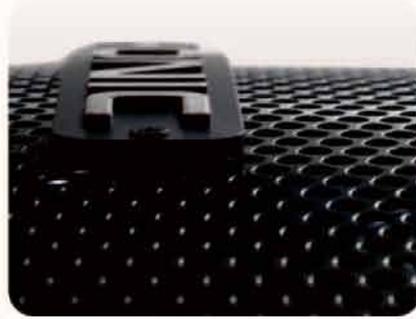


# PHONIC

Professional Audio  
Summer 2012



## History

Phonic designs and manufactures digital mixers, amplifiers, recording interface, loudspeakers, audio analyzers and hundreds of other products for the creation and reproduction of sound and music. Our products are sold and trusted around the world in over 90 countries for more than three decades. We attribute this long-running success to our passion for understanding customer needs, and a desire to perpetually explore new technological possibilities. Quality, versatile, and reliable sound gear is what we're all about.

## High performance. Low profile.

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. Whether you are a club owner, a professional musician, or a church, Phonic products will leave you overwhelmingly satisfied.



Detailed product information, including data sheets, user manuals, and high resolution photos, can be found on individual product pages at [www.phonic.com](http://www.phonic.com). The information within this catalog is subject to change.

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# IS16



You'd need to play a lifetime of basketball to be the next LeBron James, but you only need to have the Phonic IS16 digital mixer to be the next greatest sound engineer on the planet. Merging an entire studio's worth of gear into one incredibly user-friendly digital console, the IS16 provides a simplified setup ideal both for novices and the professionals who only have 20 minutes until doors open. With 16 inputs, individual EQ and dynamics control on all channels, and a 31-band graphic equalizer, the IS16 has the space and power to handle any operation from the studio to the stage. Phonic still provides the only digital mixers on the market with a touch screen interface, and the intuitive software makes it as natural to use as any analog console.

## IS16

### 16 Channel Digital Mixer with Touch Screen, MIDI Control & VGA Output

- ▶ 16 mono mic/line with insert points and grouped phantom power
- ▶ Internal digital sampling rate up to 96 kHz in 32-bit resolution
- ▶ 17 ultra-smooth 100 mm motorized faders arranged in a familiar analog mixer arrangement
- ▶ Intuitive GUI interface onboard accessed through a full-color touch-screen
- ▶ Compact design achieved through 3 layers (Channel, Aux/Group, Multi)
- ▶ 4-band parametric EQs can be found on all input channels and multi outputs
- ▶ 31-band graphic equalizers on EFX 1 and Main; 15-band GEQ on EFX2
- ▶ Digital AES/EBU input and output
- ▶ 8 balanced 1/4" phone jack 'multi' outputs
- ▶ 8 aux and 8 group buses assignable to 'multi' outputs
- ▶ Dual digital effect processors with numerous effects, reverbs and extensive user-adjustable parameters
- ▶ Effects can be applied to any input channel or aux send, and the stereo effect signals can be assigned to main stereo mix or 8 of the multi outputs
- ▶ 25 dynamic processors available on input channels, 'multi' outputs and main mix
- ▶ Save and instantly recall scenes at the touch of a button
- ▶ Function-specific presets can be found on effects, dynamics and equalizer
- ▶ Stereo headphone mix with independent level control
- ▶ MIDI control function via USB featuring Pro Tools or MCU mode
- ▶ Networking capabilities for remote operation via PC, Mac, smart phone or tablet
- ▶ VGA D-Sub output: Progressive scan up to 1024x768@60Hz (XGA)
- ▶ Processing accomplished through a high quality 40-bit floating point digital signal processor
- ▶ Optional RS16 expansion card features a FireWire/USB 2.0 multi-track audio interface
- ▶ Gooseneck lamp included for illuminating the board in dark areas
- ▶ Rack mounting kit included for permanent installations and flight cases
- ▶ 164 x 450 x 520 mm (6.5" x 17.7" x 20.5") \ 16.9 kg (37.3 lbs)



# IS16



## Also Available:

**RS16 expansion card** for multi-track recording to any modern Windows- or Mac-based computer. Recordings are made in quality superior to modern compact discs, with 32-bit resolution and a sampling rate selectable up to 96 kHz.

**The Micro Wi-Fi Wireless USB dongle (model no. UTD10)** allows for IS16's remote controls. The dongle provides advanced security features including 64/128-bit WEP, WPA2, and WPA2-PSK with TKIP/AES encryption.

### VIEW

Get a complete overview of channel properties, including all levels, panning, dynamics, EQs, AUX sends and Group sends



### METER

View input and output levels of all of your various mixes, plus view the status of your different dynamics



### FADER

Adjust signal levels and routing of your various signals, with up to four channels displayed on page at once



### PATCH

Patch your input and output channels through EQs, dynamics and delays



### DELAY

Add a delay to any of the input and output channels, adjustable in milliseconds, meters and feed with a variable temperature control



### EFFECT

Two high resolution effect processors, each including 8 individual effects with numerous adjustable parameters; EFX 1 with 24 additional reverbs



### EQ

Apply a 4-band parametric EQ to your various input and output channels



### DYNAMICS

A flexible dynamic processor with Gate, Limiter, Expander and Compressor



## MIDI Control

Seamlessly integrate the IS16 into your computer recording setup with the IS16's USB-B connector. All transport and effect banks can be remotely accessed using the controls found in the MIDI tab, and activating the fader mode allows for level control using the IS16's motorized faders. Select from 2 operating modes: Pro Tools to control Avid's Pro Tools, and MCU mode for use in conjunction with programs like Cubase, Logic, Nuendo, Reaper and Sonar.

## Networking

The networking feature allows for remote operation of the IS16 using a Windows, Mac, or Linux based computer. Using a tablet or smart phone, IS16's levels can be controlled through any wired or wireless LAN network. Now you can stand in the sweet spot of a room, and change settings on the fly – no need to head back over to the board. A security function enables a password to be set to ensure that no tech-punk in the room raids you with feedback.

## VGA Output

Turn the Phonic IS16 into a fully functional audio workstation with just a simple monitor and pointing device. Releasing the condensed power of the IS16, the VGA output allows any standard definition or high definition display device to project the graphical interface. All features and functions of the IS16 are then visible and accessible – a live mixer and full studio all in one. Both full screen and widescreen modes are available, with optimal high definition resolution of 720p.

## Recording

With the optional RS16 expansion card, users are able to simultaneously record up to 16 tracks in 44.1 and 48kHz resolution, or up to 8 tracks in 88.1 and 96 kHz. Make the perfect live recording you've always wanted, and finally be able to prove to that bassist which wrong note he's hitting. 16 tracks can also be simultaneously returned back into channels during recording, enabling various plug-ins, effects and samples to be added using the computer during your live set.

# Summit



The sleek and flexible design of the Phonic Summit digital mixer makes it the console that can fit in anywhere – the skeleton key of modern mixers. Featuring 16 inputs, a color touch screen, 8 AUX, 8 Groups, 40-bit floating point processor, motorized faders, FireWire, USB 2.0, and 4-band parametric EQs, the Summit is built into a multi output-matrix, slim-lined, 3-layer unit. Along with configurable I/O and onboard processor integration, the Summit can easily adapt to a wide option of installation, and recording needs.

## Summit

### 16-Input 8-Bus Digital Mixing Console with Color Touch Screen

- ▶ 16 balanced microphone and line input channels
- ▶ 8 balanced 1/4" multi-purpose outputs
- ▶ Stereo balanced XLR main and control room outputs
- ▶ 8 auxiliary and 8 subgroup mixes
- ▶ 17 ultra-smooth automated faders encompassing a 3-layer design
- ▶ -20 dB PAD button on all inputs for attenuating hot inputs
- ▶ Insert points on all input channels
- ▶ RCA 2 track input and output
- ▶ Dedicated headphone output with individual trim
- ▶ Phase invert on all input channels
- ▶ Digital AES/EBU input and output onboard, assignable to main
- ▶ Pair and link feature on all input channels
- ▶ Individual delay adjustable on all inputs and outputs
- ▶ A full digital meter bridge available on all inputs and outputs (pre/post)
- ▶ Flexible soloing with user-selectable AFLs and PFLs and safe soloing
- ▶ 25 onboard 4-band parametric equalizers for all inputs and outputs
- ▶ 25 dynamic processors with expander, gate, compressor and limiter
- ▶ 2 effect processors with 8 effects; processor 1 with an additional 24 reverbs
- ▶ Signal generator with sine waves and pink noise assignable to outputs
- ▶ User-selectable processing order through delay, EQ and dynamics
- ▶ Scenes function allows users to store and recall settings on SD cards
- ▶ Optional 16-in, 16-out FireWire / USB 2.0 interface card (32-bit, 96 kHz)
- ▶ 164 x 450 x 520 mm (6.5" x 17.7" x 20.5") \ 16.9 kg (37.3 lbs)

# Helix Board



Just because you're recording in your basement doesn't mean it needs to sound like you are. Produce and edit CD quality music without the stress and costs of a studio session with the Phonic Helix Board. A no-fuss installation and the flexibility of having both USB and FireWire interfaces assure that you can create the ideal multi-track recording with your home computer. Line-level inputs and ultra low-noise microphone preamps allow crisp sound directly into the mixer, and make it easier to not wake up the neighbors.



3-Band Equalizer



PRE/POST Switch



Digital Effects



Firewire/USB Interface

## SHARED FEATURES

- ▶ Onboard USB 2.0 and FireWire interfaces for sending multiple channels of audio to computer with near-zero latency
- ▶ 2 channels of monitoring from computer via USB 2.0 or FireWire interface
- ▶ A pre/post switch on each channel swaps channel sends to computer from pre-fader, -EQ to post-fader, -EQ
- ▶ Sampling rate selectable up to 96 kHz in 24-bit resolution
- ▶ Final stereo channel can be selected between main mix, ALT or Group mix, and AUX mix
- ▶ 3-band EQ on each channel (swept-mids on 18 and 24 models)
- ▶ 32/40-bit digital multi-effect processor with 100 programs plus tap delay, tone generator and foot switch jacks
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Control room/Phones source matrix
- ▶ +48V phantom power on Mic channels
- ▶ Balanced master output with 60 mm fader
- ▶ High-volume headphone output
- ▶ Compatible with Mac OS X and Windows XP, Windows Vista & Windows 7
- ▶ Bundled with Steinberg's Cubase LE digital audio workstation software
- ▶ Compatible with the majority of DAW programs now available

## HELIX BOARD 12 UNIVERSAL 4-Mic/Line 2-Stereo Mixer USB 2.0 & FireWire Interface

- ▶ Sends up to 10 independent channels of audio to computer at near-zero latency
- ▶ 4 mono Mic/Line channels and 2 stereo line channels
- ▶ Extra ALT 3-4 stereo bus redirected from muted input channels
- ▶ Inserts on channel 1 & 2
- ▶ Stereo AUX send 1 cue for monitoring individual channel
- ▶ Master AUX section with EFX to Monitor
- ▶ 248 x 86 x 273 mm (9.76" x 3.4" x 10.75")
- ▶ 2.5 kg ( 5.5 lbs )

## HELIX BOARD 18 UNIVERSAL 6-Mic/Line 4-Stereo 2-Group Mixer with USB 2.0 & FireWire Interface

- ▶ Sends up to 16 independent channels of audio to computer at near-zero latency
- ▶ 6 Mic/Line channels with inserts and 4 stereo line channels
- ▶ 3 AUX sends, 1 with Pre/Post switch
- ▶ 2 stereo AUX returns, 1 with effect to monitor level control
- ▶ Solo feature on each input and output
- ▶ 2 true subgroups with Main L and R routing switches
- ▶ S/PDIF digital audio output
- ▶ Rack-mounting kit included
- ▶ 412 x 104 x 363 mm (16.22" x 4" x 14.3")
- ▶ 5.1 kg ( 11.2 lbs )

## HELIX BOARD 24 UNIVERSAL 16-Mic/Line 4-Group Mixer with USB2.0 & FireWire Interface

- ▶ Sends up to 18 independent channels of audio to computer at near-zero latency
- ▶ 16 Mic/Line channels with inserts
- ▶ 8 direct outputs for multi-track recording
- ▶ 6 AUX sends and 4 stereo AUX returns 3 with effect to monitor
- ▶ Mono out with variable low pass filter from 60 Hz to 160 Hz for subwoofer
- ▶ 4 true Subgroups with Main L and R routing switches
- ▶ Dual-position I/O pod for desk-top and rack-mounted operation
- ▶ S/PDIF digital audio output
- ▶ 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 12 UNIVERSAL



HELIX BOARD 18 UNIVERSAL



HELIX BOARD 24 UNIVERSAL

# AM USB-K SERIES

While Phonic's AM series analog mixers has received nothing but stellar reviews across the globe, Phonic engineers none-the-less feel compelled to push their products' prowess to new extremes on a daily basis. The Phonic USB-K series offers two classic AM models and packs them so full of features they're bursting at the seams. A plug-and-play stereo recording interface has been incorporated directly into the AM440D USB-K and AM442D USB-K. This allows for stereo recordings to be made in the comfort and privacy of your own home with sampling rates superior to that of audio CDs. An additional USB port has been included for direct connection of Phonic's UTM wireless microphone dongles – allowing up to two wireless USB microphones to have their signals directly routed into the mixer. The AM USB-K series offers nothing short of the finest in audio mixing; crammed full of features and built with carefully selected components to create a series of analog mixers fit for fussiest of audiophiles.

## AM USB-K SERIES FEATURES

- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ 16-bit resolution with 44.1kHz sampling rate – superior to CD quality audio
- ▶ Wireless USB connectivity for UTM series wireless microphones
- ▶ 3-band EQ plus low cut on each mono channel (swept-mid EQ on AM442D USB-K)
- ▶ 32/40-bit DFX processor with 100 preset effects, 8 tap-delay effects and test tones
- ▶ At least one EFX/AUX send available on each input channel
- ▶ Convenient stereo RCA 2T inputs and outputs for CD and MP3 players/recorders



AM440D USB-K



AM442D USB-K

### AM440D USB-K

#### 4-Mic/Line 4-Stereo Compact Mixer with DFX & USB Interface

- ▶ 4 mono mic/line and 4 stereo line channels
- ▶ Control Room/Phones source matrix for maximum monitor flexibility
- ▶ EFX/Aux send cue for monitoring individual channel
- ▶ 242 x 56 x 228 mm (9.5" x 2.2" x 9")  
1.63 kg (3.6 lbs)

### AM442D USB-K

#### 4-Mic/Line 4-Stereo 2-Group Mixer with DFX & USB Interface

- ▶ 4 mic/line channels with inserts, phantom power and compressor
- ▶ 4 stereo channels with 4-band EQ
- ▶ 2 aux sends, Aux 1 with Pre/Post switch
- ▶ XLR connectors available on main L / R output
- ▶ Solo feature on each input and output
- ▶ 2 true subgroups with Main L and R routing switches
- ▶ 2 stereo aux returns with effect to monitor level control
- ▶ Built-in switching power supply with universal connector, 100-240VAC, 50/60Hz
- ▶ Rack mounting kit included
- ▶ 300 x 105 x 346 mm (11.8" x 4" x 13.6") \ 3.81 kg (8.4 lbs)

### Complete sets available:

**AM440D USB-K-1:** Phonic AM440D USB-K mixer complete with UTM10 single wireless microphone kit

**AM440D USB-K-2:** Phonic AM440D USB-K mixer complete with UTM20 dual wireless microphone kit

**AM442D USB-K-1:** Phonic AM442D USB-K mixer complete with UTM10 single wireless microphone kit

**AM442D USB-K-2:** Phonic AM442D USB-K mixer complete with UTM20 dual wireless microphone kit

# USB WIRELESS MICROPHONE

Through the years Phonic has introduced one groundbreaking product after another, but nothing has opened more eyes to the technical know-how of Phonic engineers than our phenomenal range of wireless products. Phonic this year introduces an all-new take on wireless audio with the UTM wireless microphones. Employing a 2.4 GHz wireless protocol, the UTM series offers direct connectivity to AM USB-K series. The UTM series allows for studio-quality recordings without the mess or hassle of mic cables. Whether recording a weekly podcast or laying down the foundations for a new musical track, the UTM microphones provide superior response, exceptional resilience and unparalleled ingenuity.

**UTM-10** – Single USB Wireless Microphone

**UTM-20** – Two USB Wireless Microphones

- ▶ The UTM10/20 USB Wireless microphones provide robust, high-quality, wireless digital audio streaming by employing proprietary Wireless technology.
- ▶ CD-quality uncompressed audio
- ▶ Dual audio channels operation
- ▶ Automatic pairing for easy setup
- ▶ USB receiver dongle allows use with AM USB-K series



UTM-10/20

# AM Series

Owning a quality analog mixer shouldn't be dependent on the size of your sound, or your budget. That's why Phonic offers an enormous range of mixers in their AM analog series – ranging from 5-channel models ideal for small format and sub mixing, all the way up to 32-channel models perfect for bands, clubs, and even houses of worship. Each and every Phonic AM mixer features ultra low-noise preamps, multi-band EQs, clean phantom power supplies, and the same precision craftsmanship that personifies the entire Phonic brand. Additional model-specific features include USB recording interfaces, graphic equalizers, digital effect processors, adjustable compressors, and auxiliary and subgroups mixes. Simple, user-friendly, and attuned to your needs, there's the perfect AM analog mixer for everybody.

## SERIES OVERVIEW

- ▶ Balanced master outputs
- ▶ X models feature 32/40-bit digital stereo multi-effect processor with 16 programs, parameter control and foot switch jacks
- ▶ D models feature a 32/40-bit DSP with 100 EFX + creative tap-delay and test-tones
- ▶ FX models feature a simple one-touch multi delay effect with parameter control for easy and flexible application



### AM 120 MKIII

**1-Mic/Line 2-Stereo Input Compact Mixer**

- ▶ 1 mic/line and 2 stereo channels
- ▶ 2-Band EQ on mono input channel
- ▶ RCA 2T RTN & 2T REC for CD or tape recorder
- ▶ 2T RTN offers additional 3.5mm mini-stereo jack
- ▶ Dual 4-segment master level meter
- ▶ Headphones output with volume control
- ▶ Peak LED on mono input channel
- ▶ 120 x 54 x 175 mm (4.7" x 2.1" x 6.9")
- ▶ 0.63 kg (1.4 lbs)



### AM 55

**1-Mic/Line 2-Stereo Compact Mixer**

- ▶ 1 mic/line and 2 stereo channels
- ▶ 2-band EQ on mono input channel
- ▶ 2T RTN & 2T REC for CD or tape recorder
- ▶ Dual 4-segment master level meter
- ▶ Headphones output with volume control
- ▶ Peak LED on mono input channel
- ▶ 120 x 54 x 175 mm (4.7" x 2.1" x 6.9")
- ▶ 0.63 kg (1.4 lbs)



### AM 85

**2-Mic/Line 2-Stereo Compact Mixer**

- ▶ 2 mic/line, 2 stereo inputs with 3-band EQ
- ▶ 1 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
- ▶ Stereo EFX send cue for ease of monitoring individual channel
- ▶ 145 x 57 x 234mm (5.7" x 2.2" x 9.2")
- ▶ 0.95 kg (2.1 lbs)



### AM 105

**2-Mic/Line 4-Stereo Compact Mixer**

- ▶ 2 mic/line inputs with 3-band EQ and low cut
- ▶ 4 stereo inputs with +4/-10 select button
- ▶ Post-fader AUX send on every input
- ▶ CTRL RM and headphones outputs
- ▶ Peak indicators on each mono input channel
- ▶ Convenient RCA stereo I/O
- ▶ Stereo AUX/EFX send cue for better monitoring individual channel
- ▶ 175 x 63 x 236 mm (6.9" x 2.5" x 9.3")
- ▶ 1.5kg (3.3 lbs)

### AM 105FX

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

- ▶ Same as AM 105 with one-touch multi delay effect with parameter control for easy and flexible application



AM 125FX

### AM 125

**4-Mic/Line 4-Stereo Compact Mixer**

- ▶ 4 mono mic/line and 4 stereo channels
- ▶ AUX send on every channel
- ▶ 75Hz low-cut filter on mono channels
- ▶ 3-band EQ on each channel
- ▶ Control Room/Phones source matrix for maximum monitor flexibility
- ▶ Aux send cue for monitoring individual channel
- ▶ 216 x 63 x 236 mm (8.5" x 2.5" x 9.3")
- ▶ 1.77 kg (3.9 lbs)

### AM 125FX

**4-Mic/Line 4-Stereo Compact Mixer with DFX**

- ▶ Same as AM 125 with one-touch multi delay effect with parameter control for easy and flexible application

## Effects Your Way

When choosing the right Phonic AM analog mixer to make a part of your family, consider the numerous effect options. For the serious audiophile, the AM "D" models incorporate a 32/40-bit digital effect processor with 100 preset effects and 8 tap delay effects, as well as multiple test tones to tweak live setups easier. The AM "X" models feature 16 preset effects, each with their own adjustable parameters. For those with simpler needs, the AM "FX" models feature a delay effect with variation control.



AM 220P

### AM 220

#### 2-Mic/Line 2-Stereo Input Compact Mixer

- ▶ 2 balanced mic/line inputs with 3-band EQ
- ▶ 2 stereo inputs with 3-band EQ
- ▶ 1 stereo Aux return
- ▶ Post-fader Aux send on every input
- ▶ Peak and VU metering
- ▶ Peak indicators on each mono input channel
- ▶ 2T RTN assignable individually to Main or Control Room
- ▶ Stereo Aux send control on each channel
- ▶ 190 x 56 x 233 mm (7.48" x 2.2" x 9.17")  
1.5 kg (3.3 lbs)

### AM 220P

#### 2-Mic/Line 2-Stereo Input Compact Mixer with USB Player

- ▶ Same features as AM220 plus USB playback of MP3 and WAV files



AM 240D

### AM 240

#### 2-Mic/Line 4-Stereo Compact Mixer

- ▶ 2 mic/line inputs with 3-band EQ and low cut
- ▶ 4 stereo inputs with +4/-10 select button
- ▶ Post-fader EFX/aux send on every input
- ▶ Separated EFX route control assignable to main or monitor
- ▶ Peak indicators on each mono input channel
- ▶ Convenient RCA stereo I/O for MD or MP3 players
- ▶ 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 240D

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

- ▶ Same as AM 240 with 32/40-bit DSP with 100 EFX + creative tap-delay and test-tones



**BTM-10** Single Wireless Microphone

**BTM-20** Two Wireless Microphone



AM 440W

### AM 440

#### 4-Mic/Line 4-Stereo Compact Mixer

- ▶ 4 mono mic/line and 4 stereo channels
- ▶ EFX/Aux send on each channel
- ▶ 75Hz low-cut filter on mono channel
- ▶ 3-band EQ on mono channels
- ▶ Control Room/Phones source matrix for maximum monitor flexibility
- ▶ EFX/aux send cue for monitoring individual channel
- ▶ 242 x 56 x 228 mm (9.5" x 2.2" x 9") \ 1.63 kg (3.6 lbs)

### AM 440D

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

- ▶ Same as AM 440 with 32/40-bit DSP with 100 EFX + creative tap-delay and test-tones

### AM 440DP

#### 4-Mic/Line 4-Stereo Compact Mixer with EFX and USB Player

- ▶ Same as AM440D with USB playback of MP3 and WAV files

### AM 440W **WIRELESS**

#### 4-Mic/Line 4-Stereo Compact Mixer with DFX and Bluetooth Streaming

- ▶ Same as AM 440D with 2.4 GHz wireless Bluetooth connectivity

### AM 1221X

#### 12-Mic/Line 2-Stereo 4-Bus Mixer with DFX

- ▶ 3-band swept-mid EQs, low-cut filter and phantom power on mono channels
- ▶ 2 stereo line input channels on each model
- ▶ 4 aux sends, Aux 1 & 2 with XLR and 1/4" phone output jacks
- ▶ 2 stereo Aux returns with effect to monitor
- ▶ Tape input can be routed to aux 1 and 2
- ▶ Mini stereo I/O for MD, MP3 player/recorder
- ▶ Built-in switching power supply with universal connector, 100-240VAC 50/60Hz
- ▶ Mono output with variable low pass filter for subwoofer
- ▶ Main stereo and mono output with XLR and 1/4" phone jacks
- ▶ 12 mono mic/line channels
- ▶ Insert points on first 10 mono channels
- ▶ PAD control on final 2 mono channels
- ▶ 642 x 107 x 437 mm (25.3" x 4.2" x 17.2") \ 8.7 kg (19.2 lbs)

### AM 1621X

#### 16-Mic/Line 2-Stereo 4-Bus Mixer with DFX

- ▶ Same as AM1221X (first 9 features)
- ▶ 16 mono mic/line channels
- ▶ 774 x 107 x 437 mm (30.5" x 4.2" x 17.2") \ 10.5 kg (23.1 lbs)

## Go Blue Bluetooth Connectivity

Imagine a new frontier of reality, where the tangled wire becomes a thing of the past. New developments should never cease in the world of audio engineering, and thus Phonic is leading the way with the incorporation of Bluetooth technology. Phonic engineers have installed a 2.4 GHz wireless receiver into a number of new products, including the AM440W mixer. This not only allows for wireless microphones to be used, but also allows Bluetooth-enabled smart phones, tablets or computers to wirelessly stream live audio into the mix. The new Bluetooth technology will also allow the product to be paired with the Phonic BTM series microphones allowing for up to two wireless microphones to be utilized by the mixer.



AM 1621X

# AM Series

## COMMON FEATURES

- ▶ 3-band EQ with swept mid-range plus low cut on each mono channel
- ▶ 32/40-bit digital stereo multi-effect processor with 100 programs, tap-delay and test-tones
- ▶ Convenient stereo RCA inputs and outputs
- ▶ Solo feature on each input and output
- ▶ 2 stereo aux returns with effect to monitor level control
- ▶ At least 2 true subgroups with main L and R routing switches
- ▶ Built-in switching power supply with universal connector, 100-240VAC, 50/60Hz
- ▶ Rack-mounting kit included



AM 442D USB



AM 642D USB



AM 844D USB

### AM 442D USB

#### 4-Mic/Line 4-Stereo 2-Group Mixer with DFX & USB Interface

- ▶ 4 Mic/Line channels with inserts and phantom power
- ▶ Studio-quality variable compressor on all mono input channels
- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ 4 stereo channels with 4-band EQ
- ▶ 2 aux sends, aux 1 with Pre/Post switch
- ▶ XLR connectors available on main L / R output
- ▶ 300 x 105 x 346 mm (11.8" x 4" x 13.6")  
3.81 kg (8.4 lbs)

### AM 642D

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

- ▶ 6 Mic/Line channels with inserts and phantom power
- ▶ 4 stereo channels with 4-band EQ
- ▶ 3 aux sends, one with Pre/Post switch
- ▶ Stereo 9-band graphic EQ, assignable to main mix or aux 1 send
- ▶ XLR connectors available on main L / R output
- ▶ 407 x 104 x 357 mm (16" x 4" x 14") \ 4.8 kg (10.6 lbs)

### AM 642D USB

#### 6-Mic/Line 4-Stereo 2-Group Mixer with GEQ, DFX & USB Interface

- ▶ Same as AM 642D with:
- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ Studio-quality compressor on all mono input channels

### AM 642DP

#### 6-Mic/Line 4-Stereo 2-Group Mixer with GEQ, DFX & USB Playback

- ▶ Same as AM 642D with:
- ▶ Playback of audio files from USB flash drives

### AM 844D

#### 8-Mic/Line 4-Stereo 4-Group Mixer with DFX

- ▶ 8 Mic/Line channels with inserts and phantom power
- ▶ 4 stereo line channels with 4-band EQ
- ▶ 10 mic preamps in total across 8 mono and 2 stereo channels
- ▶ Direct Outputs for multi-track recording
- ▶ 4 aux sends, aux 1 & 2 with Pre/Post selector
- ▶ 4 stereo aux returns with solo switch selector
- ▶ CTRL RM/Phones with multi input source matrix selector
- ▶ 12V XLR Connector for gooseneck lamp
- ▶ 418 x 150 x 420 mm (16.5" x 5.9" x 16.5") \ 5.9 kg (13 lbs)

### AM 844D USB

#### 8-Mic/Line 4-Stereo 4-Group Mixer with DFX & USB Interface

- ▶ Same as AM 844D with:
- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ Studio-quality compressor on all mono input channels

### AM 2442FX

#### 16-Mic/Line 4-Stereo 4-Bus Studio/Live Mixer with DFX and GEQ

- ▶ 32/40-bit DSP with 100 EFX + creative tap-delay and test-tones
- ▶ 2 stereo input channels with 4-band EQ
- ▶ 2 additional stereo input channels with level and pre-fader aux facilities
- ▶ 9-band stereo graphic equalizer- 4 subgroups and additional mono output
- ▶ Solo-In-Place and Pre-Fader Listen functions
- ▶ Full-featured built-in talkback section
- ▶ Standby switch mutes all mic channels during breaks
- ▶ CD/tape inputs for playing break music
- ▶ Internal switching power supply with universal connector, 100-240V, 50/60Hz
- ▶ Clip indication and gain level set LEDs plus mute switches for each channel
- ▶ 16 mono mic/line inputs with 3-band swept-mid EQs, low-cut filter and insert points
- ▶ 4 aux sends on first 20 channels
- ▶ 683 x 108 x 424 mm (26.9" x 4.3" x 16.7") \ 9.11 kg (20.1 lbs)



AM 3242FX

### AM3242FX

#### 24-Mic/Line 4-Stereo 4-Bus Studio/Live Mixer with DFX and GEQ

- ▶ Same as AM2442FX (first 11 features)
- ▶ 24 mono mic/line inputs with 3-band swept-mid EQs, low-cut filters and insert points
- ▶ 4 aux sends on all channels
- ▶ 894 x 108 x 424 mm (35.2" x 4.3" x 16.7") \ 11.74 kg (25.9 lbs)

# Sonic Stations

Who says a mixing station should have to fill up half the room? The Phonic series of Sonic Station mixers combine expansive functionality and premium sound quality with stream-lined design and rugged housing to create the premiere mixing console on the market. All Sonic Stations provide 3-band semi-parametric EQs, low cut filters, insert points, direct outputs, fully adjustable gain controls, and contain between 16 and 30 full mono channels. Each Station comes standard with at least one 32/40-bit digital effects processor with 16 programs – all with their own user-adjustable parameters. Find all the features the industry pros demand without using a console so big it's considered furniture.



## SONIC STATION 16

16-Mic/Line 4-Group Mixer with Dual-Position I/O Pod & DFX

- ▶ 16 mic/line channels with inserts, 3-band swept-mid EQ and 75Hz low cut filter
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus 1 main parameter control, tap control and foot switch jack
- ▶ 6 aux sends, aux 1 & 2 with Pre/Post switch
- ▶ 4 stereo aux returns, 3 with effect to monitor
- ▶ Pad on 4 mono channels to handle difficult signals
- ▶ Mini Stereo I/O and stereo RCA I/O each with trim control
- ▶ Global +48V phantom power for microphones
- ▶ 4 true subgroups with main L and R routing switches
- ▶ 8 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 for easier desktop or rack-mounted operation
- ▶ 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 32

## SONIC STATION 22

18-Mic/Line 2-Stereo 4-Bus Mixing Console with Dual DFX

- ▶ 18-mic/line input channels with insert points, 3-band swept-mid EQ and PAD button
- ▶ 20 mic preamps in total over 18 mono and 2 stereo channels
- ▶ Dual effect engines with 16 EFX plus 1 main parameter control, EFX2 with tap delay and foot switch jacks
- ▶ Direct out with pre-EQ switch for multi-track recording
- ▶ Talkback microphone built-in
- ▶ 4 stereo aux returns, each with effect to monitor
- ▶ Groups 1 to 4 and aux 1 to 4 can be swapped for monitor console use
- ▶ Variable LPF on mono output for subwoofer
- ▶ 7 12-segment level meters for main, group or aux
- ▶ 6 aux mixing bus, 2 pairs with pre/post switch
- ▶ On, Peak/Solo and Signal indicators on each input channel
- ▶ Record out with independent trim control
- ▶ Stereo channel with XLR mic in, 1/4" and RCA line inputs
- ▶ 12V gooseneck lamp socket for working on dark place
- ▶ Main stereo and mono out with XLR jacks and inserts
- ▶ 859 x 105 x 544 mm (33.8" x 4.2" x 21.4") \ 15.5 kg (34.1 lbs)

## SONIC STATION 32

28-Mic/Line 2-Stereo 4-Bus Mixing Console with Dual DFX

- ▶ 28-mic/line input channels with insert points, 3-band swept-mid EQ and PAD button
- ▶ 30 mic preamps in total over 28 mono and 2 stereo channels
- ▶ Dual effect engines with 16 EFX plus 1 main parameter control, EFX 2 with tap delay and foot switch jacks
- ▶ 28 direct outputs with pre-fader switch for multi-track recording
- ▶ Record out with independent trim control
- ▶ Talkback microphone built-in
- ▶ 4 stereo aux returns, each with effect to monitor
- ▶ Groups 1 to 4 and aux 1 to 4 can be swapped for monitor console use
- ▶ Variable LPF on mono output for subwoofer
- ▶ 6 12-segment level meters for main, group or aux
- ▶ Independent solo level control
- ▶ 4-band EQ on stereo channels
- ▶ 6 aux mixing bus, 2 pairs with pre/post switch
- ▶ ON, SIGNAL and PEAK/SOLO LED indicators on each input channel
- ▶ Stereo channel with XLR, 1/4" and RCA inputs
- ▶ 12V gooseneck lamp socket for dark working environments
- ▶ Main stereo and mono out with XLR jacks and inserts
- ▶ 1158 x 105 x 544 mm (45.6" x 4.2" x 21.4") \ 18 kg (39.7 lbs)

# Powerpods

For the past 15 years, Phonic has been creating high-quality, durable powered mixers that have quietly become the industry standard for live setups. Designed with longevity and affordability in mind, Phonic Powerpods are the simple solution for bars and other small institutions looking for a top-of-the-line audio mixer that even the most novice garage-band can figure out. The Powerpods' success lies not only in their features and affordability, but in their earnest reputation as a quality console. Wipe the beer stains off that dusty unit down at your local dive bar, and you're likely to see the Phonic name hidden underneath. Generally, loudspeaker manufacturers recommend an amplifier with power output equal to the speaker's Program (Music) Power rating or two times (2 x) the Continuous (RMS) Power rating. The Phonic amplifiers deliver just the right amount of power to the most popular speakers available on the market.



POWERPOD 410R

## POWERPOD 410

**200 Watt 4 Channel Powered Mixer with Variable Delay**

- ▶ Built-in 200 Watt / 4 ohm power amplifier
- ▶ 4 mic/line input channels with 2-band EQs
- ▶ Variable digital delay with time and repeat parameters
- ▶ Additional ¼" TRS send/return jack for main insert
- ▶ Stereo RCA 2T return and record output
- ▶ 440 x 145 x 215 mm (17.3" x 5.7" x 8.5")  
7.5 kg (16.5 lbs)

## POWERPOD 410R

**200 Watt 4 Channel Powered Mixer with Variable Delay and USB Recorder**

- ▶ Same as Powerpod 410 with USB recording module for record/playback of audio files



POWERPOD 620R

## POWERPOD 620 **PLUS**

**400 Watt 6 Channel Powered Mixer with DFX**

- ▶ 200W + 200W / 4 ohm dual channel power amplifier
- ▶ Switchable 400W / 8 ohm bridge mono mode
- ▶ 4 mono, 2 stereo mic/line input channels
- ▶ 2 Super Hi-Z inputs for direct instrument connection
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 7-band master graphic equalizer
- ▶ 10 Pad buttons on channels 1 to 4
- ▶ Global +48V phantom power for mic inputs
- ▶ ¼" AUX input connector for additional inputs
- ▶ Monitor and effect sends on each input channel
- ▶ Stereo RCA 2T return and record outputs
- ▶ Built-in limiters
- ▶ 440 x 265 x 275 mm (17.3" x 10.4" x 10.8") \ 13.06 kg (28.8 lbs)

## POWERPOD 620R

**400 Watt 6 Channel Powered Mixer with DFX and USB Recorder**

- ▶ Same as Powerpod 620 Plus with USB recording module for record/playback of audio files



POWERPOD 820

## POWERPOD 820

**400W Channel Powered Mixer with DFX**

- ▶ 2 x 200W / 4 ohm stereo power amplifier, assignable to auxiliary
- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus 1 main parameter control
- ▶ 4 balanced mic/line channels with inserts, 2 stereo line channels
- ▶ 3-band EQ on each channel
- ▶ Global +48V phantom power for mic inputs
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Extra ALT 3-4 stereo bus
- ▶ 2 AUX sends per channel
- ▶ 2 stereo AUX returns
- ▶ AUX cue allows channels to be independently monitored in stereo
- ▶ Master AUX section with EFX to Monitor
- ▶ Mini stereo and stereo RCA input and output, output with trim
- ▶ Control Room/Phones source matrix
- ▶ High-volume headphone output
- ▶ 275 x 100 x 270 mm (10.8" x 3.9" x 10.6") \ 4.12 kg (9.1 lbs)



POWERPOD 780 PLUS

## POWERPOD 780 **PLUS**

**1200W 7 Channel Powered Mixer with DFX**

- ▶ 600W + 600W / 4 ohm dual power amplifier for Main or Main/Monitor
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus parameter control and foot switch jack
- ▶ 7 balanced Mic inputs
- ▶ 10 Line inputs
- ▶ 2 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
- ▶ 1 AUX input
- ▶ Monitor and effect sends on each input channel
- ▶ +48V phantom power
- ▶ 2 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 (34.1 lbs)



POWERPOD 740FR

POWERPOD 740W

### POWERPOD 740 **PLUS**

#### 880 Watt 7 Channel Powered Mixer with DFX

- ▶ 2 x 440W / 4 ohm dual power amplifiers for Main or Main/Monitor (Bridge mono, 880W / 8 ohm)
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 4 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 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
- ▶ Rumble filters for mic inputs
- ▶ Pad control on channels 1-4
- ▶ 1/4" AUX input connector for additional inputs
- ▶ Monitor and effect sends on each input channel
- ▶ Global +48V phantom power switch
- ▶ 2 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 (34.1 lbs)

### POWERPOD 740R

#### 880 Watt 7 Channel Powered Mixer with DFX and USB Recorder

- ▶ Same as Powerpod 740 Plus with USB recording module for record/playback of audio files

### POWERPOD 740FR

#### 880 Watt 7 Channel Powered Mixer with DFX, USB Recorder & Feedback Killer

- Same as Powerpod 740 Plus with:
- ▶ One-touch feedback elimination circuit for destroying feedback in live performances
  - ▶ USB recording module for record/playback of audio files

### POWERPOD 740W **WIRELESS**

#### 880 Watt 7 Channel Powered Mixer with 2.4 GHz Wireless Connectivity

- ▶ Same as Powerpod 740 Plus with 2.4 GHz wireless Bluetooth connectivity

### POWERPOD 740RW **WIRELESS**

#### 880 Watt 7 Channel Mixer with USB Recorder & 2.4 GHz Wireless Connectivity

- Same as Powerpod 740 Plus with:
- ▶ USB recording module for record/playback of audio files
  - ▶ 2.4 GHz wireless Bluetooth connectivity



## USB Recorder **R**

Taking the live recording out of the hands of the bootlegger, the Phonic Powerpod series of powered mixers are now available with a USB recording and playback module built directly into the console. Send quality MP3 recordings directly to any formatted USB flash drive, and play back any WAV or MP3 files currently on the USB media. Ideal for instant playback at rehearsal, so you can show the drummer exactly what he's doing wrong.



## Feedback Killer **F**

No more mad dashes to the board while the audience plugs their ears, Phonic engineers have installed a 30-filter "feedback killer" into their Powerpod power mixers. The Powerpod 740FR stops the rupturing of ear-drums with a one-touch system of feedback elimination. 30 separate instances of feedback can be caught and eliminated at one time, all while maintaining the audio clarity of the source. The feedback killer operates in 2 modes: dynamic and locked. In dynamic mode, the killer searches the frequency spectrum for instances of feedback and then applies the appropriate filter. Even with performers moving around on stage, there's no need to worry that a speaker and microphone might conflict. In locked mode, the filters can be set once feedback frequencies have been found – ideal for the more stationary performers among us.



## Go Blue Bluetooth Connectivity **W**

Imagine a new frontier of reality, where the tangled wire becomes a thing of the past. New developments should never cease in the world of audio engineering, and thus Phonic is leading the way with the incorporation of Bluetooth technology. Phonic engineers have installed a 2.4 GHz wireless receiver into a number of new products, including the Powerpod 740W. This not only allows for wireless microphones to be used, but also allows Bluetooth-enabled smart phones, tablets or computers to wirelessly stream live audio into the mix. The new Bluetooth technology will also allow the product to be paired with the Phonic BTM series microphones allowing for up to two wireless microphones to be utilized by the mixer.

# Powerpods



POWERPOD 1062R

## POWERPOD 1062 **PLUS**

1200 Watt 10 Channel Powered Mixer with DFX

- ▶ 2 x 600W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor
- ▶ 6 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 super Hi-Z inputs optimized for direct instrument inputs
- ▶ Stereo line auxiliary input channel
- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ Dual 8-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- ▶ Rumble filter for mic inputs
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ Global +48V phantom power for mic inputs
- ▶ 2 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 1062R

1200 Watt 10 Channel Powered Mixer with DFX & USB Recorder

- ▶ Same as Powerpod 1062 Plus with USB recording module for record/playback of audio files



POWERPOD 1082R

## POWERPOD 1082 **PLUS**

1600 Watt 10 Channel Powered Mixer with DFX

- ▶ 2 x 800W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor
- ▶ 6 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 super Hi-Z inputs specially optimized for direct instrument inputs
- ▶ DFX, our 32/40-bit digital multi-effect processor with 16 programs plus parameter control
- ▶ Dual multi-band graphic equalizers with in/out switches for Main L/R and Monitor or Main L/R
- ▶ Stereo line auxiliary input channel
- ▶ Rumble filter for mic inputs
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ Global +48V phantom power for mic inputs
- ▶ 2 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") \ 18.14 kg (40 lbs)

## POWERPOD 1082R

1600 Watt 10 Channel Powered Mixer with DFX & USB Recorder

- ▶ Same as Powerpod 1082 Plus with USB recording module for record/playback of audio files



POWERPOD 2000R

## POWERPOD 2000R

2000W 10-Channel Powered Mixer with DFX, 10-Channel Powered Mixer with DFX, and USB Recorder

- ▶ 1000W + 1000W (at 4 ohms) stereo power amplifier for Main L/R or Mono/Monitor
- ▶ USB Recorder + Player
- ▶ 40-bit digital multi-effect processor with 16 programs- each with a user-adjustable parameter
- ▶ 8 high-quality mic preamps with switchable +48 V phantom power for condenser microphones
- ▶ 10-channel mixer section features 6 mono and 2 stereo channels plus separate line input/output
- ▶ Voical Enhance Filter on channels 1 to 5
- ▶ Four Hi-Z and one Super Hi-Z inputs optimized for direct instrument inputs
- ▶ Global phantom power for condenser microphones
- ▶ Dual 7 band graphic equalizers for Main and Monitor or Main 2
- ▶ 3-band equalizer available on all hannels
- ▶ EFX Foot Switch

## FEATURES OVERVIEW

- ▶ 2 stereo line input channels with 1/4" TRS and RCA input jacks
- ▶ Stereo 7-band graphic EQ assignable to main or aux 1
- ▶ 2 stereo AUX returns, each can be routed to AUX 1 & 2 sends (effect to monitor)
- ▶ Global +48V phantom power for mic inputs, grouped on 1860
- ▶ PFL on each input and AFL on each output
- ▶ Stand-by switch for playing music between sets
- ▶ Zone 2 output for side fill or another PA system
- ▶ Stereo RCA inputs and outputs for external CD or MP3 players
- ▶ 1 Speakon-type jack and 2 1/4" jacks per channel for speaker connection
- ▶ Low weight achieved through high-efficiency switching power supply
- ▶ Mono output for extra zone filling or as subwoofer processing source
- ▶ Molded protective cover to avoid scratching and marking when on the road
- ▶ Rugged metal main chassis with integrated handle for increased versatility
- ▶ Mains power switchable between 115 VAC and 230 VAC



### POWERPOD 1860 **PLUS**

**1600 Watt 12 Channel Powered Mixer with Graphic EQ & DFX**

- ▶ 2 x 800W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ 8 mono mic/line input channels with 3-band swept mid EQs and inserts
- ▶ 32/40-bit digital effect processor with 100 preset programs plus tap delay effects, test tones and foot switch jack
- ▶ 4 AUX sends (AUX 1/2 are pre-fader and EFX 1/2 are post-fader)
- ▶ Headphone/control room output with rotary level control
- ▶ 483 x 142 x 466 mm (19" x 5.6" x 18.4") \ 15.51 kg (34.2 lbs)



### POWERPOD K-12 **PLUS**

**2000 Watt 12 Channel Powered Mixer with Graphic EQ and Dual DFX**

- ▶ 2 x 1000W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ 8 mono mic/line input channels with 3-band swept mid-range EQ and inserts
- ▶ 2 stereo line input channels with 3-band EQ
- ▶ Onboard GEQ features feedback detection on all bands
- ▶ Dual 32/40-bit digital effect processors, each with 100 effects plus tap delay effects, test tones and foot switch jack
- ▶ 2 AUX sends, 2 EFX sends per channel
- ▶ Solid Phonic System (sPs) speaker enhancement circuit
- ▶ Optional rack mounting kit, model name ER-K12 (sold separately)
- ▶ 483 x 142 x 466 mm (19" x 5.6" x 18.4") \ 13.6 kg (30 lbs)



### POWERPOD K-16 **PLUS**

**2000 Watt 16 Channel Powered Mixer with Graphic EQ & Dual DFX**

- ▶ 2 x 1000W / 4 ohms stereo power amplifier (bridgeable and patchable)
- ▶ 12 mono mic/line input channels with 3-band swept mid-range EQ and inserts
- ▶ Dual 32/40-bit digital effect processors, each with 100 effects plus tap delay effects, test tones and foot switch jacks
- ▶ Solid Phonic System (sPs) speaker enhancement circuit
- ▶ Vocal eliminator for application in karaoke setups
- ▶ 2 AUX sends, 2 EFX sends per channel
- ▶ 483 x 142 x 466 mm (19" x 5.6" x 18.4") \ 13.6 kg (30 lbs)

# Firefly Series

We still haven't figured out how to put a turntable into an acoustic guitar, but at least the digital and analog worlds have united in harmony on the Phonic Firefly interface series. Converting analog to digital shouldn't be rocket-science, either live or in the studio, and that's why Phonic offers 3 different digital devices to perfectly suit your needs. At less than 2 pounds, the portable Firefly 302 USB can be brought anywhere and features microphone, line and S/PDIF connections, all of which can be sent to a computer via UDB in 24-bit, 192 kHz resolution. The all new Firefly ADA8 features 8 separate channels and inputs for the quickest and easiest merging of digital and analog equipment in the studio. And rounding out the series is the Firefly 808 Universal – the last studio pre-amp you'll ever need to buy, featuring both USB and FireWire interfaces for recording any multitude of the 8 mic/line, ADAT, AES/EBU, S/PDIF, or MIDI inputs.



FIREFLY 808 UNIVERSAL

## FIREFLY 808 UNIVERSAL

Studio Recording Preamp with 192 kHz USB/FireWire Interface

- ▶ Maximum 18 simultaneous inputs and outputs via FireWire/USB audio interface
- ▶ 24-bit resolution with sampling rate adjustable up to 192 kHz
- ▶ 8 microphone preamps with trim control and individual phantom power switches
- ▶ 8 analog line inputs including 2 instrument inputs
- ▶ Digital I/O: S/PDIF, AES/EBU, ADAT, MIDI and word clock
- ▶ 8 channels of optical ADAT I/O (4 channels via 96k dual SMUX)
- ▶ Headphone output and main output with volume control for monitoring
- ▶ 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
- ▶ Stand-alone mixer functionality for field and studio use without computer
- ▶ Instrument input, pad switch, balanced TRS send jacks on Inputs 1 and 2
- ▶ Compatible with Mac OSX and Windows XP, Vista & 7
- ▶ Steinberg Cubase LE digital audio workstation software included
- ▶ 482 x 88 x 290 mm (19" x 3.46" x 11.42") \ 4.53 kg (10 lbs)

## FIREFLY ADA8

8 Channel AD/DA Converter

- ▶ 8 mic/line input channels with low-noise A/D converters
- ▶ 8 channels of optical ADAT I/O
- ▶ Analog inputs are routed to digital outputs and vice-versa
- ▶ Simultaneous DAC and ADC operation possible
- ▶ Balanced XLR line-level output connectors
- ▶ Signal & clip indicators on all input channels
- ▶ Selectable 44.1 and 48 kHz sampling rates
- ▶ Word Clock connection with master/slave switch
- ▶ 483 x 44 x 206 mm (19" x 1.7" x 8.1") \ 2.25 kg (4.96 lbs)



FIREFLY ADA8

## FIREFLY 302 USB

Portable USB Audio Interface

- ▶ 5 x 6 24-bit/192kHz USB stream I/O
- ▶ Front-panel XLR mic input with +48V phantom power
- ▶ 2 1/4" TRS and 2 RCA input connections (2 x 2 operation)
- ▶ Headphone output with dedicated level control
- ▶ Low-latency ASIO software direct monitoring
- ▶ Sig and clip LED indicators for input and output
- ▶ Compatible with Intel-based Macs
- ▶ Compatible with Windows XP, Vista & 7
- ▶ Steinberg's Cubase LE DAW software included
- ▶ 155 x 196 x 51 mm (6.1" x 7.7" x 2") \ 0.9 kg (1.98 lbs)



FIREFLY 302 USB

# DJ Mixers

Whether you're spinning decks in a dance club, making a hip hop mix, or just blasting out love songs at a wedding, the Phonic series of DJ mixers are designed to take the punishment of a rigorous mixing session from both amateur DJs and seasoned professionals. Take advantage of the two to six deck designs, allowing for crossfading across multiple input sources to create unique and dynamic mixes. Every aspect of the Phonic DJ Mixers was designed to make your life easy. Beat-match using the beat-meters, create your own samples, add effects, or play back MP3s from USB sticks; the Phonic DJ mixers are flexible enough to help you 'rock the house' but priced to ensure you don't need to sell off your vinyl collection to afford one.



## MX 300

3-Channel DJ Mixer

- ▶ Three phono, three line and three mic inputs
- ▶ Push button cueing with cue/program pan control
- ▶ 3-band equalizer (-30dB to +15dB) and gain control on each program channel
- ▶ Master and DJ booth output level control
- ▶ LED output display for master and cue level
- ▶ 12V BNC gooseneck lamp jack
- ▶ Ultra durable crossfader (replaceable)
- ▶ 254 x 320 x 99 mm (10" x 12.6" x 3.9")
- ▶ 3.5 kg (7.7 lbs)



## MX 300 USB

3-Channel DJ Mixer with Single USB Playback

- ▶ Same as MX300 with MP3 playback from USB flash discs on two channels



## MX 300 USBW **WIRELESS**

3-Channel DJ Mixer with USB Playback and Bluetooth

- ▶ Same as MX300 with
- ▶ MP3 playback from USB flash discs on one channel
- ▶ Bluetooth wireless playback on the second channel

# Studio Monitors

For the majority of us who aren't Latin majors, acumen refers to accuracy or keenness of insight – both apt descriptions of the Phonic Acumen series. The unique steeple-shaped enclosure minimizes acoustic inaccuracies found in standard box-shaped speakers, maximizes bass extension, acoustic sweet spot, and transparency, and reduces common abnormalities like resonance peaks, diffraction, and port turbulence. Oh, and it looks good while doing it too. Perfect for a studio monitoring system, or any other situation in need of premium sound for music playback, the Acumen series features custom-designed Kevlar woofers, silk tweeters and other precision selected materials to mold a lush and accurate sound. The bi-amplified Acumen also has the best in-class wattage output: 100 Watts for the Acumen 4A, 210 Watts for the Acumen 6A, and 320 Watts for the Acumen 8A. The Phonic Acumen series put the optimal sound at your fingertips.



## ACUMEN 6A

210 Watt 6-1/4" Studio Monitor

## ACUMEN 8A

320 Watt 8-3/4" Studio Monitor

- ▶ Unique steeple-shaped enclosure enhances bass extension, acoustic imaging and transparency
- ▶ Custom-tuned transducers: Kevlar long-throw woofer and silk dome tweeter
- ▶ Lush yet accurate signature sound
- ▶ Flexible inputs: XLR, TRS (1/4"), RCA
- ▶ Bi-amplified design: 100 Watts (Acumen 4A), 210 Watts (Acumen 6A), 320 Watts (Acumen 8A)
- ▶ 4th order Linkwitz-Riley crossover - phase and time-aligned
- ▶ Adjustable high frequency, low frequency trim, and room compensation
- ▶ Thick, Grade-A MDF wood body

# Safari Series

If you were to bring a public address system with you on a safari, the Phonic Safari Series would be your only choice. With the ultimate combination of design and performance in self-contained portable audio, the Safari 2000 and Safari 3000 systems feature an on-board mixer built into a speaker – eliminating the need for a separate unit. Built tough to withstand the tumbles of a self-contained touring act, each system incorporates a 2 or 3 channel mixer. Channel 1 (and channel 2 on the 3000) features ¼" and XLR combo inputs, while RCA and TS inputs take up the final slot for connection of CD, MP3, and DVD players. 2 wireless microphones with frequency auto-scan can also be installed on the Safari units. It's all you need to take yourself out on the road, or perhaps a safari.



SAFARI 3000



SAFARI 2000

## SHARED FEATURES

- ▶ Outputs: RCA output and powered output for passive companion speakers
- ▶ Thick, molded polymer enclosure and rounded corners help withstand the bumps and bruises of the road
- ▶ Proprietary power supply and battery management system for fantastic reliability and efficiency
- ▶ New wireless microphone system with auto frequency scan (optional)
- ▶ All-in-one shock-proof CD player with USB recorder/player (optional)
- ▶ USB recorder and playback module (optional)

## Safari 2000

**200 Watt 8" Mobile PA System with 2-Channel Mixer**

- ▶ 8" woofer and new 1" tweeter
- ▶ 2 channel onboard mixer: combo jack (XLR & ¼"), ¼" TS and RCA inputs
- ▶ Dual class D amplifiers offer 100 Watts RMS / 200 Watts Peak
- ▶ Bluetooth enabled! Stream music to the Safari 2000 from any bluetooth-enabled cell phone, tablet PC, or laptop
- ▶ 553 x 350 x 333 mm (21.8" x 13.8" x 13.1") \ 16 kg (35 lbs)

## Safari 2000P

**200 Watt 8" Passive Companion Speaker**

- ▶ 8" woofer and 1" tweeter

## Safari 3000

**320 Watt 10" Mobile PA System with 3-Channel Mixer**

- ▶ 10" long-throw woofer and 1" pure titanium compression tweeter
- ▶ 3 channel onboard mixer: Dual combo jack (XLR & ¼"), mini-stereo and RCA inputs
- ▶ Dual class D amplifiers offer 160 Watts RMS / 320 Watts Peak
- ▶ Retractable metal handle and wheels for improved portability
- ▶ 418 x 292 x 252 mm (16.5" x 11.5" x 9.9") \ 9.5 kg (21 lbs)

## Safari 3000P

**320 Watt 10" Passive Companion Speaker**

- ▶ 10" long-throw woofer and 1" pure titanium compression tweeter

**Safari2000/3000 SYS1** is Safari2000/3000 + WM-1S + CD/USB

**Safari2000/3000 SYS2** is Safari2000/3000 + WM-1S + USBR-1

## Also available



Wireless handheld system (WM-1S)



Wireless lavalier system (WL-1S)



Wireless headset system (WH-1S)



CD/USB MP3 player & recorder (SAFARI CD/USB)



USB MP3/WMA player & recorder (USBR-1)

# Inception



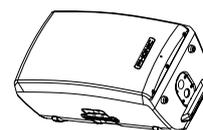
When you need to shake the ground, there's no mistaking the combination of sheer volume and portability that the Phonic Inception provides. The Inception 12A's 1100 Watt amplifier paired with custom transducers produces an earth-shattering 131dB maximum SPL. Along with astonishingly crisp sound, the Inception features on-board mixing, versatile mounting possibilities, and an impact resistant molded body – ideal for filling any sized room, as well as the great outdoors.

## Inception 12A 1100 Watt 12" Active Speaker

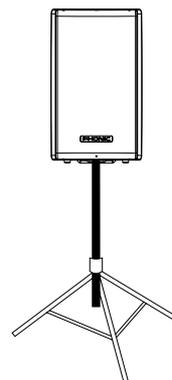
- ▶ 1100 Watt bi-amplified system using class D amp technologies
- ▶ 12" long-throw composite woofer matched with 1.75" pure titanium compression tweeter
- ▶ Flat frequency response between 45Hz and 20kHz (EQ in 'Flat' position)
- ▶ 131dB maximum sound pressure level
- ▶ 3 M-10 fly points for installation hanging
- ▶ Impact resistant polymer shell with vertical curvature to decrease internal diffraction
- ▶ 45° floor monitor position when placed on side
- ▶ Line-level XLR outputs for connecting additional amplifiers/speakers
- ▶ Ergonomic rubberized handles
- ▶ 640 x 378 x 365 mm (25.2" x 14.9" x 14.4") \ 19.5 kg (43 lbs)



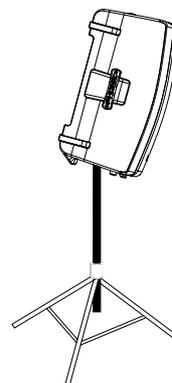
Suspended from integrated M10 installation points



45° floor monitor position



Standard 35mm pole mount



8° downtilt option for extended sound projection

# ClubX

Phonic's ClubX speaker line is exquisitely engineered for the audio professional; the systems installers for the most demanding clubs, restaurants, bars, and other live venues. The ClubX achieves its signature transparent sound and deep bass by using premium components engineered from scratch. By designing each component specifically for the ClubX, Phonic engineers ensured that the unit performs in perfect harmony. Each ClubX speaker is a testament to Phonic's craftsmanship - constructed with top grade 15mm birch plywood, fortified with internal bracings, and shielded by three layers of scratch-proof paint. The ClubX's twelve M8 suspension points, 45 degree monitor angles, 90x60 degree rotatable horn, and ergonomic integrated handles give it tremendous installation versatility and portability. The ClubX active series also features Phonic's ultra-efficient digital amplifiers with a high dampening factor and phase coherent active electronics. Whether you choose the active or passive Club X, it is sure to deliver on your needs as a consummate professional.



## ClubX 8

Passive 2-way Stage Speaker & Floor Monitor

- ▶ 8" woofer with 1.5" voice coil \ 1" pure titanium tweeter
- ▶ 225W RMS \ 450W program \ 900W peak (IEC 268-5)
- ▶ Frequency response 89Hz – 20kHz (+-3dB)
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 90°x60° Rotatable Horn
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 12 M8 suspension points
- ▶ 445 x 285 x 275 mm (17.5" x 11.2" x 10.8")
- ▶ 10 kg (22 lbs)

## ClubX 8A

Active 2-Way Stage Speaker & Floor Monitor

- ▶ 500W Continuous \ 1000W peak
- ▶ Frequency response from 61Hz – 20kHz (+-3dB)
- ▶ 127dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

## ClubX 10

Passive 2-way Stage Speaker & Floor Monitor

- ▶ 10" woofer with 2.5" voice coil \ 1" pure titanium tweeter
- ▶ 325W RMS \ 650W program \ 1300W peak (IEC 268-5)
- ▶ Frequency response 70Hz – 20kHz (+-3dB)
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 90°x60° Rotatable Horn
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 12 M8 suspension points
- ▶ 510 x 320 x 325 mm (20.1" x 12.6" x 12.8")
- ▶ 12.2 kg (26.9 lbs)

## ClubX 10A

Active 2-Way Stage Speaker & Floor Monitor

- ▶ 750W Continuous \ 1500W peak
- ▶ Frequency response from 56Hz – 20kHz (+-3dB)
- ▶ 129dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

## ClubX 12

Passive 2-way Stage Speaker & Floor Monitor

- ▶ 12" woofer with 3" voice coil \ 1.75" pure titanium tweeter
- ▶ 400W RMS \ 800W program \ 1600W peak (IEC 268-5)
- ▶ Frequency response 57Hz – 20kHz (+-3dB)
- ▶ 8 ohm nominal impedance
- ▶ 98dB sensitivity (1W@1M)
- ▶ 90°x60° Rotatable Horn
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 12 M8 suspension points
- ▶ 620 x 387 x 365 mm (24.4" x 15.3" x 14.4")
- ▶ 18.5 kg (40.8 lbs)

## ClubX 12A

Active 2-Way Stage Speaker & Floor Monitor

- ▶ 1000W Continuous \ 2000W peak
- ▶ Frequency response from 48Hz – 20kHz (+-3dB)
- ▶ 133dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

## Passive Series

	ClubX 8	ClubX 10	ClubX 12	ClubX 15	ClubX 215	ClubX 185B
Woofer	8"	10"	12"	15"	2 x 15"	18"
Tweeter	1"	1"	1.75"	1.75"	1.75"	-
Frequency Response	89Hz - 20kHz	70Hz - 20kHz	57Hz - 20kHz	50Hz - 20kHz	40Hz - 20kHz	35Hz - 150Hz
Power Handling (RMS IEC 268-5)	225W	325W	400W	425W	850W	750W
Power Handling (Music)	450W	650W	800W	850W	1700W	1500W
Power Handling (Peak)	900W	1300W	1600W	1700W	3400W	3000W
Impedance (Ohms)	8	8	8	8	4	8
Sensitivity	97 dB	97 dB	98 dB	99 dB	101 dB	99 dB

## FEATURE OVERVIEW

- ▶ 1.75" titanium compression driver with ceramic ferrite magnet
- ▶ Sturdy 15mm birch plywood construction with internal bracing
- ▶ 90°x60° Rotatable CD horn
- ▶ Customized high BL woofers
- ▶ 3-layer scratch-proof paint finish for extended durability
- ▶ Powder coated 18 gauge steel grille with foam
- ▶ 12 M8 flypoints on ClubX 10, 12 and 15
- ▶ 35mm dual angle pole mount on ClubX 10, 12 and 15



### ClubX 15

#### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 15" woofer with 3" voice coil \ 1.75" pure titanium tweeter
- ▶ 425W RMS \ 850W program \ 1700W peak (IEC 268-5)
- ▶ Frequency response 50Hz – 20kHz (+-3dB)
- ▶ 8 ohm nominal impedance
- ▶ 99dB sensitivity (1W@1M)
- ▶ 90°x60° Rotatable Horn
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 12 M8 suspension points
- ▶ 770 x 530 x 490 mm (30.3" x 20.9" x 19.3")
- ▶ 23.7 kg (52.2 lbs)

### ClubX 15A

#### Active 2-Way Stage Speaker & Floor Monitor

- ▶ 1000W Continuous \ 2000W peak
- ▶ Frequency response from 44Hz – 20kHz (+-3dB)
- ▶ 135dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

### ClubX 215

#### Passive 2-way Stage Speaker

- ▶ Dual 15" woofer with 3" voice coil \ 1.75" pure titanium tweeter
- ▶ 850W RMS \ 1700W program \ 3400W peak (IEC 268-5)
- ▶ Frequency response 40Hz – 20kHz (+-3dB)
- ▶ 4 ohm nominal impedance
- ▶ 101dB sensitivity (1W@1M)
- ▶ 90°x60° Rotatable Horn
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 4 Casters, wheels
- ▶ 1200 x 520 x 456 mm (47.2" x 20.5" x 18.0")
- ▶ 52.9 kg (116.6 lbs)

### ClubX 215A

#### Active 2-Way Stage Speaker

- ▶ 1000W continuous \ 2000W peak
- ▶ Frequency response from 33Hz – 20kHz (+-3dB)
- ▶ 138dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

### ClubX 18SB

#### Passive Subwoofer

- ▶ 18" woofer with 4" voice coil
- ▶ 750W RMS \ 1500W program \ 3000W peak (IEC 268-5)
- ▶ Frequency response 35Hz – 150Hz (+-3dB)
- ▶ 8 ohm nominal impedance
- ▶ 99dB sensitivity (1W@1M)
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 642 x 522 x 655 mm (25.3" x 20.6" x 25.8")
- ▶ 44 kg (97 lbs)

### ClubX 18SBA

#### Active Subwoofer

- ▶ 1000W Continuous \ 2000W peak
- ▶ Frequency response from 35Hz – 150Hz (+-3dB)
- ▶ 135dB maximum SPL
- ▶ Phase aligned Linkwitz-Riley crossover

## Active Series

	ClubX 8A	ClubX 10A	ClubX 12A	ClubX 15A	ClubX 215A	ClubX 18SBA
Woofer	8"	10"	12"	15"	2 x 15"	18"
Tweeter	1"	1"	1.75"	1.75"	1.75"	-
Frequency Response	61Hz - 20kHz	56Hz - 20kHz	48Hz - 20kHz	44Hz - 20kHz	33Hz - 20kHz	35Hz - 150Hz
Power Output (Continuous)	500W	750W	1000W	1000W	1000W	1000W
Power Output (Peak)	1000W	1500W	2000W	2000W	2000W	2000W
Sound Pressure	127 dB	129 dB	133 dB	135 dB	138 dB	135 dB

# iSK Deluxe

If you've finally upgraded your tour vehicle from your old station wagon, then maybe it's about time you stepped your sound up to the next level as well. The Phonic iSK Deluxe series sets the new standard in premium passive loudspeakers – a studio tuned system with high sound pressure levels, wide frequency responses and effortless power handling. The iSK Deluxe features new 1.8" pure titanium compression tweeters that easily extend beyond 22 kHz as well as long-throw woofers that delivers chest-thumping bass. Signature vertical curvatures, thick foamed grilles, ergonomic metal handles, and 3 layers of anti-scratch coating covering a reinforced Plywood & MDF build ensure that each speaker rolls with whatever punches you throw it. The iSK Deluxe series also provides a myriad of mounting possibilities with multiple M8 suspension points and metal pole mounts. Engineered for unsurpassed audio response and power handling, the iSK Deluxe provide the speakers you've been waiting for.



## iSK 8 Deluxe

Passive 2-way Stage Speaker & Floor Monitor

- ▶ 8" woofer with 1.5" voice coil \ 1" pure titanium tweeter
- ▶ 175W RMS \ 350W program \ 700W peak (IEC 268-5)
- ▶ Frequency response 70Hz-20kHz (+-3dB)
- ▶ Tough triple-layer scratchproof paint
- ▶ 12 M8 suspension points
- ▶ 8 ohm nominal impedance
- ▶ 95dB sensitivity (1W@1M)
- ▶ 70°x70° Conical Horn
- ▶ 2 durable integrated handles
- ▶ Durable plywood and MDF construction with internal bracing system
- ▶ 458 x 270 x 270 mm (10.8" x 18.32" x 10.8" )
- ▶ 11.20 kg (24.7 lbs)

## iSK 8A Deluxe

Active 2-Way Stage Speaker & Floor Monitor

- ▶ 400W Continuous \ 800W peak
- ▶ Frequency response from 66Hz-20kHz (+-3dB)
- ▶ 124dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

## iSK 10 Deluxe

Passive 2-way Stage Speaker & Floor Monitor

- ▶ 10" woofer with 2" voice coil \ 1" pure titanium tweeter
- ▶ 200W RMS \ 400W program \ 800W peak (IEC 268-5)
- ▶ Frequency response 65Hz-20kHz (+-3dB)
- ▶ Tough triple-layer scratchproof paint
- ▶ 12 M8 suspension points
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 70°x70° Conical Horn
- ▶ 2 durable integrated handles
- ▶ Durable plywood and MDF construction with internal bracing system
- ▶ 522 x 340 x 330 mm (20.55" x 13.39" x 12.99")
- ▶ 14.20kg (31.30lbs)

## iSK 10A Deluxe

Active 2-Way Stage Speaker & Floor Monitor

- ▶ 500W Continuous \ 1,000W peak
- ▶ Frequency response from 61Hz-20kHz (+-3dB)
- ▶ 126dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

## iSK 12 Deluxe

Passive 2-way Stage Speaker & Floor Monitor

- ▶ 12" woofer with 2.6" voice coil \ 1.8" pure titanium tweeter
- ▶ 350W RMS \ 700W program \ 1400W peak (IEC 268-5)
- ▶ Frequency response 52Hz – 22kHz (+-3dB)
- ▶ Tough triple-layer scratchproof paint
- ▶ 12 M8 suspension points
- ▶ 8 ohm nominal impedance
- ▶ 98dB sensitivity (1W@1M)
- ▶ 90°x70°Wing-Guide™Horn
- ▶ 2 durable integrated handles
- ▶ Durable plywood and MDF construction with internal bracing system
- ▶ 627 x 395 x 370 mm (24.7" x 15.5" x 14.6")
- ▶ 23.5kg (51.7lbs)

## iSK 12A Deluxe

Active 2-Way Stage Speaker & Floor Monitor

- ▶ 750W Continuous \ 1500W peak
- ▶ Frequency response from 53Hz – 22kHz (+-3dB)
- ▶ 129dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

## Passive Series

	iSK 8 Deluxe	iSK 10 Deluxe	iSK 12 Deluxe	iSk 15 Deluxe	iSK 215 Deluxe	iSK 18SB Deluxe
Frequency Response (+/- 3dB)	70Hz-20kHz	65Hz-20kHz	52Hz-22kHz	48Hz-22kHz	38Hz-22kHz	35Hz-250Hz
Power Handling (RMS IEC 268-5)	175W	200W	350W	350W	700W	500W
Power Handling (Music)	350W	400W	700W	700W	1400W	1000W
Power Handling (Peak)	700W	800W	1400W	1400W	2800W	2000W
Sensitivity 1W@1M	95dB	97dB	98dB	98dB	100dB	99dB
System Impedance	8ohm	8ohm	8ohm	8ohm	4ohm	4ohm
Woofer	8"	10"	12"	15"	Dual 15"	18"
Tweeter	1" Titanium	1" Titanium	1.8" Titanium	1.8" Titanium	1.8" Titanium	-

## FEATURE OVERVIEW

- ▶ New 1.8" pure titanium compression tweeter and Phonic's Wing-Guide™ horn deliver transient highs beyond 22kHz (2-way models only)
- ▶ New long-throw composite (paper/fiber) woofer for deep low frequency extension
- ▶ Thick black powdered grilles with acoustically transparent foam
- ▶ Custom engineered woofers and tweeters
- ▶ M8 suspension points for installation hanging
- ▶ Plywood & MDF body with stability bracing increases structural strength
- ▶ 3-layer scratch-proof paint finish for extended durability
- ▶ Ergonomic integrated handles



### iSK 15 Deluxe

#### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 15" woofer with 2.6" voice coil \ 1.8" pure titanium tweeter
- ▶ 350W RMS \ 700W program \ 1400W peak (IEC 268-5)
- ▶ Frequency response 48Hz-22kHz (+-3dB)
- ▶ Tough triple-layer scratchproof paint
- ▶ 12 M8 suspension points
- ▶ 8 ohm nominal impedance
- ▶ 98dB sensitivity (1W@1M)
- ▶ 90°x70°Wing-Guide™Horn
- ▶ 2 durable integrated handles
- ▶ Durable plywood and MDF construction with internal bracing system
- ▶ 717 x 460 x 435 mm (28.2" x 18.1" x 17.1")
- ▶ 28.5 kg (62.7 lbs)

### iSK 15A Deluxe

#### Active 2-Way Stage Speaker & Floor Monitor

- ▶ 750W Continuous \ 1500W peak
- ▶ Frequency response from 42Hz – 22kHz (+-3dB)
- ▶ 131dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

### iSK 215 Deluxe

#### Passive 2-way Stage Speaker

- ▶ Dual 15" woofer with 2.6" voice coil \ 1.8" pure titanium tweeter
- ▶ 700W RMS \1400W program \2800W peak (IEC 268-5)
- ▶ Frequency response 38Hz-22kHz (+-3dB)
- ▶ Tough triple-layer scratchproof paint
- ▶ 4 ohm nominal impedance
- ▶ 100dB sensitivity (1W@1M)
- ▶ 90°x70°Wing-Guide™Horn
- ▶ 2 durable integrated handles
- ▶ Durable plywood and MDF construction with internal bracing system
- ▶ 1170 x 460 x 435 mm (46.1" x 18.1" x 17.1")
- ▶ 50 kg (110 lbs)

### iSK 215A Deluxe

#### Active 2-Way Stage Speaker

- ▶ 750W Continuous \ 1500W peak
- ▶ Frequency response from 35Hz-22kHz (+-3dB)
- ▶ 132dB Maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover

### iSK 18SB Deluxe

#### Passive Subwoofer

- ▶ 18" woofer with 4" voice coil
- ▶ 500W RMS \ 1000W program \ 2000W peak (IEC 268-5)
- ▶ Frequency response 35Hz-250Hz (+-3dB)
- ▶ 4 ohm nominal impedance
- ▶ 99dB sensitivity (1W@1M)
- ▶ Tough triple-layer scratchproof paint
- ▶ 2 durable integrated handles
- ▶ 15mm plywood construction with internal bracing system
- ▶ 517 x 630 x 620 mm (21.1" x 24.4" x 24.4")
- ▶ 47 kg (103.4 lbs)

### iSK 18SBA Deluxe

#### Active Subwoofer

- ▶ 750W Continuous \ 1500W peak
- ▶ Frequency response from 35Hz – 250Hz (+-3dB)
- ▶ 128dB maximum SPL
- ▶ Phase aligned Linkwitz-Riley crossover

## Active Series

	iSK 8A Deluxe	iSK 10A Deluxe	iSK 12A Deluxe	iSk 15A Deluxe	iSK 215A Deluxe	iSK 18SBA Deluxe
Frequency Response (+/- 3dB)	66Hz-20kHz	61Hz-20kHz	53Hz-22kHz	42Hz-22kHz	35Hz-22kHz	35Hz-250Hz
Max Sound Pressure	124dB	126dB	129dB	131dB	132dB	128dB
Power Output (Continuous)	400W	500W	750W	750W	750W	750W
Power Output (Peak)	800W	1000W	1500 W	1500 W	1500 W	1500 W
Woofer	8"	10"	12"	15"	Dual 15"	18"
Tweeter	1" Titanium	1" Titanium	1.8" Titanium	1.8" Titanium	1.8" Titanium	-

# iSK

With its signature vertical curvatures, thick foamed grille, and ergonomic metal handles, the studio-tuned iSK establishes itself as the new segment benchmark. The iSK's new 1.8" pure titanium compression tweeters gracefully extends beyond 22kHz. Paired with Phonic's proprietary Wing-Guide™ horn, the iSK achieves best-in-class dispersion of 90°x70°. The custom-engineered woofers are high BL and low F0, ensuring that the iSK series achieves chest-thumping bass. Each two-way model also serves as a floor monitor with a 45° angle. Finally, the iSK is incredibly heavy-duty with professional-grade carpeting covering and reinforced 20mm grade A MDF build. The iSK series also is equipped with a thick 1.3mm steel grille with acoustically-transparent foam. Engineered for an unsurpassed audio response, sensational power handling, and extensive mounting possibilities, the iSK establishes a new benchmark.



## iSK 8

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 8" woofer with 1.5" voice coil \ 1" pure titanium tweeter
- ▶ 175W RMS \ 350W program \ 700W peak (IEC 268-5)
- ▶ Frequency response 70Hz-20kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 95dB sensitivity (1W@1M)
- ▶ 70°x70° Conical Horn
- ▶ Heavy duty metal handle
- ▶ Durable 15mm MDF construction with internal bracing system
- ▶ 458 x 270 x 270 mm (10.8" x 18.32" x 10.8")  
11.20 kg (24.7 lbs)



## iSK 10

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 10" woofer with 2" voice coil \ 1" pure titanium tweeter
- ▶ 200W RMS \ 400W program \ 800W peak (IEC 268-5)
- ▶ Frequency response 65Hz-20kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 70°x70° Conical Horn
- ▶ Heavy duty metal handle
- ▶ 15mm MDF construction with internal bracing system
- ▶ 522 x 340 x 330 mm (20.55" x 13.39" x 12.99")  
14.20 kg (31.30 lbs)



## iSK 12

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 12" woofer with 2.6" voice coil \ 1.8" pure titanium tweeter
- ▶ 350W RMS \ 700W program \ 1400W peak (IEC 268-5)
- ▶ Frequency response 52Hz – 22kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 98dB sensitivity (1W@1M)
- ▶ 90°x70° Wing-Guide™ Horn
- ▶ Heavy duty metal handles
- ▶ 15mm MDF construction with internal bracing system
- ▶ 627 x 395 x 370 mm (24.7" x 15.5" x 14.6")  
23.5 kg (51.7 lbs)



## iSK 15

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 15" woofer with 2.6" voice coil \ 1.8" pure titanium tweeter
- ▶ 350W RMS \ 700W program \ 1400W peak (IEC 268-5)
- ▶ Frequency response 48Hz-22kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 98dB sensitivity (1W@1M)
- ▶ 90°x70° Wing-Guide™ Horn
- ▶ Heavy duty metal handles
- ▶ 15mm MDF construction with internal bracing system
- ▶ 717 x 460 x 435 mm (28.2" x 18.1" x 17.1")  
28.5 kg (62.7 lbs)



## iSK 215

### Passive 2-way Stage Speaker

- ▶ Dual 15" woofer with 2.6" voice coil \ 1.8" pure titanium tweeter
- ▶ 700W RMS \ 1400W program \ 2800W peak (IEC 268-5)
- ▶ Frequency response 38Hz-22kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 4 ohm nominal impedance
- ▶ 100dB sensitivity (1W@1M)
- ▶ 90°x70° Wing-Guide™ Horn
- ▶ Heavy duty metal handles
- ▶ 18mm MDF construction with internal bracing system
- ▶ 1170 x 460 x 435 mm (46.1" x 18.1" x 17.1")  
50 kg (110 lbs)



## iSK 18SB

### Passive Subwoofer

- ▶ 18" woofer with 4" voice coil
- ▶ 500W RMS \ 1000W program \ 2000W peak (IEC 268-5)
- ▶ Frequency response 35Hz-250Hz (+-3dB)
- ▶ 4 ohm nominal impedance
- ▶ 99dB sensitivity (1W@1M)
- ▶ Durable carpeted enclosure
- ▶ Heavy duty metal handles
- ▶ 18mm MDF construction with internal bracing system
- ▶ 517 x 630 x 620 mm (21.1" x 24.4" x 24.4")  
47 kg (103.4 lbs)

	iSK 8	iSK 10	iSK 12	iSK 15	iSK 215	iSK 18SB
Frequency Response (+/- 3dB)	70Hz-20kHz	65Hz-20kHz	52Hz-22kHz	48Hz-22kHz	38Hz-22kHz	35Hz-250Hz
Power Handling (RMS IEC 268-5)	175W	200W	350W	350W	700W	500W
Power Handling (Music)	350W	400W	700W	700W	1400W	1000W
Power Handling (Peak)	700W	800W	1400W	1400W	2800W	2000W
Sensitivity 1W@1M	95dB	97dB	98dB	98dB	100dB	99dB
System Impedance	8ohm	8ohm	8ohm	8ohm	4ohm	4ohm
Woofer	8"	10"	12"	15"	Dual 15"	18"
Tweeter	1" Titanium	1" Titanium	1.8" Titanium	1.8" Titanium	1.8" Titanium	-

# aSK

While other brands may trade quality for price, Phonic proudly puts the same care and precision craftsmanship into all of our products. The Phonic aSK series was specially developed to offer premium performance at a phenomenal value. Each aSK is equipped with Phonic's own Wing-Guide™ horn that lowers distortion and improves dispersion. Brand new pure titanium compression tweeters and long-throw woofers were developed specifically for the series, resulting in stellar acoustical response with an extra bass boost for that invigorated thump. Specially configured internal bracing minimizes body vibration while simultaneously improving structural strength. The Phonic aSK series will tear down the roof and leave you enough money to put it back up.



## aSK 10

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 10" woofer \ 1" pure titanium tweeter
- ▶ 100W RMS (IEC 268-5) \ 200W program \ 400W peak
- ▶ Frequency response 65Hz-20kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 96dB sensitivity (1W@1M)
- ▶ 90° x 70° Wing-Guide™ Horn
- ▶ Heavy duty metal handle
- ▶ Robust MDF construction with internal bracing system
- ▶ 578 x 385 x 307 mm (22.8" x 15.2" x 12.1")
- ▶ 15 kg (33 lbs)

## aSK 12

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 12" woofer \ 1.4" pure titanium tweeter
- ▶ 200W RMS (IEC 268-5) \ 400W program \ 800W peak
- ▶ Frequency response 50Hz-20kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 90° x 70° Wing-Guide™ Horn
- ▶ Heavy duty metal handle
- ▶ Robust MDF construction with internal bracing system
- ▶ 607 x 405 x 323 mm (23.9" x 15.9" x 12.7")
- ▶ 16.5 kg (36.3 lbs)

## aSK 15

### Passive 2-way Stage Speaker & Floor Monitor

- ▶ 15" woofer \ 1.4" pure titanium tweeter
- ▶ 200W RMS (IEC 268-5) \ 400W program \ 800W peak
- ▶ Frequency response 45Hz-20kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 90°x70° Wing-Guide™ Horn
- ▶ Heavy duty metal handle
- ▶ Robust MDF construction with internal bracing system
- ▶ 705x470x375mm (27.8x18.5x14.8in)
- ▶ 21kg (46.2lbs)



## aSK 215

### Passive 2-way Stage Speaker

- ▶ Dual 15" woofer \ 1.4" pure titanium tweeter
- ▶ 400W RMS (IEC 268-5) \ 800W program \ 1600W peak
- ▶ Frequency response 40Hz-20kHz (+-3dB)
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 99dB sensitivity (1W@1M)
- ▶ 90°x70° Wing-Guide™ Horn
- ▶ Heavy duty metal handles
- ▶ Robust MDF construction with internal bracing system
- ▶ 1100 x 470 x 470 mm (43.3" x 18.5" x 18.5")
- ▶ 44.5 kg (97.9 lbs)



## aSK 18SB

### Passive Subwoofer

- ▶ 18" woofer
- ▶ 300W RMS (IEC 268-5) \ 600W program \ 1200W peak
- ▶ Frequency response 40Hz-250Hz (+-3dB)
- ▶ 4 ohm nominal impedance
- ▶ 99dB sensitivity (1W@1M)
- ▶ Durable carpeted enclosure
- ▶ Heavy duty metal handles
- ▶ Robust MDF construction with internal bracing system
- ▶ 535 x 620 x 620 mm (21.1" x 24.4" x 24.4")
- ▶ 44 kg (96.8 lbs)

	aSK 10	aSK 12	aSK 15	aSK 215	aSK 18SB
Frequency Response (+/- 3dB)	65Hz-20kHz	50Hz-20kHz	45Hz-20kHz	40Hz-20kHz	40Hz-250Hz
Power Handling (RMS IEC 268-5)	100W	200W	200W	400W	300W
Power Handling (Music)	200W	400W	400W	800W	600W
Power Handling (Peak)	400W	800W	800W	1600W	1200W
Sensitivity 1W@1M	96dB	97dB	97dB	99dB	99dB
System Impedance	8ohm	8ohm	8ohm	4ohm	4ohm
Woofer	10"	12"	15"	Dual 15"	18"
Tweeter	1" Titanium	1.4" Titanium	1.4" Titanium	1.4" Titanium	-

# CONTRACTOR SPEAKERS



## 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
- ▶ Lightweight and compact
- ▶ U-mount bracket included
- ▶ 184 x 114 x 108 mm (7.25" x 4.5" x 4.25")  
1.58 kg (3.5 lbs)



## VERSATAP 50 6-1/2" 2-way 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")  
3.5 kg (7.7 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")  
2.34 kg (5.17 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")  
3.17 kg (7 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 (6.88 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)

Moisture resistant aluminum enclosure available in black or white

# XP SERIES



XP 3000



XP 5000

The Phonic XP series of power amps has long been Phonic's flagship amplifier series, and with good reason. With models ranging from 1000 to 5000 Watts, the XP amplifiers supply clean, beefy power into low loads. Advanced onboard protection-circuitry shields the unit from external interferences, and the quick recovery circuitry and variable speed fans ensure optimal performance. When flawless execution is a requirement, not a desire, the XP series should be considered essential to your live setup. If it's your time to shine, make sure your gear has got your back. Generally, loudspeaker manufacturers recommend an amplifier with power output equal to the speaker's Program (Music) Power rating or two times (2 x) the Continuous (RMS) Power rating. The Phonic amplifiers deliver just the right amount of power to the most popular speakers available on the market.

## 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
- ▶ 2 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

### 2240 Watt Power Amplifier

- ▶ Output Power: 1120W @ 2 ohms per channel, 880W @ 4 ohms per channel
- ▶ Requires two standard rack units for mounting
- ▶ 482 x 105 x 400 mm (19" x 4" x 15.7") \ 16.6 kg (36.7 lbs)

## XP 2000

### 3840 Watt Power Amplifier

- ▶ Output Power: 1920W @ 2 ohms per channel, 1320W @ 4 ohms per channel
- ▶ Requires 2 standard rack units for mounting
- ▶ 482 x 105 x 400 mm (19" x 4" x 15.7") \ 20.68 kg (45.6 lbs)

## XP 3000

### 5600 Watt Power Amplifier

- ▶ Output Power: 2800W @ 2 ohms per channel, 2200W @ 4 ohms per channel
- ▶ Requires 3 standard rack units for mounting
- ▶ 482 x 150 x 400 mm (19" x 5.9" x 15.7") \ 24.2 kg (53.3 lbs)

## XP 5000

### 10000 Watt Power Amplifier

- ▶ Output Power: 5000W @ 2 ohms per channel, 3600W @ 4 ohms per channel
- ▶ 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 3 standard rack units for mounting
- ▶ 482 x 150 x 400 mm (19" x 5.9" x 15.7") \ 30.2 kg (66.6 lbs)

# iAMP SERIES



Designed for the most demanding setups, the Phonic iAMP series brings unparalleled power and efficiency into a portable amplifier. The iAMP features a newly designed D-class amplifier that not only achieves extraordinarily high output levels and low noise construction, but is also incredibly lightweight. With up to 3000 Watts per channel into loads as low as 2 ohms, the clean sound and power you thought you had to leave in the studio is finally ready to join you on the road. Try it once and realize it's the only digital amplifier you'll ever need. Generally, loudspeaker manufacturers recommend an amplifier with power output equal to the speaker's Program (Music) Power rating or two times (2 x) the Continuous (RMS) Power rating. The Phonic amplifiers deliver just the right amount of power to the most popular speakers available on the market.

## FEATURE OVERVIEW

- ▶ High resolution class D technology for superior performance and low weight
- ▶ Exceptionally flat frequency response between 10 Hz – 50 kHz
- ▶ Input achieved through combo jacks accepting 1/4" and XLR connectors
- ▶ Professional Speakon output connectors
- ▶ User selectable high pass and subwoofer filters
- ▶ Variable speed fans and well ventilated construct

### **iAMP 1620** 3200 Watt Digital Amplifier

- ▶ 2 x 1600 Watts at 2 ohms
- ▶ 483 x 105 x 415 mm  
(19" x 4.1" x 16.3")  
6.1 kg (13.4 lbs)

### **iAMP 3020** 6000 Watt Digital Amplifier

- ▶ 2 x 3000 Watts at 2 ohms
- ▶ 483 x 105 x 415 mm  
(19" x 4.1" x 16.3")  
<10.3 kg (<22.7 lbs)

# MAX SERIES

MAX 500



MAX 2500 PLUS

We wouldn't call this series MAX if we didn't mean it. Maximum power output, maximum audio quality, and maximum reliability are but 3 of the premiere features of Phonic MAX amplifiers. The tank-like housing of the MAX protects the massive power contained within. Providing XLR and 1/4" inputs, and professional speakon speaker jacks and traditional binding posts for outputs, the Phonic MAX assures versatile operation. Combine with a pair of Phonic passive speakers, and incredible power is but an "on" switch away. Generally, loudspeaker manufacturers recommend an amplifier with power output equal to the speaker's Program (Music) Power rating or two times (2 x) the Continuous (RMS) Power rating. The Phonic amplifiers deliver just the right amount of power to the most popular speakers available on the market.

## FEATURE OVERVIEW

- ▶ 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

## MAX 250

### 320 Watt Power Amplifier

- ▶ Output power: 160W @ 4 ohms per channel, 120W @ 8 ohms per channel
- ▶ 482 x 44 x 250 mm (19" x 1.75" x 9.84") \ 6.7 kg (14.8 lbs)

## MAX 500

### 480 Watt Power Amplifier

- ▶ Output power: 240W @ 4 ohms per channel, 180W @ 8 ohms per channel
- ▶ 482 x 44 x 340 mm (19" x 1.75" x 13.3") \ 7.85 kg (17.3 lbs)

## FEATURE OVERVIEW

- ▶ 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

## MAX 860 **PLUS**

### 1200W Power Amp

- ▶ Output power: 600W @ 4 ohms per channel, 400W @ 8 ohms per channel
- ▶ 482 x 88 x 415 mm (19" x 3.46" x 15.9") \ 10.16 kg (22.4 lbs)

## MAX 1500 **PLUS**

### 1800 Watt Power Amplifier

- ▶ Output power: 900W @ 4 ohms per channel, 560W @ 8 ohms per channel
- ▶ 482 x 88 x 415 mm (19" x 3.46" x 15.9") \ 11.15 kg (24.6 lbs)

## MAX 2500 **PLUS**

### 3000 Watt Power Amplifier

- ▶ Output power: 1500W @ 4 ohms per channel, 1000W @ 8 ohms per channel
- ▶ 482 x 88 x 415 mm (19" x 3.46" x 15.9") \ 13.24 kg (29.2 lbs)

## MAX 3500

### 4800 Watt Power Amplifier

- ▶ Output power: 2400W @ 4 ohms per channel, 1600W @ 8 ohms per channel
- ▶ 482 x 134 x 376 mm (19" x 5.25" x 14.8") \ 20.6 kg (44.8 lbs)

# Signal Processors



## 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
- ▶ 483 x 44 x 207 mm (19" x 1.7" x 8.2") \ 2.17Kg (4.8lbs)



## i7300

### 24-bit High Performance 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
- ▶ 483 x 44 x 207 mm (19" x 1.7" x 8.2") \ 2.5 kg (5.5 lbs)



## PCX 3000

### High Precision Stereo 2-Way Mono 3-Way Crossover

- ▶ Professional, high-precision stereo 2-way/mono 3-way crossover with separate subwoofer output
- ▶ Separate subwoofer section with independent frequency control
- ▶ World-class performance 24dB per octave Linkwitz-Riley filters
- ▶ Absolutely flat summed amplitude response, zero phase difference
- ▶ Individual output level controls for all bands
- ▶ Individual output mutes for easy band adjustment
- ▶ Individual phase reverse switches for instant phase correction
- ▶ Switchable 25Hz subsonic filter on each input for low frequency driver protection
- ▶ Balanced XLR connectors for all inputs and outputs
- ▶ High precision potentiometers for accuracy and repeatability
- ▶ Low-noise audio operational pre-amplifiers for outstanding sound performance
- ▶ Illuminated switches for operation in dark environments
- ▶ High-quality components and exceptionally rugged construction for prolonged reliability
- ▶ Shielded toroidal mains transformer for minimal noise interference
- ▶ 483 x 44 x 208 mm (19" x 1.7" x 8.2") \ 2.13 kg (4.7 lbs)



## i7350

### 16 Program Digital Effect Processor

- ▶ 16 unique digital effects with their own user adjustable 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
- ▶ Dedicated parameter control for adjusting each effect's main parameter
- ▶ Auto-bypass when power is off
- ▶ Tap delay button and indicator
- ▶ 483 x 44 x 207 mm (19" x 1.7" x 8.2") \ 2.17Kg (4.8lbs)



## i7600

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

- ▶ Dual-channel 30-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
- ▶ 6 view range options for band-level measurement
- ▶ 6 response time options
- ▶ Peak-hold options: permanent and none
- ▶ 3 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 1 rack-space chassis
- ▶ 483 x 44 x 206 mm (19" x 1.7" x 8.1") \ 2.5 kg (5.5 lbs)



## DFX 2000

### Digital Effect Processor

- ▶ 101 amazing algorithms in true stereo with 40-bit DSP engine
- ▶ High-Definition reverb algorithms for natural-sounding reverb and delay
- ▶ 49 effect combinations with selectable serial/parallel configuration
- ▶ Up to 7 adjustable parameters, plus High and Low Equalization
- ▶ High-resolution 24-bit A/D and D/A converters
- ▶ 100 factory presets plus 100 user-definable memory locations
- ▶ Extensive MIDI implementation
- ▶ LED level meters
- ▶ Balanced XLR and 1/4" TRS inputs and outputs
- ▶ 483 x 44 x 217 mm (19" x 1.7" x 8.5") \ 2.1 kg (4.63 lbs)



## PCX 4000

### High Precision Stereo 2/3-Way Mono 4-Way Crossover

- ▶ World-class performance 24dB per octave Linkwitz-Riley filters
- ▶ Absolutely flat summed amplitude response, zero phase difference
- ▶ Individual limiter on each output for optimal loudspeaker protection
- ▶ "Low Sum" function provides low-level mono output for subwoofer operation
- ▶ Adjustable time delay for phase alignment between drivers
- ▶ CD horn equalization for constant directivity horn compensation
- ▶ Individual output level controls for all bands
- ▶ Individual output mutes for easy band adjustment
- ▶ Individual phase reverse switches for instant phase correction
- ▶ Switchable 25Hz subsonic filter on each input for low frequency driver protection
- ▶ Balanced XLR connectors for all inputs and outputs
- ▶ Precision potentiometers for ultimate accuracy and repeatability
- ▶ Low-noise audio operational pre-amplifiers for outstanding sound performance
- ▶ 483 x 44 x 208 mm (19" x 1.7" x 8.2") \ 2.22 kg (4.9 lbs)



## PCR 2213 **PLUS**

### 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 x 44 x 167 mm (19" x 1.75" x 6.57") \ 3.21kg (7.1 lbs)



## GEQ 1502F

### 15-band Stereo Graphic Equalizer

- ▶ Professional-quality 15-band stereo graphic equalizer for live and studio application
- ▶ A low cut filter to remove unwanted low frequency sounds
- ▶ Extremely accurate 4-segment LED level meter and input gain control
- ▶ Balanced XLR and 1/4" TRS inputs and outputs
- ▶ Mono subwoofer output with adjustable crossover frequency
- ▶ Shielded toroidal power transformer for ultra low-noise
- ▶ Sturdy all-metal chassis
- ▶ 483 x 44 x 215 mm (19" x 1.7" x 8.5") \ 2.15 kg (4.74 lbs)



## GEQ 3102F

### 31-band Stereo Graphic Equalizer

- ▶ Professional 31-band stereo graphic equalizer for live and studio applications
- ▶ Sweepable high and low cut filters on each channel to remove unwanted frequencies
- ▶ Ultra low-noise audio operational amplifiers offer outstanding sound performance
- ▶ Relay-controlled hard-bypass with an auto-bypass function during power failure
- ▶ Balanced inputs and outputs with 1/4" TRS and XLR connectors
- ▶ 483 x 88 x 146 mm (19" x 3.5" x 5.7") \ 2.5 kg (5.51 lbs)



## PHA 4800

### 4-Channel Headphone Distribution Amplifier

- ▶ Professional multi-purpose headphones amplifier system for stage and studio applications
- ▶ Four independent high-power amplifier sections provide up to four stereo mixes
- ▶ Each input/aux section can be separately set to capture individual demands for more "me" mixing
- ▶ Multi-functional ST/2-CH switch on each channel allows for either stereo playback or double mono operation
- ▶ Ultra-musical high and low EQ per channel
- ▶ Output level control with accurate 4-digit LED output meter on each channel
- ▶ One front and two rear stereo 1/4" TRS outputs per channel
- ▶ Main stereo XLR and 1/4" TRS input and output channels
- ▶ Ultra low-noise operational amplifiers for outstanding audio performance
- ▶ 483 x 44 x 206 mm (19" x 1.7" x 8.1") \ 2.22 kg (4.9 lbs)



## PHA 8800

### 8-Channel High-Power Headphone Distribution Amplifier

- ▶ Professional multi-purpose headphones amplifier system for stage and studio application
- ▶ Eight totally independent stereo high-power amplifier sections in one rack space
- ▶ Two stereo main inputs for two independent mixes, accessible from all eight channels
- ▶ Eight independent direct inputs provide up to eighth individual stereo mixes
- ▶ Output level control and accurate LED output meter on every channel
- ▶ Mono/stereo switch per channel for more flexibility
- ▶ Direct input connector on each channel for easy connection of any sound source
- ▶ Paralleled outputs allow cascading of several headphones amplifiers
- ▶ Toroidal transformer for noiseless operation and low magnetic interference
- ▶ 483 x 44 x 206 mm (19" x 1.7" x 8.1") \ 2.35 kg (5.19 lbs)

# Signal Processors



## PCL 2700

2-Channel Dynamic Processor with Expander, Gate, Compressor and Limiter

- ▶ Program-adaptive compression circuitry combines advantages of both hard-knee and soft-knee operation
- ▶ De-esser with male/female voice recognition to remove excessive sibilance from vocals
- ▶ Superior peak limiting circuitry combines clip and limiter programs for reliable protection against signal peaks
- ▶ Relay-controlled hard bypass switch with auto bypass function in case of power failure
- ▶ 483 x 44 x 206 mm (19" x 1.7" x 8.1") \ 2.1 kg (4.63 lbs)



## PCL 4700

4-Channel Dynamic Processor with Expander, Gate, Compressor and Limiter

- ▶ Program-adaptive compression circuitry combines advantages of both hard-knee and soft-knee operation
- ▶ Quality expander/gate circuitry for inaudible noise suppression
- ▶ Superior peak limiting circuitry combines clip and limiter programs for reliable protection against signal peaks
- ▶ 483 x 44 x 206 mm (19" x 1.7" x 8.1") \ 2.25 kg (4.96 lbs)



## DYN 2000

2-Channel Dynamic Processor with Expander, Gate, Compressor and Limiter

- ▶ 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
- ▶ True RMS Level Detection senses the power in the program, giving results superior to peak or average detection
- ▶ Separate Sidechain Inserts enable an outboard processor or signal to control compression or gating
- ▶ 483 x 44 x 182 mm (19" x 1.7" x 7.2") \ 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
- ▶ 2 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)
- ▶ 482 x 44 x 152 mm (19" x 1.7" x 5.7") \ 2.26 kg (5 lbs)

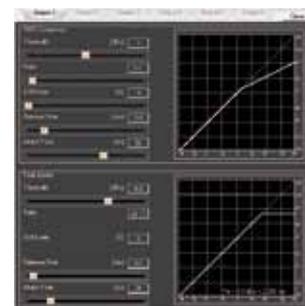


## i2600 Speaker Management

At last, an all-inclusive speaker management system ideal for both the touring pro and the installer, complete with 2 balanced inputs including 1 channel precise RTA, 6 balanced outputs, and AES/EBU digital connectivity. The Phonic i2600 puts all aspects of speaker equalization and crossover management into one unit, complete with 2 balanced inputs, 6 balanced outputs, and S/PDIF digital connectivity. The i2600 software utilizes leading edge functions for precise adjustment of 4-band EQs, 15-band graphic EQs, input and output delay alignments, gates, expanders, limiters, crossovers, compressors, phase reversal, feedback elimination, and the sub-harmonic generator. To best suit the user, all programs and parameters can be operated by either the PC software or the onboard controls. Completely change the idea of what your gear can do for you.



i2600 Application



Compressor / Limiter



Equalizer and Crossover



Delay

## i2600

2 In, 6 Out Speaker Management System with PC Connectivity

- ▶ Dedicated software for precise function and parameter adjustment
- ▶ Setup Wizard streamlines setup through real-time analyzer readings
- ▶ 2 balanced XLR input connectors and 6 balanced XLR output connectors
- ▶ AES/EBU digital connectivity for connecting to digital devices with flawless audio
- ▶ Make adjustments via computer or take control via front-panel controls
- ▶ Adjustable low and high pass filters for 3-way mono, 2-way stereo crossover application
- ▶ 4-band parametric EQ with adjustable frequency, Q and level ( $\pm 12$ dB)
- ▶ EQ bands selectable between band-pass, shelf or peaking-type
- ▶ EQ on inputs 1 and 2 adjustable between 15-band GEQ and 7-band parametric EQ
- ▶ Delay on all input and output channels with fine adjustment control
- ▶ Delay time adjustable up to 298 seconds / 203 meters
- ▶ A.G.C. (Automatic Gain Control) on inputs limits maximum audio and reduces distortion
- ▶ Sub-harmonic generator on inputs for improving low-end response
- ▶ Feedback eliminator on inputs removes unwanted feedback
- ▶ Noise gate on inputs for removing rumble and other unwanted noise
- ▶ 180 degree phase reverse switch on all output mixes
- ▶ Connect multiple i2600 units to network for extensive speaker routing potential
- ▶ Save and recall settings to computer; store up to 50 presets in one file
- ▶ Security key locking system for protecting your setup from unauthorized operation
- ▶ Precise RTA for real-time adjustment on every critical condition
- ▶ 43 x 483 x 220 mm (1.7" x 19.0" x 8.7") \ 2.5 kg (5.5 lbs)

# Audio Testers

For the sound engineer who settles for nothing short of perfection, Phonic offers the PAA6 Audio Analyzer – a dual-channel, digital tester with 9 critical audio and signal analyzer functions. All accessible through the palm-sized unit's color touch-screen, the PAA6 utilizes an industrial-grade real-time spectrum analyzer, RT60 reverb calculator, LEQ, EQ setting and phase checking, polarity and scope functions, FFT, THD+N, and 2 built-in microphones that can take precise measurements from multiple positions. Complete with onboard memory and computer connectivity, a USB 2.0 connector and SD card slot are included to easily transfer information with a computer. The PAA6 is not only the ideal tester for pro engineers, live situations, and industrial sound, but also the go-to unit for regulatory purposes and product development.



## PAA6

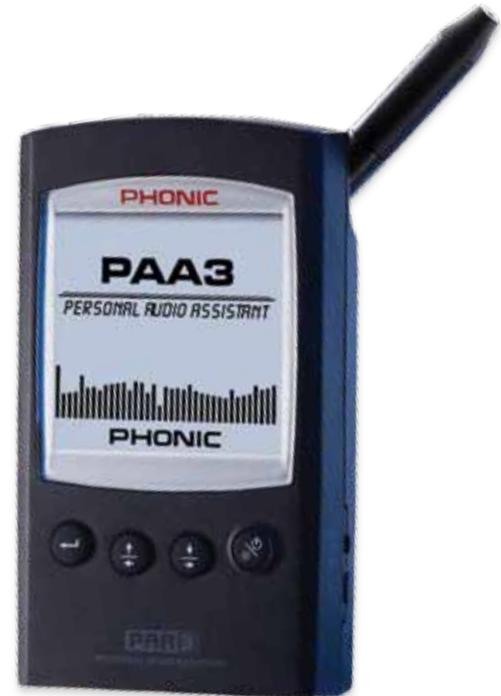
### 2-Channel Audio Analyzer with Color Touch LCD

- ▶ 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
- ▶ 175 x 40 x 106 mm (6.89" x 1.57" x 4.17") \ 0.46 kg (1 lbs)

Right alongside a flashlight and duct tape, no serious audio engineer should go anywhere without the Phonic PAA3 in their back pocket. This handheld audio analyzer is resoundingly accurate and features an array of different tools, including a 31-band real-time spectrum analyzer, reverb time analyzer, sound pressure and line level meter, internal signal generator, EQ setting calculations, microphone calibration, and speaker phase checking abilities. All functions and menus are controlled through central jog dials, so your other hand is free to adjust audio settings. A built-in USB interface allows for easy data upload and download, as well as the option of real-time PC operation. A large LCD backlit display provides visibility in any environment, and 4 AA batteries provide 7 hours worth of power – assuring the PAA3 is always ready when you need it.

## PAA3 Handheld Audio Analyzer with USB 2.0 Interface

- ▶ 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
- ▶ 145 x 83 x 40 mm (5.71" x 3.27" x 1.57") \ 0.24 kg (0.54 lbs)

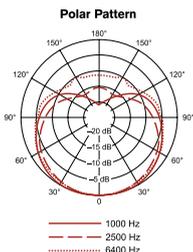


# Microphones

The Phonic DM series, a pro-grade dynamic cardioid vocal microphone, combines Phonic's highest quality standards with incredible value. The DM series is engineered for excellent vocal and instrument capture with slightly brightened mids and extended bass. The DM series is constructed with a cast zinc alloy body and steel mesh. The rugged build protects your investment from the wear of everyday use and ensures that the DM series will be your workhorse microphone for years to come!

## DM.680

Engineered for Vocal and Instrument Capture

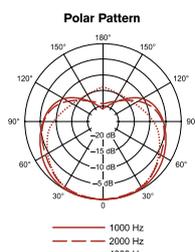


 **Cardioid**

- ▶ Housing: Solid Cast Zinc Alloy
- ▶ Frequency Response: 50Hz – 17kHz
- ▶ Pickup Pattern: Cardioid
- ▶ Unit Weight: 330 grams
- ▶ Output Impedance: 500 ohms
- ▶ Sensitivity: -51.4dBV (0dBV = 1V/Pa)
- ▶ Off Axis Rejection: >20dB at 125°
- ▶ Maximum SPL: >135dB
- ▶ Connector: 3 pin XLR

## DM.690

Engineered for Vocal and Instrument Capture

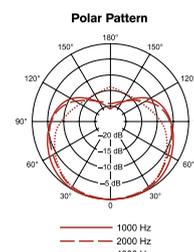


 **Cardioid**

- ▶ Housing: Solid Cast Zinc Alloy
- ▶ Frequency Response: 45Hz – 18kHz
- ▶ Pickup Pattern: Cardioid
- ▶ Unit Weight: 300 grams
- ▶ Output Impedance: 500 ohms
- ▶ Sensitivity: -54.7dBV (0dBV = 1V/Pa)
- ▶ Off Axis Rejection: >20dB at 125°
- ▶ Maximum SPL: >135dB
- ▶ Connector: Gold three-pin XLR

## DM.700

Engineered for Vocal and Instrument Capture



 **Cardioid**

- ▶ Housing: Solid Cast Zinc Alloy
- ▶ Frequency Response: 40Hz – 18kHz
- ▶ Pickup Pattern: Cardioid
- ▶ Unit Weight: 330 grams
- ▶ Output Impedance: 500 ohms
- ▶ Sensitivity: -53.2dBV (0dBV = 1V/Pa)
- ▶ Off Axis Rejection: >20dB at 125°
- ▶ Maximum SPL: >135dB
- ▶ Connector: Gold three-pin XLR

## DM.680 DM.690 DM.700

SINGLE PACK



## DM.680-3 DM.690-3 DM.700-3

ALUMINUM OR PLASTIC CASE



# Wireless



## 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)



## Receivers

### WM400-L WM400-R

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



WM400-L

WM400-R

### 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)

# Accessories



## DB3

### Active Direct Box with XLR and 1/4" inputs

- ▶ Professional, multi-functional DI box for all live and studio applications
- ▶ Ultra-flat frequency response
- ▶ Rugged metal housing with tough rubber corners for protection
- ▶ Internal battery automatically de-couples when using phantom power
- ▶ Low noise op amps for superior sound
- ▶ Gold-plated XLR connectors and phone jacks for input and link output
- ▶ 147 x 60 x 124 mm (5.8" x 2.4" x 4.9") \ 0.34 kg (0.75 lbs)



## SK1

### Speaker Stand Package

- ▶ Mount speakers with 35 mm stand sockets
- ▶ Two rugged speaker stands with collapsible legs
- ▶ Mount speakers between 1.2 and 1.6 meters high
- ▶ Heavy-duty vinyl carry bag for storage and easy mobility



## SK2

### Deluxe Speaker and Mic Stand Package

- ▶ Two Phonic microphone stands
- ▶ Mount speakers with 35 mm stand sockets
- ▶ Two rugged speaker stands with collapsible legs
- ▶ Mount speakers between 1.2 and 1.6 meters high
- ▶ Heavy-duty vinyl carry bag for storage and easy mobility

# Phonic Corporation

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Manufacturing Quality Professional Audio Products Since 1977