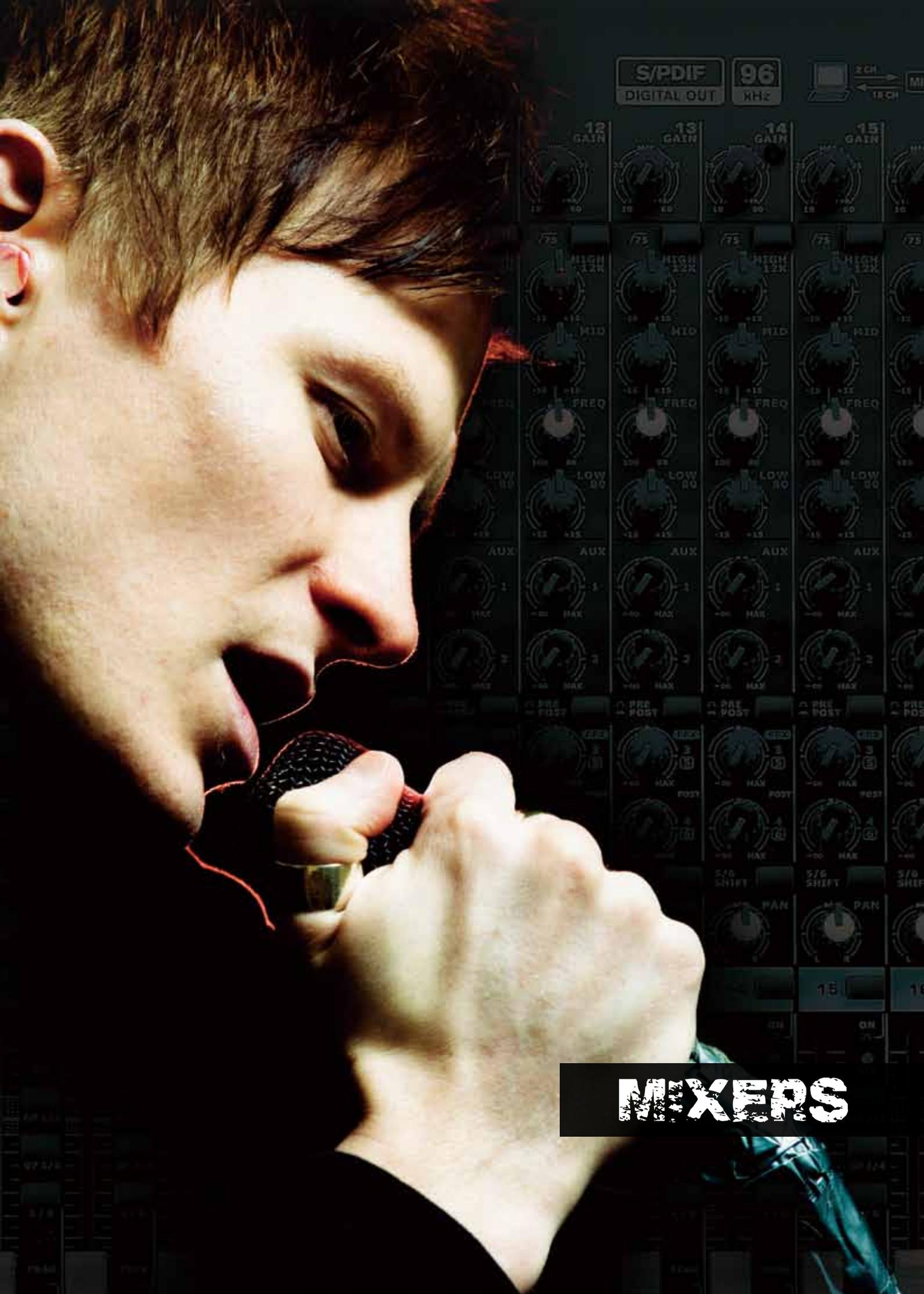
MIXERS

SUMMIT

Phonic's Summit digital mixer provides a color touch screen, 16 Mic/Lines, 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, three-layer construct. Its flexible design, including multi configurable I/O and onboard processor integration, makes the Summit suitable for a variety of live and recording purposes.

25 ONBOARD DYNAMIC PROCESSORS

The Summit offers a total of 25 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 PROCESSORS

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.

COMPACT DESIGN

The compact design of the Summit is achieved by using a three-layer fader system that allows the channel faders to also function as AUX and Group faders, as well as final level controls for the multi outputs, AES/EBU Inputs and effect processors. Layers are switched through the touch of the button and fully-automated faders immediately resume their appropriate positions when layer settings are changed.

SUMMIT 16X16 UNIVERSAL
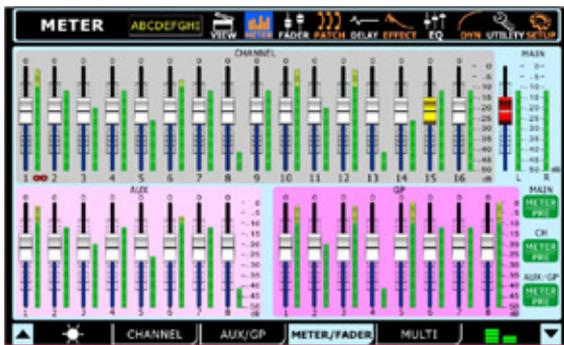
Virtual faders with meter for each input channel, AUX and Group mix

An overview of channel properties
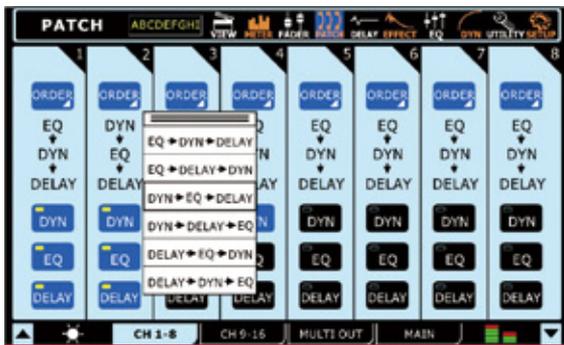
Customizable processing order

Built-in digital effect processor

- 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 three layers (Channels, AUX/Group, Multi)
- 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
- 164 x 450 x 520 mm (6.5" x 17.7" x 20.5") \ 16.9 kg (37.3 lbs)

MIXING CONSOLES

FIREFLY SERIES

The Firefly audio interfaces are professional quality and versatile recording interfaces for songwriters and musicians to make CD-ready recordings anywhere through FireWire and/or USB 2.0 interface in superb 24-bit / 192kHz audio. Inputs and outputs are diverse and many, including XLR, 1/4" and RCA (302 only), as well as digital inputs such as S/PDIF, AES/EBU (808 only) and ADAT (808 only). Compatible with most popular Digital Audio Workstation programs available today, these powerful units provide recording musicians and engineers alike with sophisticated yet user intuitive recording devices.

FIREFLY 808 UNIVERSAL

FIREFLY 808 UNIVERSAL
Studio Recording Preamp with 192 kHz USB 2.0 & FireWire Interface

CUBASE LE₅

- 24-bit resolution, up to 192 kHz sampling rate
- Headphone output and main output with volume control for monitoring purposes
- S/PDIF I/O, AES/EBU I/O, MIDI I/O and word clock I/O
- Stand-alone mixer functionality for field and studio use without computer
- FireWire (IEEE 1394) and USB 2.0 audio interface
- 18 simultaneous inputs and outputs
- 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)
- Channel meters on channel 1 to 8 for input or output
- Synchronization, sampling rate, digital I/O and MIDI in/out indicators
- Dual FireWire ports for daisy chaining and direct connection to Mac or PC
- Instrument input, pad switch, balanced TRS send jacks on Inputs 1 and 2
- Compatible with Mac OSX and Windows XP / Vista / 7
- Steinberg Cubase LE 5 DAW software included
- 483 x 88 x 286 mm (19" x 3.6" x 11.26") \ 6 kg (11 lbs)

FIREFLY 302 USB

FIREFLY 302 USB
Portable 5 x 6 USB 2.0 Audio Interface

- 5 x 6 24-bit/192kHz 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
- Near-zero latency ASIO software monitoring
- 1 x 1 16-channels MIDI I/O
- Power indicator LED
- Powered via included DC power supply
- Sig and Clip LEDs for input and output
- Mac and Windows XP / Vista / 7 compatible
- 155 x 196 x 51 mm (6.1" x 7.7" x 2") \ 0.9 kg (1.98 lbs)

FIREFLY 302 PLUS
Portable 5 x 6 FireWire Audio Interface

- 5 x 6 24-bit/192kHz 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
- Near-zero latency ASIO software 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 LEDs for input and output
- Mac and Windows XP / Vista / 7 compatible
- 155 x 196 x 51 mm (6.1" x 7.7" x 2") \ 0.9 kg (1.98 lbs)

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Phonic's Firefly USB Recorder empowers users to record live audio, concerts, karaoke or jam sessions into MP3 and WAV formats directly to USB storage devices. Two tracks can be recorded simultaneously through the Firefly Recorder's MIC and Line/Phono inputs. The Firefly USB Recorder also enables users to monitor the recording using headphones or review completed tracks via the headphone output. The unit is also a fully functional MP3/WAV player. What's more, the Firefly Recorder converts existing analogue signals (tapes, vinyl, etc.) into digital format!

FIREFLY USB RECORDER
Portable USB Recording Device

- ‣ Record MP3 or WAV files directly to USB storage device
- ‣ MP3 sampling rates up to 320kHz
- ‣ Microphone input with +48V phantom power
- ‣ Unbalanced RCA line/phono input connectors
- ‣ Two 6-segment level meters
- ‣ 1/4" headphone connector with independent level control
- ‣ Clear, concise alphanumerical LCD display

AUTOMATIC FEEDBACK KILLER

USB RECORDER + PLAYER

Silence is Golden

The FR series of powered mixers with feedback killer and USB recorder is not your run-of-the-mill mixer series. Built in one-touch feedback reduction intelligently searches and destroys feedback. The onboard USB recorder allows you to record and playback your performances then upload to any computer. Such a simple idea, why hadn't anyone thought of it before?

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.

CUBASE LE5
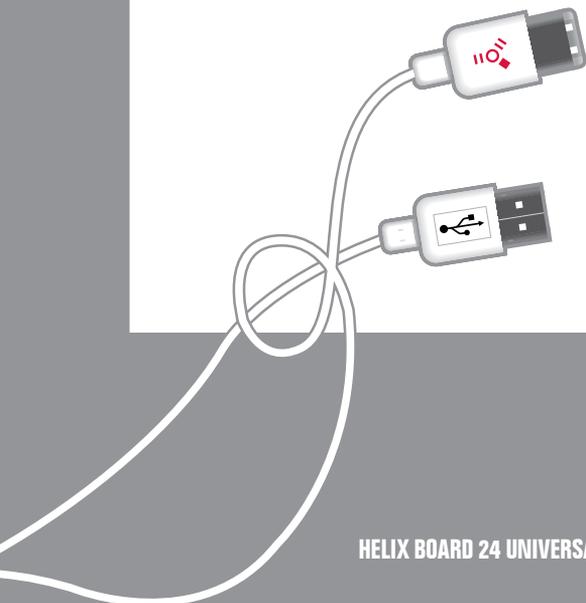
HELIX BOARD 24 UNIVERSAL

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

SHARED FEATURES

▸ 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 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

SHARED FEATURES

- 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)

LOW NOISE PREAMPLIFIERS

FIREWIRE/USB INTERFACE

3-BAND EQUALIZER

DIGITAL EFFECTS

PRE/POST SWITCH

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 pre 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

SHARED FEATURES

- 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

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

FEATURE 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)

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 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-bit digital stereo multi-effect processor with 16 programs, parameter 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]
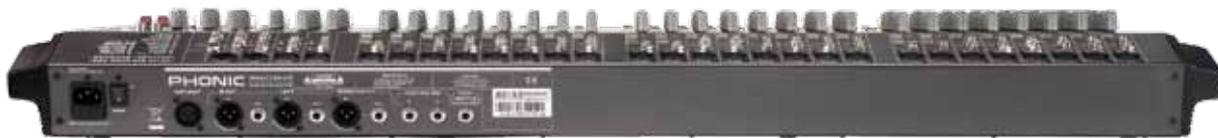
IMPACT 24.4X

POWERPOD FR SERIES

We have added two patent-pending, world's firsts to the much loved Powerpod powered mixers! The Phonic Powerpod FR mixers are enhanced with built-in automatic feedback killer and USB recorder + player. The F behind the model name stands for automatic feedback killer, which underneath all the complex algorithms, does one important thing – gets rid of any feedback in your performance, meeting, etc.   The R stands for USB recorder + player, which allows the main mix to be captured onto any standard USB storage device. Each Powerpod FR has a built-in stereo amplifier which is bridgeable and patchable. Super Hi-Z inputs allow for the addition of guitars and other instruments. A USB recorder is also incorporated into the unit. Powerpod FRs also offer high definition digital effects with 16 preset programs, each with it's own user-definable parameter. The 3-band EQ on every channel and dual multi-band graphic EQ with selectable In/Out switches give you maximum control over your mix.

AUTOMATIC FEEDBACK KILLER

- **12 feedback filters ensure 12 separate instances of feedback can be eliminated**
- **8 single-shot filters search and lock onto feedback frequencies until reset**
- **4 dynamic filters actively search and remove feedback from your audio**
- **Controlled through a 32-bit DSP processor with detailed algorithm**

POWERPOD 620 R
200W 6-Channel Powered Mixer with DFX and USB Recorder

- 100W + 100W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor (Bridge Mono, 200W / 8 ohms)
- USB Recorder + Player
- 32/40-bit digital multi-effect processor with 16 programs - each with a user-adjustable parameter
- 6 balanced Mic inputs and 8 1/4" phone jack inputs
- Two Super Hi-Z inputs optimized for direct instrument input
- 7-band master graphic equalizer
- 2-band equalizer available on all channels
- Global +48V phantom power for Mic inputs
- Pad control on channels 1 to 4
- Monitor and effect sends on each input channel
- 440x245x275mm (17.3"x9.6"x10.8") \ 12 kg (26.46 lbs)

POWERPOD 1062 FR
600W 10-Channel Powered Mixer with DFX, Feedback Killer and USB Recorder + Player

- 300W + 300W (at 4 ohms) stereo power amplifier for Main L/R or Mono/Monitor
- Automatic Feedback Killer
- USB Recorder + Player
- 32/40-bit digital multi-effect processor with 16 programs - each with a user-adjustable parameter
- 9 balanced microphone inputs and 12 1/4" phone jack inputs
- Two super Hi-Z inputs optimized for direct instrument inputs
- Global phantom power for condenser microphones
- Dual 8-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- 3-band equalizer available on all channels
- Rumble filter for Mic inputs
- Pad control on channels 1 to 6
- Monitor and effect sends on each input channel
- 471 x 285 x 275 mm (18.5" x 11.2" x 10.8") \ 21.5 kg (47.4 lbs)

POWERPOD 1082 FR
800W 10-Channel Powered Mixer with DFX, Feedback Killer and USB Recorder + Player

- 400W + 400W (at 4 ohms) stereo power amplifier for Main L/R or Mono/Monitor
- Automatic Feedback Killer
- USB recorder + player
- 32/40-bit digital multi-effect processor with 16 programs - each with a user-adjustable parameter
- 9 balanced microphone inputs and 12 1/4" phone jack inputs
- Two super Hi-Z inputs optimized for direct instrument inputs
- Global phantom power for condenser microphones
- Dual 8-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- 3-band equalizer available on all channels
- Rumble filter for Mic inputs
- Pad control on channels 1 to 6
- Monitor and effect sends on each input channel
- 471 x 285 x 275 mm (18.5" x 11.2" x 10.8") \ 21.5 kg (47.4 lbs)

ALREADY GOT A HARD WORKING, DURABLE POWERPOD?

We know your Powerpod is still working hard and working well because we built them to last. Don't be left out of the new enhancements.

USB RECORDER + PLAYER

▸ **Record WAV files directly to any formatted USB storage device**
▸ **Playback previously recorded MP3 or WAV files**
▸ **Clear 3-digit display plus play and pause indicators**

POWERPOD 740 R

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

▸ 220W + 220W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor
▸ USB Recorder + Player
▸ 32/40-bit digital multi-effect processor with 16 programs - each with a user-adjustable parameter
▸ 7 balanced microphone inputs with rumble filters and 10 1/4" phone jack inputs
▸ Two super Hi-Z inputs optimized for direct instrument input
▸ Dual 7-band graphic equalizers with In/Out switches for Main L/R or Main/Monitor
▸ 3-band equalizer available on all channels
▸ 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 740 FR

440W 7-Channel Powered Mixer with DFX, Feedback Killer and USB Recorder + Player

▸ 220W + 220W / 4 ohms dual channel power amplifier for Main 1/2 or Main/Monitor
▸ Automatic Feedback Killer
▸ USB Recorder + Player
▸ 32/40-bit digital multi-effect processor with 16 programs - each with a user-adjustable parameter
▸ 7 balanced microphone inputs with rumble filters and 10 1/4" phone jack inputs
▸ Two super Hi-Z inputs optimized for direct instrument input
▸ Dual 7-band graphic equalizers with In/Out switches for Main L/R or Main/Monitor
▸ 3-band equalizer available on all channels
▸ 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)

POWERED MIXERS

POWERPOD SERIES

POWERPOD 410

POWERPOD 740 PLUS

POWERPOD 820

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 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 1860 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)

POWERPOD 1062 (PLUS)

600W 10-Channel Powered Mixer with DFX

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

SHARED FEATURES

- 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

POWERPOD 1082 (PLUS)

800W 10-Channel Powered Mixer with DFX

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

- 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 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)

SHARED FEATURES

- 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

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)

- 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

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POWERED MIXERS

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

FEATURE 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 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 802
8-Input Compact Mixer

- ▶ 2 balanced Mic/Line inputs and 2 stereo Line inputs
- ▶ 3-band EQ on every channel
- ▶ One stereo AUX return
- ▶ Stereo EFX Send cue for monitoring individual channel in stereo image
- ▶ Mono/Stereo switch on main mix for checking mono system playback
- ▶ Peak and VU Metering
- ▶ Peak indicators on each mono input channel
- ▶ Separate main mix, control room and headphone outputs
- ▶ 190 x 56 x 233 mm (7.5" x 2.2" x 9.2") \ 1.5kg (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 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.

COMPACT MIXERS

AM SERIES

The Phonic AM analog mixers are compact and versatile with 5 to 24 mono Mic/Line and stereo inputs built into low-profile, stylish casings. 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 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. In 2010, Phonic introduces the AM 'P' series - quality analog mixers with built-in USB player that allows playback of high quality WAV, MP3 and WMA files! Balanced stereo main outputs through 1/4" TRS jacks round off the AM mixers, making them ideal for real-world studio application.

AM 440D

LOOK OUT FOR AM MIXERS WITH USB PLAYER BUILT-IN IN 2010

FEATURE 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 844D

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 / AM642P
6 Mic/Line 4 Stereo 2 Group Mixer with GEQ & DFX

- AM642P comes with a built-in USB player
- 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)

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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.

ZX4

PM801

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)

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

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)

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)

SPEAKERS

CENTER SERIES

The Phonic Center series offers just what you need in a professional live sound reinforcement speaker, the four 'highs': high power handling, high sensitivity, high fidelity and high quality. The series consists of 2-way speakers, as well as a range of subwoofer speakers, all of varying shapes and sizes. Use the Center series as your main front-of-house speakers in small to large venues, as floor monitors for musicians (Center 12M), for bass enhancement in any setup ('SB' models), or as side-fill in larger systems. Suspend speakers from ceilings and angle for better coverage, or mounted onto stands, poles and trusses (model dependant). With such versatility in a single speaker range – not to mention the scratch resistant paint that ensures the Center speakers can be moved from one place to another without damaging the surface – the set-up possibilities are virtually endless with the Center.

CENTER 215

CENTER 18SB

CENTER 10

CENTER 12

CENTER 15

CENTER 10
200W 10" 2-Way Passive Stage Speaker

- Power rating (RMS/Program): 200W / 400W
- 10" differential drive woofer
- 1" compression driver
- Frequency response: 60 Hz – 20 kHz
- Coverage pattern: 90 degrees x 50 degrees nominal
- Nominal Impedance: 8 ohms
- Forged eyebolts for fixed installation
- Sensitivity (1W @ 1m): 96 dB
- 520 x 330 x 330 mm (20.5" x 13" x 13") 11.6 kg (25.6 lbs)

CENTER 12
300W 12" 2-Way Passive Stage Speaker

- Power rating (RMS/Program): 300W / 600W
- 12" differential drive woofer
- 1" compression driver
- Frequency response: 55 Hz – 18 kHz
- Coverage pattern: 90 degrees x 50 degrees nominal
- Forged eyebolts for fixed installation
- Nominal Impedance: 8 ohms
- Sensitivity (1W @ 1m): 97 dB
- 610 x 380 x 380 mm (24"x 15" x 15") 13.5 kg (29.8 lbs)

CENTER 12M
300W 12" 2-Way Passive Stage / Floor Monitor Speaker

- Power rating (RMS/Program): 300W / 600W
- 12" differential drive woofer
- 1" compression driver
- Frequency response: 55 Hz – 18 kHz
- Coverage pattern: 90 degrees x 50 degrees nominal
- Nominal Impedance: 8 ohms
- Sensitivity (1W @ 1m): 97 dB
- 610 x 350 x350 mm (24" x 13.8" x 13.8") 13.5 kg (29.8 lbs)

CENTER 15
400W 15" 2-Way Passive Stage Speaker

- Power rating (RMS/Program): 400W / 800W
- 15" differential drive woofer
- 1" compression driver
- Frequency response: 50 Hz – 18 kHz
- Coverage pattern: 80 degrees x 50 degrees nominal
- Forged eyebolts for fixed installation
- Nominal Impedance: 8 ohms
- Sensitivity (1W @ 1m): 99 dB
- 740 x 450 x 450 mm (29.1" x 17.7" x 17.7") 15.8 kg (34.8 lbs)

CENTER 215
800W Dual 15" 2-Way Passive Stage Speaker

- Power rating (RMS/Program): 800W / 1600W
- Dual 15" differential drive speakers
- 1" compression driver for mids and highs
- Frequency response: 45 Hz – 18 kHz
- Coverage pattern: 90 degrees x 60 degrees nominal
- Nominal Impedance: 4 ohms
- Sensitivity (1W @ 1m): 99 dB
- 1160 x 500 x 500 mm (45.7" x 19.7" x 19.7") 42.5 kg (93.7 lbs)

CENTER 18SB
500W 18" Passive Subwoofer

- Power rating (RMS/Program): 500W / 1000W
- 18" differential drive woofer
- Frequency response: 35 Hz – 200 Hz
- Top-mounted pole receptacle for easy expansion
- Nominal Impedance: 8 ohms
- Sensitivity (1W @ 1m): 99 dB
- 690 x 560 x 600 mm (27.1" x 22" x 23.6") 28 kg (61.7 lbs)

CENTER 215SB
600W Dual 15" Passive Subwoofer

- Power Rating (RMS/Program): 600W / 1200W
- Dual 15" differential drive woofer
- Frequency Response : 40 Hz – 250 Hz
- Sensitivity (1w @ 1m): 96dB SPL
- Nominal Impedance: 4 ohms parallel
- 500 x 982 x 510 mm (19.7" x 38.7" x 20")

CENTER 12M

CENTER 215SB

SE 725 PLUS

SEM 715 PLUS   **SEM 715A MKII**

SEM 712 PLUS   **SEM 712A MKII**

SEM 710 PLUS

SEM 710 PLUS
10" 2-way Stage/Floor Speaker

- Double duty: use as a floor monitor or mounted as a raised sound reinforcement speaker
- Power handling: 150 Watts (RMS); 300 Watts (Program)
- Frequency response: 65 Hz ~ 20 KHz
- High sound pressure level, 96 dB SPL @ 1W / 1M
- 10" heavy-duty woofer and piezo tweeter
- 8 ohm nominal load
- Built-in handle
- 35 mm stand adapter built-in
- Dual 1/4" phone jacks
- 491x351x341mm (19.3"x13.8"x13.4") \ 11.2 kg (24.7 lbs)

SEM 712A MKII
Active 12" 2-way Stage/Floor Speaker

- Double duty: use as a floor monitor or mounted as a raised sound reinforcement speaker
- Built-in amplifier : 720W (Peak), 360 W (Program), 120W (RMS)
- Frequency response: 60 Hz - 20 kHz
- High sound pressure level, 120 dB SPL @ 1W / 1M
- 12" heavy-duty woofer and piezo tweeter
- 8 ohm nominal load
- Built-in handle
- 35 mm stand adapter built-in
- 1/4" phone jack and XLR input
- Link speakers through 1/4" phone jack output
- 540x376x356mm (21.3"x14.8"x14") \ 15.5 kg (34.2 lbs)

SEM 715A MKII
Active 15" 2-Way Stage/Floor Speaker

- Double duty: use as a floor monitor or mounted as a raised sound reinforcement speaker
- Built-in amplifier: 720W (Peak), 360 (Program), 120W (RMS)
- Frequency response: 50 Hz - 20 kHz
- High sound pressure level, 122 dB SPL @ 1W / 1M
- 15" heavy-duty woofer and piezo tweeter
- Built-in handle
- 35 mm stand adapter built-in
- 1/4" phone jack and XLR inputs
- Link speakers through 1/4" phone jack output
- 679x476x388mm (26.7"x18.7"x15.3") \ 21.5 kg (47.4 lbs)

SEM 712 PLUS
12" 2-way Stage/Floor Speaker

- Double duty: use as a floor monitor or mounted as a raised sound reinforcement speaker
- Power handling: 175 Watts (RMS); 350 Watts (Program)
- Frequency response: 60 Hz ~ 20 KHz
- High sound pressure level, 95 dB SPL @ 1W / 1M
- 12" heavy-duty woofer and piezo tweeter
- 8 ohm nominal load
- Built-in handle
- 35 mm stand adapter built-in
- Dual 1/4" phone jacks
- 540x376x356mm (21.3"x14.8"x14") \ 13 kg (28.6 lbs)

SEM 715 PLUS
15" 2-way Stage/Floor Speaker

- Double duty: use as a floor monitor or mounted as a raised sound reinforcement speaker
- Power handling: 230 Watts (RMS); 460 Watts (Program)
- Frequency response: 50 Hz ~ 20 KHz
- High sound pressure level, 98 dB SPL @ 1W / 1M
- 15" heavy-duty woofer and piezo tweeter
- 8 ohm nominal load
- Built-in handle
- 35 mm stand adapter built-in
- Dual 1/4" phone jacks
- 679x476x388mm (26.7"x18.7"x15.3") \ 19 kg (40.5 lbs)

SE 725 PLUS
Dual 15" Passive Speaker

- Power handling: 400 Watts (RMS); 800 Watts (Program) at 4 ohms
- Two 15" woofers matched with a 1" piezo tweeter
- High sound pressure level
- Wide frequency response: 40 Hz - 20 kHz
- 1/4" phone jack inputs
- High sound pressure level: 100 dB SPL @ 1 W / 1 M
- Carpeted trapezoidal box
- 1085x476x388mm (42.7"x18.7"x15.3") \ 32.5 kg (71.6 lbs)

IMPRESSION PLUS 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 bullt-in 35 mm stand mounts and trapezoidal enclosure construction mean you'll never be at a loss for placement of these speakers.

IMPRESSION 215 PLUS

IMPRESSION 15 PLUS

IMPRESSION 18SB PLUS

IMPRESSION 15SB PLUS
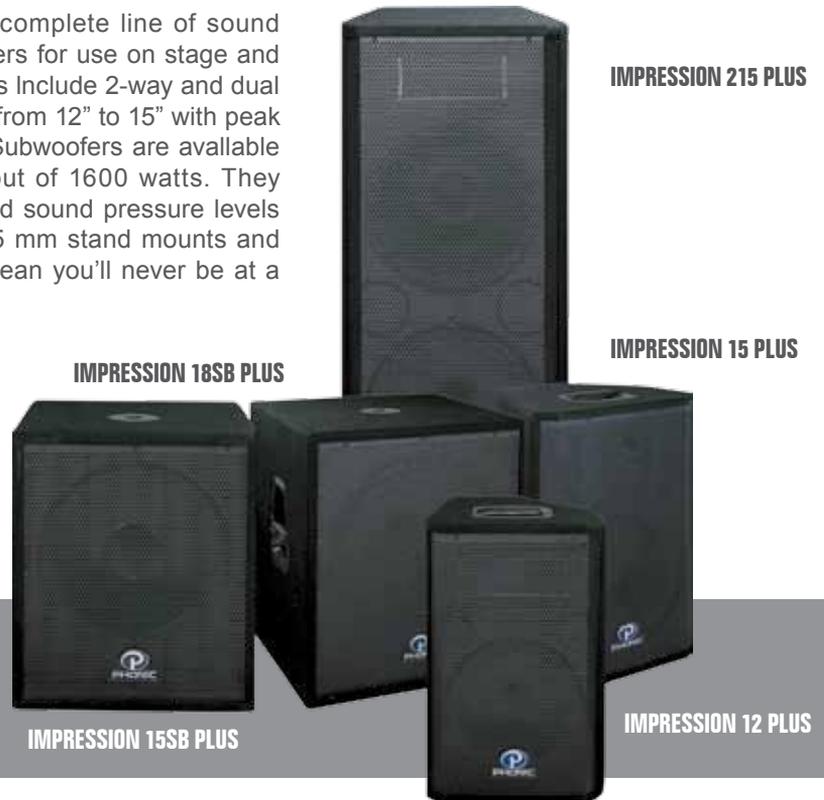
IMPRESSION 12 PLUS

IMPRESSION 12 *PLUS*
300W 12'' 2-Way Passive Stage / Floor Monitor Speaker

- Power handling: 300 Watts (RMS) / 1200 Watts (Peak) @ 8 ohms
- Versatile use as a floor monitor or mounted as a raised sound reinforcement speaker
- High sound pressure level: 98 dB SPL @ 1 W / 1 M
- Frequency response: 55 Hz – 20 kHz
- 1.75" (44 mm) diaphragm tweeter
- Constant directivity horn with 60 x 90 degrees of coverage
- HF driver protection system
- Trapezoidal enclosure for array system
- One 35 mm socket at bottom for stand or pole mounting
- Professional speaker connectors and 1/4" phone jacks (In and Link Out)
- Solid steel grille protection
- 600 x 380 x 340 mm (23.6" x 15" x 13.4") \ 16.2 kg (35.7 lbs)

IMPRESSION 15 *PLUS*
300W 15'' 2-Way Passive Stage / Floor Monitor Speaker

- Power handling: 300 Watts (RMS) / 1200 Watts (Peak) @ 8 ohms
- Versatile use as a floor monitor or mounted as a raised sound reinforcement speaker
- High sound pressure level: 98 dB SPL @ 1 W / 1 M
- Frequency response: 48 Hz – 20 kHz
- 1.75" (44 mm) diaphragm tweeter
- Constant directivity horn with 90 x 60 degrees of coverage
- HF driver protection system
- Trapezoidal enclosure for array system
- One 35 mm socket at bottom for stand or pole mounting
- Speakon-type connectors and 1/4" phone jacks (In and Link Out)
- Solid steel grille protection
- 660 x 465 x 370 mm (26" x 18.3" x 14.6") \ 19.7 kg (43.4 lbs)

IMPRESSION 15SB *PLUS*
500W 15" Passive Subwoofer

- Power handling: 500 Watts (RMS), 2000 Watts (Peak) @ 4 ohms
- High sound pressure level: 98 dB SPL @ 1 W / 1 M
- Frequency response: 33 Hz – 250 Hz
- Durable die-cast handles
- One 35 mm socket on top for pole mounting
- Speakon-type connectors and 1/4" phone jacks (In and Link Out)
- Solid steel grille protection
- 632 x 464 x 445 mm (24.9" x 18.3" x 13.2") \ 26.5 kg (58.4 lbs)

IMPRESSION 18SB *PLUS*
700W 18" Passive Subwoofer

- Power handling: 700 Watts (RMS) / 2800 Watts (Peak) @ 4 ohms
- High sound pressure level: 99 dB SPL @ 1 W / 1 M
- Frequency response: 33 Hz – 250 Hz
- Durable die-cast handles
- One 35 mm socket on top for pole mounting
- Speakon-type connectors and 1/4" phone jacks (In and Link Out)
- Solid steel grille protection
- 860 x 680 x 465 mm (33.9" x 26.8" x 18.3") \ 45.2 kg (101 lbs)

IMPRESSION 215 *PLUS*
600W Dual 15" 2-Way Passive Stage Speaker

- Power handling: 600 Watts (RMS) / 2400 Watts (Peak) @ 4 ohms
- High sound pressure level: 100 dB SPL @ 1 W / 1 M
- Frequency response: 40 Hz – 20 kHz
- 1.75" (44mm) diaphragm tweeter
- Constant directivity horn with 90 x 60 degrees of coverage
- HF driver protection system
- Durable die-cast handles
- Trapezoidal enclosure
- Speakon-type connectors and 1/4" phone jacks (In and Link Out)
- 1085 x 485 x 475 mm (42.7" x 19.1" x 18.7") \ 38.5 kg (84.8 lbs)

The Nexus Active Speakers and Subwoofers are 15" 2-way and subwoofer speakers built into stylish, molded enclosures specially designed for maximum audio dispersion. With 400 to 450 Watt amplifiers built in, the Nexus series offers high sound pressure levels with versatile operation through the included XLR inputs and outputs. The Nexus 935SB increases flexibility further by offering two powered outputs able to provide 200 Watts of power to two full-range speakers. All these features, plus the built-in protection circuitry, combine to make the Nexus series the most reliable and versatile available.

NEXUS 540

NEXUS 540
15" 400W Active Speaker

▸ Bi amplified design with 400 Watts (RMS)
▸ Offers a 15" woofer matched with a 1" tweeter
▸ Switchable Mic/Line balanced input
▸ Low cut filter: 75 Hz, 18 dB / octave
▸ Contour switch with 5 dB boost @ 120 Hz (1/3 octave), 5 dB boost @ 10.5 kHz (1/3 octave)
▸ Crossover point at 2.5 kHz
▸ Built in limiter for overload protection
▸ Durable, lightweight speaker cabinet with dynamic sound
▸ Balanced XLR-type inputs with switched Mic/Line sensitivity plus an XLR-type LINK OUT
▸ 693 x 442 x 342 mm (27.3" x 17.4" x 13.5") \ 21.5 kg (47.4 lbs)

NEXUS 915SB
450W Active 15" Subwoofer

▸ Built-in 450 Watt (RMS) amplifier
▸ Balanced XLR input and output
▸ Built-in protection circuitry
▸ Lightweight cabinet with dynamic sound
▸ 128 dB Max SPL (1 Watt @ 1 meter)
▸ 22k ohm input impedance
▸ 35mm pole mounting point
▸ 645 x 495 x 440 mm (25.4" x 19.5" x 17.3") \ 24 kg (52.9 lbs)

NEXUS 935SB
250W Active 15" Subwoofer with two 100W full-range powered outputs

▸ Built-in 250 Watt (RMS) amp for the subwoofer and 2 x 100 Watts (RMS) for external full range speakers
▸ Balanced XLR input and output
▸ Two 1/4" phone jack outputs for powering passive full-range speakers with 100 Watts (per channel)
▸ Built-in protection circuitry
▸ Lightweight cabinet with dynamic sound
▸ 123 dB Max SPL (1 Watt @ 1 meter)
▸ 22k ohm input impedance
▸ 35mm pole mounting point
▸ 645 x 495 x 440 mm (25.4" x 19.5" x 17.3") \ 24 kg (52.9 lbs)

NEXUS 915SB / NEXUS 935SB

STUDIO MONITORS

P5A
P6A
P8A

Phonic Active Studio Monitors produce extremely accurate, crystal clear sound. The series offers a bi-amplified design with output power up to 320 Watts, the P5A, P6A and P8A studio monitors offer flawless sound reproduction in all situations. Also featured are bicolored On/Clip Indicators, built-in overload protection circuits, and incredibly wide frequency responses. Use these monitors in acoustically perfect or challenging environments for consistent performance and quality every time.

FEATURE OVERVIEW

- ▶ **Built-in adjustable high match, low match**
- ▶ **Extremely wide sweet spot and good imaging**
- ▶ **Built-in speaker response controls**

- ▶ **Room Compensation**
- ▶ **Magnetically shielded**
- ▶ **Overload protection**

- ▶ **Front bi-color (On/Clip) indicator**
- ▶ **XLR and 1/4" inputs**
- ▶ **High grade MDF wooden cabinet**

P5A
210W 2-Way High Resolution Active Monitor

- ▶ Bi-amplified design with 140W for the low frequencies and 70W for the highs
- ▶ Flat response from 70 Hz to 20 kHz
- ▶ 5" Woofer, 1" silk-dome tweeter
- ▶ 295 x 196 x 295 mm (11.6" x 7.7" x 11.6") 5.6 kg (12.9 lbs)

P6A
210W 2-Way High Resolution Active Monitor

- ▶ Bi-amplified design with 140W for the low frequencies and 70W for the highs
- ▶ Flat response from 55 Hz to 20 kHz
- ▶ 6 1/4" Woofer, 1" silk-dome tweeter
- ▶ 351 x 221 x 300 mm (13.8" x 8.7" x 11.8") 8.2 kg (18 lbs)

P8A
320W 2-Way High Resolution Active Monitor

- ▶ Bi-amplified design with 212W for the low frequencies and 106W for the highs
- ▶ Flat response from 45 Hz to 22 kHz
- ▶ 8 3/4" Woofer, 1" silk-dome tweeter
- ▶ 429 x 269 x 231 mm (16.9" x 10.6" x 9") 10 kg (22 lbs)

⚠ **WARNING:** Phonic is not responsible for any musical imperfections suddenly made audible through the use of these studio monitors. Phonic Active Studio Monitors produce such accurate, crystal clear sound that there's not a bum note, out-of-tune instrument or audio particle that you won't hear. Featuring a bi-amplified design with high output power, the P5A, P6A and P8A studio monitors offer flawless sound reproduction that can undoubtedly impress the most discerning of ears.

VERSATAP 50 · SE 207 · SE 206 · SEp 206 · VERSATAP 30 · SEp 207

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 taps 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
- 184 x 114 x 108 mm (7.25" x 4.5" x 4.25") \ 25 kg (55 lbs)

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 taps positions (2.5, 5, 10, 20W) and 50W (8 Ohm) bypass
- Moisture resistant lightweight plastic enclosure
- U-mount bracket included
- 292 x 197 x 210 mm (11.5" x 7.75" x 8.25") \ 25 kg (55 lbs)

SE 206
5 1/4" 2-Way Molded Speaker

- Power Capacity: 30 Watts
- Sensitivity: 88 dB SPL @ 1W / 1M
- Frequency Response: 80 Hz ~ 16 kHz
- 1" Tweeter and 5 1/4" Woofer
- U-mount bracket included
- 235 x 160 x 178 mm (9.25" x 6.3" x 7") \ 2.3 kg (5.07 lbs)

SE 207
6 1/2" 2-Way Molded Speaker

- Power Capacity: 50 Watts
- Sensitivity: 90 dB SPL @ 1W / 1M
- Frequency Response: 70 Hz ~ 20 kHz
- 1" Tweeter and 6 1/2" Woofer
- U-mount bracket included
- 292 x 197 x 210 mm (11.5" x 7.75" x 8.27") \ 3.1 kg (6.83 lbs)

SEp 206
Powered 5 1/4" Molded Speaker

- Built-in 20W power amplifier
- One XLR (female) input jack
- Frequency Response: 80 Hz ~ 16 kHz
- 1" Tweeter and 5 1/4" Woofer
- U-mount bracket included
- 235 x 160 x 178 mm (9.25" x 6.3" x 7") \ 2.8 kg (6.17 lbs)

SEp 207
Powered 6 1/2" Molded Speaker

- Built-in 20W power amplifier
- One XLR (female) input jack
- Frequency Response: 70 Hz ~ 20 kHz
- 1" Tweeter and 6 1/2" Woofer
- U-mount bracket included
- 292 x 197 x 210 mm (11.5" x 7.75" x 8.27") \ 3.6 kg (7.94 lbs)

CEILING SPEAKERS

- Iron-molded circular construct with fire-proof coating
- Coaxial driver reduces size and improves sound quality
- Mount speakers with C-type iron rings or lightweight V-type steel brackets; fasten with auto-lock nails
- Built-in transformer

IW 4030
4" x 1.5" Driver Speaker

IW 5006
5" x 3/4" Coaxial Driver Speaker

IW 506
5" Driver Speaker

IW 656
6.5" Driver Speaker

IW 6510
6.5" x 1" Coaxial Driver Speaker

IW 810
8" Driver Speaker

IW 8030
8" x 1" Coaxial Driver Speaker

IW 8030LP
8" x 1" Coaxial Driver Speaker

IW 1060
10" Subwoofer Driver Speaker

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SOUND AMBASSADOR

The Phonic Sound Ambassador systems are active PA speakers with built-in mixers ideal for use at assemblies, presentations, functions, and business meetings. The Sound Ambassador 35 Deluxe and 75 Deluxe can be customized to accommodate two wireless UHF microphones, as well as a CD player with MP3 playback. With multiple inputs available on each model's mixer, the Sound Ambassadors all feature Line Out connectors, enabling two or more units to be linked together. Additional passive and active expansion speakers can also be connected to the units to round out the entire setup. Built-in batteries ensure you can use the Sound Ambassador anywhere, at any time. All of these features combine to make the Sound Ambassador a must-have for any school, house of worship, business or club.

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 wireless microphones
- Optional anti-shock CD player with MP3 playback
- 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
- Two expansion slots for the addition of UHF PLL synthesized diversity wireless receiver modules
- Built-in diversity receiving antennas
- One 1/4" phone jack for wired microphone input
- 1/4" phone jack 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
- Compatible with the Phonic S3 tripod speaker stand
- 331 x 230 x 244 mm (13" x 9" x 9.6") \ 7 kg (15.4 lbs)

SOUND AMBASSADOR 75 DELUXE
75 Watt Mobile Sound System

- Portable sound system with wheels and retractable handle
- Optional wireless microphones (UHF) and anti-shock CD player with MP3 playback
- 100 - 240VAC switching power supply
- 10" 2-way speaker system (75 Watts @ 4 ohms)
- 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
- 612 x 300 x 350 mm (24" x 11.8 x 13.8") \ 19.5 kg (43 lbs)

SOUND AMBASSADOR 35 DELUXE

SOUND AMBASSADOR 75 DELUXE

SOUND AMBASSADOR 40A

Active Expansion Speaker for the Sound Ambassador 35 Deluxe

- ▸ 6.5" full range speaker and 35 watt power amp built-in
- ▸ 2.7Ah acid-lead battery built-in, operates on DC or AC power
- ▸ Echo effect and tone control for sweetening your voice
- ▸ 25mm diameter tripod stand adapter included
- ▸ Speaker output jack for external passive speaker (Sound Ambassador 40P)
- ▸ 336 x 220 x 216 mm (13.2" x 8.7" x 8.5") \ 6.5 kg (14.3 lbs)

SOUND AMBASSADOR 80A

Active Expansion Speaker for the Sound Ambassador 75 Deluxe

- ▸ 10" 2-way speaker system with 75 watt power amplifier
- ▸ Frequency response: 50Hz to 18kHz
- ▸ 100-240VAC switching power supply
- ▸ Built-in DC charging circuit
- ▸ 24 VDC supply from two built-in, maintenance-free lead acid type rechargeable batteries
- ▸ 24-32VDC inlet for external power supply
- ▸ Two 1/4" phone jacks for input & output
- ▸ Built-in limiter and protection circuitry to minimize distortion and overload
- ▸ Tripod stand adapter included
- ▸ 612 x 300 x 350 mm (24" x 11.8 x 13.8") \ 18 kg (39.7 lbs)

SOUND AMBASSADOR 40P

Passive Expansion Speaker for the Sound Ambassador 35 Deluxe

- ▸ Passive speaker for the extension of SA35D
- ▸ 6.5" full range speaker and 35 watts program power handling
- ▸ Sensitivity 92dB SPL @1W/1M
- ▸ 25mm diameter tripod stand adapter included
- ▸ 336 x 220 x 216 mm (13.2" x 8.7" x 8.5) \ 4 kg (8.8 lbs)

SOUND AMBASSADOR 80P

Passive Expansion Speaker for the Sound Ambassador 75 Deluxe

- ▸ 10" 2-way speaker system
- ▸ Power handling: 75 watts
- ▸ Frequency response: 50Hz to 18kHz
- ▸ Sensitivity: 96dB SPL @ 1m
- ▸ Two 1/4" phone jack for input & output
- ▸ Tripod stand adapter included
- ▸ 612 x 300 x 350 mm (24" x 11.8 x 13.8") \ 12 kg (26.5 lbs)

Optional Accessories:
- ▸ UM30: Wireless UHF Handheld Microphone System
- ▸ UM40: Wireless UHF Lavaliere Microphone System
- ▸ UM50: Wireless UHF Headset Microphone System
- ▸ CD Player with MP3 Playback

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ROADGEAR PLUS SERIES

Take your band on the road with the RoadGear. The RoadGear is a totally hassle-free, mobile sound solution for touring bands and musicians. The RoadGear 160 Plus and 260 Plus are self-sufficient systems housing two 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 and bands in any venue that calls for a quick, five minute setup.

ROADGEAR 260 PLUS

FEATURE OVERVIEW

- Luxury luggage-style molded cabinet with wheels
- Speaker system with 1" compression driver and 8" woofers
- One stereo input channel and one stereo AUX return
- 2-band EQ on each input channel
- Speaker outputs with send and return jacks
- Two 30 ft speaker cables
- Storage compartments for microphones, cables and accessories
- Operates on AC or DC power

ROADGEAR 160 PLUS
160 Watt Mobile Sound System

- 160W (80W per channel) stereo power amplifier
- 5-Channel powered mixer (three Mic/Line, one stereo) with phantom power
- Echo effect with delay and repeat controls
- System bass/treble control
- One dynamic microphone with mic clip, cable and carry pouches
- 818 x 635 x 352 mm (32.2" x 25" x 13.9") \ 27 kg (59.5 lbs)

ROADGEAR 260 PLUS
260 Watt Mobile Sound System

- 260W (130W per channel) stereo power amplifier
- 8-Channel powered mixer (four Mic/Line, two stereo) with phantom power
- DFX, our 24-bit digital multi-effect processor with 16 programs and foot switch jack
- 3-band system equalizer
- Two dynamic microphones with mic clips, cables and carry pouches
- 818 x 635 x 352 mm (32.2" x 25" x 13.9") \ 28 kg (61.7 lbs)

Optional Accessories:
- Wireless UHF handheld, lavaliere and head-set microphones (UM31, UM41, UM51, respectively)
- Speaker stands and mounts (MK1-RG, MK2-RG, SK1, SK2)
- RoadGear travel bag (TB-RG)

MAX SERIES

All 6 models in the Phonic MAX series of power amplifiers provides a range of different power options and are big on added features. Input to the MAX amps is achieved via XLR and 1/4" jacks, and output is achieved through either professional standard speakon connectors or traditional binding posts. Common to all models are such features as grounding switches, detented gain controls, signal and clip indicators and multiple user-selectable output operating modes. All of this, plus the high efficiency circuitry design and ultra-cool operation, makes the MAX series ideal for real world, large scale application.

MAX 2500 PLUS

MAX 250
160W Power Amp

- Output power: 80W @ 4 ohms stereo, 60W @ 8 ohms stereo
- Studio quality performance with very low noise and wide dynamic range
- Class H high efficiency circuitry design
- Ultra-low total harmonic distortion
- High damping factor provides exceptional loudspeaker motion control
- Detented level controls for precise repeatability
- Signal and CLIP indicators to monitor performance
- Short circuit, thermal, subsonic, RF protection, output DC offset, over-heat protection and power on/off muting
- Convection cooling system dissipates heat through the heat sink and chassis for noise-free operation
- One rack unit
- 482 x 44 x 250 mm (19" x 1.75" x 5062") \ 6.7 kg (14.8 lbs)

MAX 860 PLUS
600W Power Amp

- Output power: 300W @ 4 ohms stereo, 200W @ 8 ohms stereo
- High-current toroidal transformers for greater power and low noise
- Balanced XLR and 1/4" phone jack inputs
- Binding post and Speakon-type outputs
- Front mounted gain controls for easy access
- Signal and Peak LED indicators to monitor performance
- Short circuit, thermal, subsonic, RF protection, output DC offset
- Power on/off muting
- Grounding / Floating switch to avoid grounding loop
- 482.6 x 88 x 415 mm (19" x 3.46" x 15.9") \ 14.6 kg (32.2 lbs)

MAX 2500 PLUS
1500W Power Amp

- Output power: 750W @ 4 ohms stereo, 500W @ 8 ohms stereo
- High-current toroidal transformers for greater power and low noise
- Balanced XLR and 1/4" phone jack inputs
- Binding post and Speakon-type outputs
- Front mounted gain controls for easy access
- Signal and Peak LED indicators to monitor performance
- Short circuit, thermal, subsonic, RF protection, output DC offset
- Power on/off muting
- Grounding / Floating switch to avoid grounding loop
- 482.6 x 88 x 415 mm (19" x 3.46" x 15.9") \ 18 kg (39.7 lbs)

MAX 500
240W Power Amp

- Output power: 120W @ 4 ohms stereo, 90W @ 8 ohms stereo
- Studio quality performance with very low noise and wide dynamic range
- Class H high efficiency circuitry design
- Ultra-low total harmonic distortion
- High damping factor provides exceptional loudspeaker motion control
- Detented level controls for precise repeatability
- Signal and CLIP indicators to monitor performance
- Protect indicator
- Short circuit, thermal, subsonic, RF protection, output DC offset, over-heat protection and power on/off muting
- Convection cooling system dissipates heat through the heat sink and chassis for noise-free operation
- One rack unit
- 482 x 44 x 340 (19" x 1.75" 7.65") \ 7.85 kg (17.3 lbs)

MAX 1500 PLUS
900W Power Amp

- Output power: 450W @ 4 ohms stereo, 280W @ 8 ohms stereo
- High-current toroidal transformers for greater power and low noise
- Balanced XLR and 1/4" phone jack inputs
- Binding post and Speakon-type outputs
- Front mounted gain controls for easy access
- Signal and Peak LED indicators to monitor performance
- Short circuit, thermal, subsonic, RF protection, output DC offset
- Power on/off muting
- Grounding / Floating switch to avoid grounding loop
- 482.6 x 88 x 415 mm (19" x 3.46" x 15.9") \ 15.5 kg (34.2 lbs)

MAX 3500
2400W Power Amp

- Output power: 1200W @ 4 ohms stereo, 750W @ 8 ohms stereo
- High-current toroidal transformers for greater power and low noise
- Balanced XLR input on each channel
- Binding post and Speakon-type outputs
- Front mounted gain controls for easy access
- Signal and Peak LED indicators to monitor performance
- Short circuit, thermal, subsonic, RF protection, output DC offset
- Power on/off muting
- Grounding / Floating switch to avoid grounding loop
- 482.6 x133.5 x 390 mm (19" x 5.25" x 15.35") \ 21.6 kg (47.6 lbs)

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. Phonic's XP Power Amplifiers are specially designed for professionals who value high power, audio clarity, reliability and lasting performance.

XP3000

FEATURE OVERVIEW

- ▸ **Front-mounted gain controls**
- ▸ **High continuous current output from robust toroidal transformer**
- ▸ **Bridge mono and parallel mode LEDs**
- ▸ **Fast Recovery design for lower distortion if clipping occurs**
- ▸ **Active balanced inputs for low noise**
- ▸ **Signal level at -40, -20, -10, protect and clip LED indicators to monitor performance**

- ▸ **Ground Lift switch to prevent humming**
- ▸ **Selectable stereo, parallel & bridge mono amp modes**
- ▸ **Two ventilation variable speed fans**
- ▸ **Speakon-type connectors and 5-way binding posts speaker outputs**
- ▸ **XLR & 1/4" TRS connectors for maximum input flexibility**
- ▸ **Fits a standard 19" rack**

XP 1000
1120W Power Amp

- ▸ Output Power: 560W @ 2 ohms stereo, 440W @ 4 ohms stereo
- ▸ Requires two standard rack units for mounting
- ▸ 482.6 x 89 x 367.2 mm (19" x 3.5" x 14.4") \ 17.5 kg (38.5 lbs)

XP 2000
1920W Power Amp

- ▸ Output Power: 960W @ 2 ohms stereo, 660W @ 4 ohms stereo
- ▸ Requires two standard rack units for mounting
- ▸ 482.6 x 133.5 x 376 mm (19" x 5.25" x 14.8") \ 21.8 kg (48 lbs)

XP 3000
2800W Power Amp

- ▸ Output Power: 1400W @ 2 ohms stereo, 1100W @ 4 ohms stereo
- ▸ Requires three standard rack units for mounting
- ▸ 482.6 x 133.5 x 376 mm (19" x 5.25" x 14.8") \ 24.2 kg (53.3 lbs)

XP 5000
5000W Power Amp

- ▸ Output Power: 2500W @ 2 ohms stereo, 1800W @ 4 ohms stereo
- ▸ High-current toroidal transformers for greater two-ohm power and low noise
- ▸ Independent user-defeatable clip limiters reduce distortion
- ▸ XLR, 1/4" and barrier strip inputs all included
- ▸ Requires three standard rack units for mounting
- ▸ 482.6 x 133 x 415 mm (19" x 5.2" x 16.3") \ 28.2 kg (62 lbs)

XP5000

AMPLIFIERS

iAMP4020

SNEAK PEAK!

The Phonic iAMP4020 offers a mind-blowing 4020 Watts of power in a simple, low-weight 2U construct. Where traditional amplifiers offer heavy, complicated – and noisy – circuitry Phonic's class D amp design offers cleaner, quieter output without over-complicating the design. Able to run into loads as low as 2 ohms, each channel provides 2010 Watts of power to speakers with ease. XLR inputs and professional SPEAKON speaker outputs are available on each channel, as well as an XLR link output jack allowing for multiple amplifiers to be cascaded.

iAMP4020
4020 Watt Digital Amplifier

- 2010 Watts of power per channel at 2Ω
- Front-mounted gain controls
- Signal, -20, -10 and clip LEDs on both channels
- Neutrik speakon connector used for main power input to ensure cables are not inadvertently removed
- Extremely wide frequency response achieved through digital circuitry: 10Hz – 40kHz
- XLR connectors provided for signal input
- Professional standard speakon connectors on output
- Full range of protection circuitry with indicators: thermal, VHF (very high frequency) and 'protect'
- Male XLR 'link' connectors included for parallel operation
- Input gain switch: 1V, 26dB and 32 dB

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 temperature, 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 700

ICON 300
300W Contractor Amp

- Output power: 2 x 150W @ 70V or 100V
- Automatic dual-speed, high-efficiency cooling fan
- XLR and barrier strip inputs
- Full short-circuit, temperature and DC offset protection
- Toroidal output transformers provide full electrical isolation and meet worldwide safety standards
- 132 × 480 × 428 mm (5.2" x 18.9" x 16.9") \ 20.2 Kg (44.5 lbs)

ICON 700
700W Contractor Amp

- Output power: 2 x 350W @ 70V or 100V
- Automatic dual-speed, high-efficiency cooling fan
- XLR and barrier strip inputs
- Full short-circuit, temperature and DC offset protection
- Toroidal output transformers provide full electrical isolation and meet worldwide safety standards
- 132 × 480 × 428 mm (5.2" x 18.9" x 16.9") \ 24.3 Kg (53.5 lbs)

AMPLIFIERS

AUDIO TESTING

PAA6

The dual-channel, digital PAA6 tester offers nine critical audio and signal analyzer functions all accessed through a color touch-screen with computer connectivity and onboard memory. The PAA6 incorporates significantly improved versions of real time spectrum analyzer, RT60, tone generator, LEQ, EQ setting and Phase checking from the PAA3. Moreover, the PAA6 audio tester provides engineers with an even wider array of essential sound analysis tools than ever before - now adding FFT, THD+N, Polarity and Scope functions to the mix, as well as two built-in mics that can take highly accurate measurements from multiple positions. A USB 2.0 connector and SD card slot have been included to transfer information to and from your computer. This feature-rich, professional audio tester is sure to satisfy even the most discerning professional audio engineer and is ideal for live/industrial sound, regulatory purposes and product development.

PAA6

2-Channel Audio Analyzer with Color Touch LCD

▸ Powerful dual channel palm-size audio analyzer
▸ 480 x 272 color LCD touch screen
▸ Two built-in measurement condenser mics
▸ Tone generator includes pink noise, white noise, sine wave, sweep, polarity, triangle and square
▸ Elegant graphical user interface

▸ Long-lasting rechargeable lithium-ion battery system
▸ Useful functions include RTA, LEQ, RT-60, FFT, THD+N, Polarity, Phase, Scope and Meter (dB SPL, dBu, dBV, Volt)
▸ USB 2.0 port and SD card slot included for storing and retrieving data
▸ 30 to 130 dB SPL meter
▸ 144.95 x 82.95 x 39.42 mm (5.7" x 3.26" x 1.55") \ 54 g (0.78 lbs)

RTA
Take measurements in real-time in resolutions of 1, 2/3, 1/3 and 1/6 octaves at varying weightings and response times.

FFT
The Fast Fourier Transform acts as a high resolution real time analyzer with a much wider frequency range and fast response time.

RT60
Measure the reverb time of any room and view a standard reverb graph with a time and level axis. Also allows users to refine results to filter particular frequencies.

THD+N
Run a test tone through any piece of audio equipment and back to the PAA6 to read the standardized total harmonic distortion plus noise results of that unit.

Meter
Measure sound pressure, dBu, dBV and voltage levels through this highly accurate meter. Take sound pressure level measurements between 30 and 130 dB SPL; dBu measurements between -85 and 25 dBu; dBV between -87.2 and 22.8 dBV, and Voltage measurements can be taken between 0.0436mV and 13.8V.

Phase
View the phasing of two signals through this accurate graph, updated in real-time.

Scope
View the waveform of any signal through this oscilloscope. Horizontal division time and level range are both user definable, and users can zoom in and out to better view the waveform.

Polarity
Check the polarity of any loudspeaker with this function. The polarity signal can be taken from the PAA6's own signal generator, or the PAA6 take measurements with any standard polarity signal.

LEQ
Find the equivalent continuous noise level of a room or other venue over a period of time. Measurements can be taken anywhere between 1 minute and 48 hours.

Real Time Analyzer with adjustable input method, peak hold time, weighting, response time, and resolution down to 1/6 octave (2/3 octave shown here).
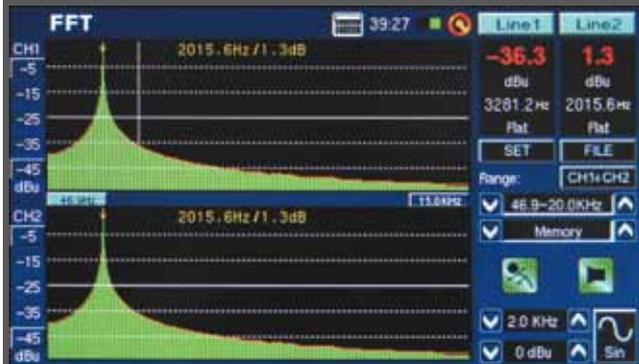

Fast Fourier Transform gives detailed real-time readings that include harmonic distortion not visible through traditional real time analyzers.

Reverb time function provides detailed analysis of reverb decay time with 13 selectable frequency filters.
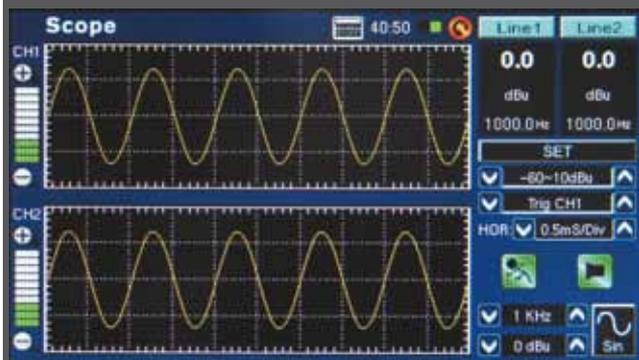
Oscilloscope gives visual depictions of wave forms, with selectable trigger and horizontal hold time.
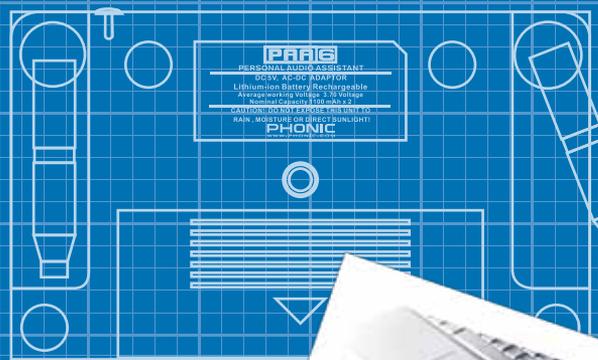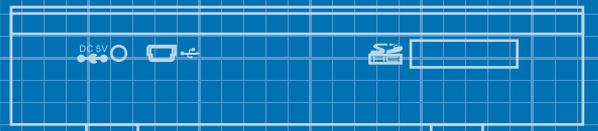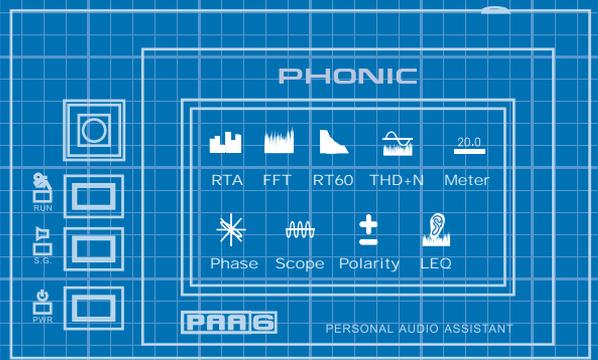
TESTIMONIALS

"Installers and live sound engineers will find it invaluable, but it also makes an important addition to the toolkit of any recording engineer or studio."
Mix Magazine

"…for those who work with audio on a day-to-day basis, the PAA6 could be one of the most important investments you can make."
EQ Magazine

"The PAA6 is packed with useful functions that any pro looking for hard data will enjoy."
Sound & Video Contractor

PAA3

PAA3
Handheld Audio Analyzer with USB 2.0 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 dark environments. With a battery life of 7 hours, the PAA3 is a multifunctional tool for every serious audio engineer.
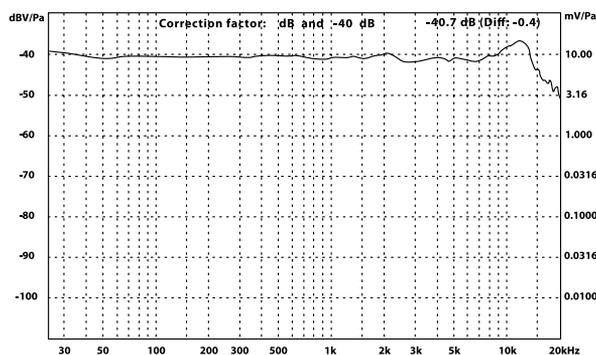
Microphone Frequency Response

▸ 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 2.0 and XLR input and output sockets
▸ Noise generator with pink noise, 1 kHz and polarity test signal, balanced output
▸ 174.5 x 40 x 105.5 mm (6.89" x 1.57" x 4.17") \ 465 g (1 lbs)

AUDIO TESTING

Universal System For All Active Speakers

WM-SYS3

WM-SYS4

WM-SYS3
Single Channel Wireless System For Active Speakers

▸ WM60 single channel transmitter
▸ WM400-L receiver
▸ M6, M8, M10 screws & velcro strip for attaching to speakers

WM-SYS4
Dual Channel Wireless System For Active Speakers

▸ WM70 dual channel transmitter
▸ WM400-L left channel receiver
▸ WM400-R right channel receiver
▸ M6, M8, M10 screws & velcro strip for attaching to speakers

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
▸ 16 selectable UHF preset channels
▸ For use with the Phonic Nexus active speakers

WM400-L
WM400-R
▸ Single Channel Receiver
▸ 16 selectable UHF preset channels
▸ XLR output
▸ For use with any active speaker

WM60

WM40-R

WM400-R

WM70

WM40-L

WM400-L

WIRELESS

GEQ3100

GEQ1500

DYN2000

PPC9000E

PPC9000

PPC8000E

PPC8000

i7600

i7350

i7300

i7100

PCR2213

iA231F

i7100
Digital Feedback Eliminator

- 24 fully programmable parametric filters can be set manually
- Auto Mode constantly monitors the mix and automatically resets the filters
- Manual Mode provides each channel with up to 12 fully parametric filters
- Single-Shot, Auto, and Manual modes can be assigned to each individual filter
- Most recent changes are automatically stored and kept, even after the power is off
- 51.3 x 482 x 207.6 mm (2.02" x 18.98" x 8.17") \ 2.2Kg (4.8lbs)

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
- MIDI capability allowing real-time program selection and dump
- Dedicated rotary controls and illuminated buttons for quick and easy operation
- Large LCD display
- 51.3 x 482 x 207.6 mm (2.02" x 18.98" x 8.17") \ 2.5 kg (5.5 lbs)

i7350
Digital Effects Processor

- 16 robust digital effects, each with its own user-definable parameter
- Programs include hall, room, spring, rev vocal, slap delay and multiple reverb variations
- 32/40-bit digital signal processing plus 24-bit A/D and D/A converters
- Auto-bypass when power is off
- Tap delay button and indicator
- 483 x 44 x 107 mm (19" x 1.75" x 4.2") \ 1.2 kg (2.64 lbs)

i7600
Dual 30-Band 1/3 Octave Digital Graphic Equalizer with RTA

- Dual-channel 29-band real-time spectrum analyzer (RTA)
- 24-bit A/D and D/A converters with 256/512 times over sampling for high headroom and resolution
- Internal 32-bit/44.1 KHz processor
- Provides 12 dB of boost or cut
- Channel-link function
- Stores up to 60 programs: 30 factory-set, 30 user-defined
- Selectable unit of measurement for RTA line signal: dBu or dBV
- Six view range options for band-level measurement
- Six response time options
- Peak-hold options: permanent and none
- Three weighting options: A weighting, C weighting, and flat
- Pink noise generator outputs balanced test signals at 0 dB
- Bypass function
- Variable low-pass filter (LPF) and high-pass filter (HPF)
- Balanced XLR and 1/4" TRS inputs and outputs
- Operating levels of +4 dBu and -10 dBV independently selectable for input and output
- 780 bright LED indicators
- Rack mountable in one rack-space chassis
- 483 x 44 x 206 mm (19" x 1.75" x 8") \ 2.5 kg (5.5 lbs)

DYN2000
Dual Channel Compressor and Limiter

▸ Stereo or Dual Mono operation of gating, compression and peak limiting
▸ Expander/Gate Circuit with variable release time and +15dBu maximum threshold
▸ Hard Knee Selection allows selection between compression curve and the classic Hard Knee curve
▸ Low Frequency Shelf (via Contour button) in the Sidechain Path function
▸ Limiting - provides control of maximum peak levels at output regardless of other controls
▸ Peak Limiter comes after the compression, gating and other circuitry including the output gain
▸ Absolute limit for peak excursions before they reach the output
▸ True RMS Level Detection senses the power in the program, in a similar way as human hearing does, giving results superior to peak or average detection
▸ Bypass Buttons on both channels - comparing the processed and unprocessed signals
▸ LED Display for Gain Reduction and output
▸ Balanced XLR and 1/4" TRS Input and Output Jacks
▸ Separate Sidechain Inserts enable an outboard processor or signal to control compression or gating
▸ 482 x 183 x 44 mm (19" x 7.2" x 1.7") \ 2.29 kg (5.05 lbs)

GEQ3100
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
▸ 482 x 183 x 88 mm (19" x 7.2" x 3.6") \ 4.4 kg (9.7 lbs)

GEQ1500
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
▸ 482 x 183 x 44 mm (19" x 7.2" x 1.7") \ 2.29 kg (5.05 lbs)

PPC8000(E) / PPC9000(E)
Power Conditioner with Light Modules

▸ 8 switched outlets on the rear of the unit
▸ 2 additional outlets found on rear of 'E' models
▸ 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 (10 amp on 'E' models)
▸ 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 (PPC9000/PPC9000E only)
▸ 44.44 × 48.2 × 152 mm (2.75" × 19" × 6") \ 2.4kg (5.29 lbs)

PCR2213
Active Crossover

▸ Stereo 2-way or mono 3-way operation
▸ 24 dB/octave Linkwitz-Riley filters with zero phase error at crossover frequencies
▸ Perfect flat summed amplitude response at all crossover frequencies
▸ Independent limiters on all outputs with pre-defined time parameters
▸ Latching mute push Buttons on all outputs, vital during setting up and troubleshooting
▸ LED indication on all important switching functions for easy status identification
▸ Crossover frequencies continuously variable from 80 - 8000 Hz
▸ Time/phase alignment via polarity switches and 4 ms time delay controls
▸ Switchable horn EQ curve to compensate the HF roll-off
▸ RF and Subsonic input filters
▸ High precision components and potentiometers ensure excellent quality and accuracy of settings
▸ Balanced XLR inputs and outputs
▸ 482 × 44.5 × 167 mm (19" × 1.75" × 6.57") \ 3.21kg (7.1 lbs)

iA231F
Dual Channel Digital 31-Band Graphic Equalizer

▸ 30 mm VR Sliders for precise adjustment
▸ Feedback Detection System instantly reveals critical frequencies
▸ 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
▸ Balanced inputs and outputs with 1/4" TRS and XLR connectors
▸ Built-in limiter control from -20 dB to +20 dB (OFF)
▸ 485.5 x 88 x 182 mm (19" x 3.5" x 7.2") \ 3.2 kg (7.1 lbs)

SIGNAL PROCESSORS

MICROPHONES

Now Phonic provides users with a complete wireless microphone range compatible with their most popular ranges of pro audio gear. The UM30, UM40 and UM50 Wireless Microphone sets are all compatible with the incredibly popular Sound Ambassador Mobile Sound Systems. The UM31, UM41 and UM51, on the other hand, are compatible with the popular RoadGears and Powerpod 865 Plus Molded Powered Mixers, making them incredible versatile as well as simple to use.

ACCESSORIES

HT-100   **BT-200**   **MH-20**   **ML-10**   **UM-R10**   **UM-R11**
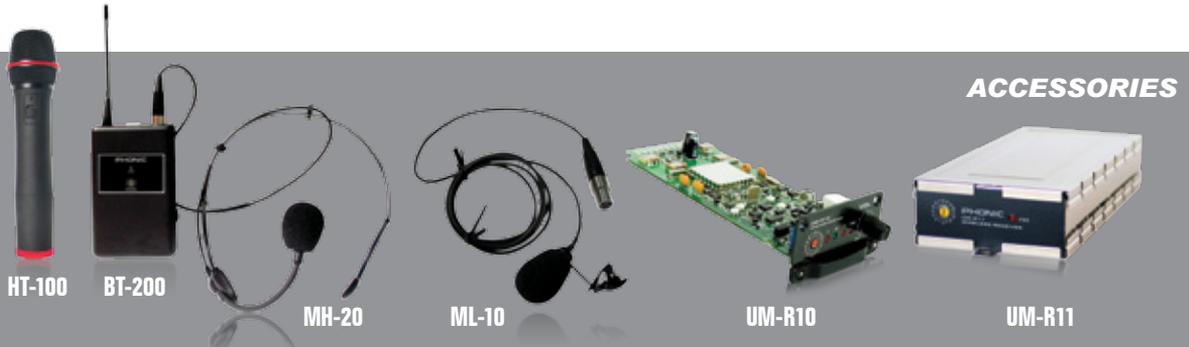
UM30
Wireless UHF Handheld System

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

UM31
Wireless UHF Handheld System

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

UM40
Wireless UHF Lavaliere System

‣ BT-200 Bodypack Transmitter
‣ ML-10 Lavaliere Mic
‣ UM-R10 Wireless Receiver Module

UM41
Wireless UHF Lavaliere System

‣ BT-200 Bodypack Transmitter
‣ ML-10 Lavaliere Mic
‣ UM-R11 Wireless Receiver Module

UM50
Wireless UHF Head-set System

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

UM51
Wireless UHF Head-set System

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

WIRELESS   WIRELESS

Sound Ambassador

RoadGear

Commercial Installation

Live Sound

Studio

QUESTIONS ?
Email: info@phonic.com

WANT TO BUY ?
Find a local Phonic reseller at
http://www.phonic.com/where/
or email: sales@phonic.com

PHONIC

PRECISION AUDIO ENGINEERING

Signal Processors

Digital Interfaces

Mobile PAs

Effects