

# PROFESSIONAL AUDIO 2015





Innovation has always been a cornerstone of the pro audio industry. A company can make or break itself on how 'innovative' it can be. We at Phonic have never shied away from innovation and strive to create new, sometimes unusual - but always useful - pro audio gear.

Keeping a finger on the pulse of technology has been the key focus of Phonic's marketing and R&D teams in the past few years. Whether it's offering the first truly affordable digital mixing console with color touch-screen interface, or building mixers that incorporate such technology as Wi-Fi and Bluetooth connectivity, USB and SD card recorders, and dynamic, automatic feedback silencers.

But the technological enhancements don't begin and end there. In recent years, Phonic has gradually shifted to D-class amplification in many of their powered mixers and power amplifiers. Offering highly efficient operation into low-loadings, as well as offering exceptionally low-weight, this D-class - sometimes known as 'digital' - circuitry has been creeping its way into the entire Phonic product line.

Crafting exceptional loudspeakers is an art, and Phonic have achieved the pinnacle of loudspeaker design with the Jubi series of active and loudspeakers. Custom transducers are specially designed for these models, while reinforced molded enclosures provide phenomenal acoustical response throughout. Also available this year is the KT series of line array speakers, able to be flown or ground stacked with easy, adjustable rigging system.

You'll always be getting the latest and greatest - that's the one thing you can count on when you purchase a Phonic product. With a broad range of mixing consoles, flexible amplifiers, and a numerous loudspeakers, Phonic's entire product range empowers both professional and amateur users alike.



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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The IS16 builds upon the proven sophistication of Phonic's previous digital mixers while refining features and functions. The IS16 is built to be incredibly compact and lightweight to ensure a single person can easily move and set up the mixer with ease. Signal processing is extensive, with onboard parametric EQs, delays, expanders, gates, compressors and limiters available on all inputs and outputs. Flexible control was a major factor when designing the IS16, with onboard and remote operation now available. Ethernet and Wi-Fi connectivity allows for remote operation using the iPad or Android apps (now available). VGA and USB mouse connectivity allows for onboard control using any modern computer monitor. Onboard USB and FireWire connectivity enables multi-track recording to any modern Windows or Mac computer. The IS16 gives you everything you will need for a moderate to large-scale live venues or for permanent recording set ups.

## IS16

### 16 Channel Digital Mixer with Color Touch Screen & VGA Output



- ▶ 16 mono mic/line with insert points and grouped phantom power
- ▶ 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
- ▶ 8 aux and 8 group buses assignable to 8 'multi' outputs
- ▶ Dual DFX processors with numerous effects, reverbs and extensive user-adjustable parameters
- ▶ 25 dynamic processors available on input channels, 'multi' outputs and main mix
- ▶ Save and instantly recall scenes at the touch of a button
- ▶ Stereo headphone mix with independent level control
- ▶ Digital AES/EBU input and output plus Word Clock in and out
- ▶ Networking capabilities for remote operation via iPad app
- ▶ VGA connector for connection of computer monitors to operate onboard software
- ▶ Internal digital sampling rate up to 96 kHz in 32-bit resolution
- ▶ Processing accomplished through a high quality 40-bit floating point digital signal processor
- ▶ FireWire/USB 2.0 audio interface for multi-track recording to Windows or Mac computer
- ▶ Gooseneck lamp 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)



#### 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



#### Includes:

Phonic's Micro Wi-Fi Wireless USB dongle (model no. UTD10) allows for remote operation via a local area network. The dongle provides advanced security features including 64/128-bit WEP, WPA2, and WPA2-PSK with TKIP/AES encryption.



Gooseneck Lamp Included



UTD10



Now available in App Store

Phonic brings digital mixing to a new level with the simple, portable Acapela 16. Monitor and mouse connectivity allow it to be used as a stand-alone control center, while the dedicated iPad app (now available on the Apple Store) provides remote operation through the Acapela's Wi-Fi connectivity. Both control methods put complete control over all signal levels, equalizers, dynamic processors, delays, digital effects, panning, and more, literally in the tips of your fingers.

## Acapela 16

16-Input 4-Bus Digital Live Sound Mixer with Wireless Control



- ▶ 12 mono XLR mic/line inputs plus 4 combo (XLR/TRS) inputs
- ▶ 4 aux and 4 group mixes assignable to multi outputs
- ▶ Wireless control through iPad app (now available on App Store)
- ▶ Detailed GUI interface visible on external monitor (monitor not included)
- ▶ Wireless operation through Wi-Fi connection or Ethernet connection to wireless hub
- ▶ Internal digital sampling rate up to 48 kHz in 24-bit resolution
- ▶ High quality 24-bit AD/DA converters offer extraordinary dynamic range
- ▶ +48V DC phantom power activated through user interface
- ▶ 4-band parametric EQ and adjustable delay on every input and output channel
- ▶ Dynamic processors (gates, expanders, compressors, limiters) available on input channels, multi outputs and main mix
- ▶ VGA and USB connectors for connecting computer monitor and wireless mouse
- ▶ Two stereo digital effect processors with 8 effect types, up to 9 variable parameters and numerous preset programs included; EFX 1 offers 3 reverb effects, each with 8 variations and adjustable parameters
- ▶ USB 2.0 stereo interface for recording to PC or Mac computers
- ▶ Save and instantly recall scenes at the click of a mouse
- ▶ Processing accomplished through a high quality 40-bit floating point digital signal processor
- ▶ 324 x 393 x 82 mm (12.8" x 15.5" x 3.2")

### iPad and Android App:

The Phonic tablet application puts control of each and every one of the Acapela's functions right at your fingertips. Cut input channel levels, reduce the amount of bass on an output, or add to the density of a reverb effect - it's all possible through the Acapela App.

### VGA & Mouse:

View all parameters and properties through any VGA monitor or high-definition display. Control all parameters using a wired or wireless mouse. The best part? You don't even have to make a choice! Use the tablet app and VGA connection simultaneously for incredible flexibility.



Wireless Remote Control



Optional Travel Bag



The Celeus series of analog mixers brings a new face to Phonic's analog line. The molded plastic construction offers a new level of style and durability to the series but they still include all the fantastic features one would expect to find in Phonic analog mixer. Our famously low-noise pre-amplifiers are still found onboard, as well as the fantastically musical 3- and 4-band EQs and graphic EQs. New not-so-common features include the dedicated channel compressors and stereo USB recording interfaces. Bluetooth connectivity and USB recording modules ensure the Celeus series will strike a new era of analog mixing for Phonic.

## Common Features:

- ▶ Audiophile-quality microphone preamplifiers on all models
- ▶ USB recording module for record/playback of audio files
- ▶ Bluetooth audio streaming from tablets and smartphones
- ▶ USB connectivity for stereo streaming to and from the computer
- ▶ Multi-band graphic equalizer for ringing out main mix
- ▶ 41-segment level meter with peak and clipping indicators
- ▶ Balanced stereo main out through XLR connectors
- ▶ Auxiliary mix with independent AUX out control
- ▶ Independent stereo headphone output jack
- ▶ Stereo RCA 2T return and record output

### Celeus 100

3 Channel Analog Mixer with USB Recorder and Bluetooth Connectivity



- ▶ 1 mono mic/line and 2 stereo line input channels with 3-band EQs
- ▶ Flexible 'compander' (compressor/expander) available on channel 1
- ▶ 5-band graphic equalizer for ringing out main mix
- ▶ 41-segment level meter with peak and clipping indicators

### Celeus 200

4 Channel Analog Mixer with USB Recorder and Bluetooth Connectivity



- ▶ 2 mono mic/line and 2 stereo line input channels with 3-band EQs
- ▶ Flexible 'compander' (compressor/expander) available on channels 1 and 2
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 7-band graphic equalizer for ringing out main mix
- ▶ 41-segment level meter with peak and clipping indicators

### Celeus 400

8 Channel Analog Mixer with USB Recorder and Bluetooth Connectivity



- ▶ 4 mono and 4 stereo Mic/Line channels
- ▶ Mono channels offer 3-band EQs
- ▶ Two combo inputs accepting XLR and 1/4" phone jack inputs
- ▶ Flexible 'compander' (compressor/expander) available on channels 1 to 4
- ▶ 7-band graphic equalizer for ringing out main mix
- ▶ 41-segment level meter with peak and clipping indicators
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 60mm main fader

	Celeus 100	Celeus 200	Celeus 400
Total Channels	3	4	8
Mono/Stereo Input Channels	1/2	2/2	4/4
Mic Preamps	1	2	4
AUX/EFX Sends	1	1	1
AUX Return	-	-	1 stereo
Metering	2 x 41	2 x 41	2 x 41
Equalization	3-band, 5-band GEQ	3-band, 7-band GEQ	3-band, 7-band GEQ
Low Cut Filter	75Hz (-18dB/oct)	75Hz (-18dB/oct)	75Hz (-18dB/oct)
32/40-bit DFX Processor	16 programs	16 programs	16 programs
Other Features	Phantom Power, USB Recorder, USB Connectivity, Bluetooth	Phantom Power, USB Recorder, USB Connectivity, Bluetooth	Phantom Power, USB Recorder, USB Connectivity, Bluetooth

## Celeus 600

8 Channel Analog Mixer with USB Recorder and Bluetooth Connectivity



- ▶ 4 Mono Mic/Line channels with 3-band swept-mid EQs and low cut filters
- ▶ 4 Stereo line channels (2 with Mic/line) with 4-band EQs
- ▶ Flexible 'componder' (compressor/expander) available on channels 1 to 4
- ▶ 2 stereo aux returns for incorporation of external processors or additional signals
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 2 subgroups for versatile mixing and grouping of channels
- ▶ 12-segment level meter with peak and clipping indicators
- ▶ Pad button on final two channels for better adapting to input sources
- ▶ Flexible soloing of all input sources for monitoring signals

## Celeus 800

10 Channel Analog Mixer with USB Recorder and Bluetooth Connectivity



- ▶ 6 Mono Mic/Line channels with 3-band swept-mid EQs and LCF
- ▶ 4 Stereo line channels (2 with Mic/line) with 4-band EQs
- ▶ Incorporate external signal processors through channel inserts
- ▶ 2 stereo aux returns for incorporation of external processors or additional signals
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 9-band graphic equalizer for ringing out main mix
- ▶ 2 subgroups for versatile mixing and grouping of channels
- ▶ 11-segment level meter with peak and clipping indicators
- ▶ Pad button on final two channels for better adapting to input sources
- ▶ Flexible soloing of all input sources for monitoring signals

## Celeus 1000

12 Channel Analog Mixer with USB Recorder and Bluetooth Connectivity



- ▶ 8 Mono Mic/Line channels with 3-band swept-mid EQs and LCF
- ▶ 4 Stereo line channels (2 with Mic/line) with 4-band EQs
- ▶ Flexible 'componder' (compressor/expander) available on channels 1 to 8
- ▶ Direct output and input of audio signals using standard DB-25 connectors
- ▶ 4 stereo aux returns for incorporation of external processors or additional signals
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ Main L/R insert points for incorporation of GEQs or other signal processors
- ▶ 4 subgroups for versatile mixing and grouping of channels
- ▶ 12-segment level meter with peak and clipping indicators
- ▶ 12V lamp connector for illuminating the board in dark venues
- ▶ Pad button on final two channels for better adapting to input sources
- ▶ Flexible soloing of all input sources for monitoring signals

	Celeus 600	Celeus 800	Celeus 1000
Total Channels	8	10	12
Mono/Stereo Input Channels	4/4	6/4	8/4
Mic Preamps	6	8	10
AUX/EFX Sends	2	3	4
AUX Return	2 stereo	2 stereo	4 stereo
Metering	2 x 12	2 x 12	2 x 12
Equalization	3-band / 4-band	3-band / 4-band, 9-band GEQ	3-band, 4-band
Low Cut Filter	75Hz (-18dB/oct)	75Hz (-18dB/oct)	75Hz (-18dB/oct)
32/40-bit DFX Processor	16 programs	16 programs	16 programs
Other Features	Phantom Power, USB Recorder, USB Connectivity, Bluetooth	Phantom Power, USB Recorder, USB Connectivity, Bluetooth, Channel Inserts	Phantom Power, USB Recorder, USB Connectivity, Bluetooth, Direct Outputs/Inputs

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 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.

## AM 55

1-Mic, 2-Stereo Line Compact Mixer



- ▶ 1-Mic, 2-Stereo Line Compact Mixer
- ▶ One mic/line and two stereo channels
- ▶ 2-band EQ 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, 2-Stereo Line Compact Mixer



- ▶ 2-Mic, 2-Stereo Line Compact Mixer
- ▶ Two mic/line and two stereo inputs with 3-band EQ
- ▶ 1 stereo AUX return
- ▶ Post-fader EFX send on every input
- ▶ 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 105FX

2-Mic, 4-Stereo Line Compact Mixer with EFX



- ▶ 2-Mic, 4-Stereo Line Compact Mixer with EFX
- ▶ Two mic/line inputs with 3-band EQ and low cut
- ▶ One-touch multi delay effect with parameter control
- ▶ 175 x 63 x 236 mm (6.9" x 2.5" x 9.3") \ 1.5kg (3.3 lbs)

### Common Features:

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

## AM 220

2-Mic, 2-Stereo Line Input Compact Mixer



- ▶ 2-Mic, 2-Stereo Line Input Compact Mixer

## AM 220P

2-Mic, 2-Stereo Line Input Compact Mixer and USB Player



- ▶ 2-Mic, 2-Stereo Line Input Compact Mixer
- ▶ Playback of MP3 and WAV files from USB media

	AM 55	AM 85	AM 105FX	AM 220	AM 220P
Total Channels	5	6	10	6	6
Mono/Stereo Input Channels	1/2	2/2	2/4	2/2	2/2
Mic Preamps	1	2	2	2	2
AUX/EFX Sends	-	1	1	1	1
AUX Return	-	1 stereo	-	1 stereo	1 stereo
Metering	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
Equalization	2-band	3-band	3-band	3-band	3-band
Low Cut Filter	75 Hz (-18 dB/oct)	-	75 Hz (-18 dB/oct)	-	-
32/40-bit DFX Processor	-	-	1 EFX	-	-
Other Features	-	Phantom Power	Phantom Power	Phantom Power	Phantom Power, USB Playback

## AM 240D

2-Mic, 4-Stereo Line Input Compact Mixer with DFX



- ▶ 2-Mic, 4-Stereo Line Compact Mixer
- ▶ Two balanced mic/line inputs with 3-band EQ and low cut
- ▶ Four stereo inputs with +4/-10 select button
- ▶ Post-fader AUX send on every input
- ▶ Global +48V Phantom Power
- ▶ CTRL RM and headphones outputs
- ▶ 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
- ▶ Balanced master output with 60mm fader control
- ▶ 190 x 56 x 233 mm (7.48" x 2.2" x 9.17") 1.5 kg (3.3 lbs)

## AM 440

4-Mic, 4-Stereo Line Compact Mixer



- ▶ 4-Mic, 4-Stereo Line Compact Mixer

### Common Features:

- ▶ Four mono mic/line and four stereo channels (2-stereo on AM 440DP)
- ▶ 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, 4-Stereo Line Compact Mixer with DFX



- ▶ 4-Mic, 4-Stereo Line Compact Mixer with DFX
- ▶ 32/40-bit DFX processor with 16 programs and main parameter control

## AM 440DP

4-Mic, 2-Stereo Line Compact Mixer with DFX and USB Player



- ▶ 4-Mic, 2-Stereo Line Compact Mixer with DFX and USB Player
- ▶ 32/40-bit DFX processor with 16 programs and main parameter control
- ▶ Playback of MP3 and WAV files from USB flash drives

## AM 440W

**WIRELESS**

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



- ▶ 4-Mic, 4-Stereo Line Compact Mixer with DFX
- ▶ 32/40-bit DFX processor with 16 programs and main parameter control
- ▶ Bluetooth Streaming

	AM 240D	AM 440	AM 440D	AM 440DP	AM 440W
Total Channels	10	12	12	10	12
Mono/Stereo Input Channels	2/4	4/4	4/4	4/2	4/4
Mic Preamps	2	4	4	4	4
AUX/EFX Sends	1	1	1	1	1
AUX Return	-	1 stereo	1 stereo	-	1 stereo
Metering	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
Equalization	3-band	3-band	3-band	3-band	3-band
Low Cut Filter	75Hz (-18 dB/oct)	75Hz (-18dB/oct)	75Hz (-18dB/oct)	75Hz (-18dB/oct)	75Hz (-18dB/oct)
32/40-bit DFX Processor	16 programs	-	16 programs	16 programs	16 programs
Other Features	Phantom Power	Phantom Power	Phantom Power	Phantom Power, USB Playback	Phantom Power, Wireless Bluetooth

Phonic AM440D USB-K takes a classic AM model and packs it so full of features it's bursting at the seams. A plug-and-play stereo recording interface has been incorporated directly into the AM440D 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. Phonic's AM440D USB-K 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 440D USB-K

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



- ▶ 4-Mic, 4-Stereo Line Compact Mixer with DFX & USB Interface
- ▶ 4 mono mic/line and 4 stereo line channels
- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ 16-bit resolution with 44.1kHz sampling rate
- ▶ Wireless USB connectivity for UTM series wireless microphones
- ▶ Sets include single or dual 2.4GHz wireless microphones
- ▶ 3-band EQ plus low cut on each mono channel
- ▶ Control Room/Phones source matrix for maximum monitor flexibility

AM 440D USB-K	
Total Channels	12
Mono/Stereo Input Channels	4/4
Mic Preamps	4
AUX/EFX Sends	1
AUX Return	1 stereo
Metering	2 x 4
Equalization	3-band
Low Cut Filter	75Hz (-18dB/oct)
32/40-bit DFX Processor	16 programs
Other Features	Phantom Power, USB Connectivity, 2.4GHz Mic

### Complete sets available:

**AM440D USB-K-1:** 4-Mic, 4-Stereo Line Compact Mixer with USB Interface & 2.4GHz Microphone (UTM-10)

**AM440D USB-K-2:** 4-Mic, 4-Stereo Line Compact Mixer with USB Interface & Dual 2.4GHz Microphones (UTM-10 + UTM-20)

- ▶ 32/40-bit DFX processor with 16 programs and main parameter control
- ▶ At least one EFX/AUX send available on each input channel
- ▶ Convenient stereo RCA 2T inputs and outputs for CD and MP3 players/recorders
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ Includes UT-d wireless dongle compatible with UTM-10 and UTM-20 microphones
- ▶ 242 x 56 x 228 mm (9.5" x 2.2" x 9") \ 1.63 kg (3.6 lbs)

## USB WIRELESS MICROPHONE

Employing a 2.4 GHz wireless protocol, the UTM series offers direct connectivity to AM440D USB-K mixers. The UTM series allows for high-quality speech and vocals without the mess or hassle of mic cables. Whether recording a weekly podcast, laying down the foundations for a new musical track or singing up a storm live, the UTM\* microphones provide superior response, exceptional resilience and unparalleled ingenuity.

\*UTM-10 microphones are routed to channel 1 (blue light) whereas UTM-20 microphones are routed to channel 2 (green light)

### UTM-10 – Single USB Wireless Microphone

- ▶ Robust, high-quality, wireless digital audio streaming
- ▶ Proprietary wireless technology
- ▶ CD-quality uncompressed audio
- ▶ Automatic pairing for easy, trouble-free setup
- ▶ Blue LED, routed to channel 1

### UTM-20 – Single USB Wireless Microphone

- ▶ Robust, high-quality, wireless digital audio streaming
- ▶ Proprietary wireless technology
- ▶ CD-quality uncompressed audio
- ▶ Automatic pairing for easy, trouble-free setup
- ▶ Green LED, routed to channel 2



## AM 642DP

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



- ▶ 6-Mic, 4-Stereo Line 2-Group Mixer with GEQ, DFX & USB Playback
- ▶ Six Mic/Line channels with inserts and phantom power
- ▶ Four stereo channels with 4-band EQ
- ▶ Playback of MP3 and WAV files from USB flash drives
- ▶ 3-band EQ w/swept mid-range on mono channels
- ▶ Stereo 9-band graphic EQ for Main or AUX
- ▶ 2 stereo AUX returns with effect to monitor level control
- ▶ 407 x 103.5 x 357 mm (16" x 4.12" x 14") \ 4.8 kg (10.6 lbs)

## AM 642D USB

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



- ▶ 6-Mic, 4-Stereo Line 2-Group Mixer with GEQ, DFX & USB Interface
- ▶ Six mic/line channels with inserts and phantom power
- ▶ One-knob compressor on mono input channels
- ▶ Four stereo channels with 4-band EQ
- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ Stereo 9-band graphic EQ, assignable to main mix or AUX 1 send
- ▶ 407 x 103.5 x 357 mm (16" x 4.12" x 14") \ 4.8 kg (10.6 lbs)

## AM 844D

8-Mic, 4-Stereo Line 4-Group Mixer with DFX



- ▶ Eight Mic/Line channels with inserts and phantom power
- ▶ Four 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
- ▶ 418 x 150 x 420 mm (16.5" x 5.9" x 16.5") \ 5.9 kg (13 lbs)

## AM 844D USB

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



- ▶ Eight Mic/Line channels with inserts and phantom power
- ▶ Four stereo line channels with 4-band EQ
- ▶ 10 mic preamps in total across 8 mono and 2 stereo channels
- ▶ One-knob compressor on mono input 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
- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ CTRL RM/Phones with multi input source matrix selector
- ▶ 418 x 150 x 420 mm (16.5" x 5.9" x 16.5") \ 5.9 kg (13 lbs)

	AM642DP	AM642D USB	AM 844D	AM 844D USB
Total Channels	14	14	16	16
Mono/Stereo Input Channels	6/4	6/4	8/4	8/4
Mic Preamps	6	6	10	10
AUX/EFX Sends	3	3	4	4
AUX Return	2 stereo	2 stereo	2 stereo	4 stereo
Metering	2 x 12	2 x 12	2 x 12	2 x 12
Equalization	3-band, 4-band	3-band, 4-band	3-band, 4-band	3-band, 4-band
Low Cut Filter	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)
32/40-bit DFX Processor	16 programs	16 programs	16 programs	16 programs
Other Features	Phantom Power, USB Playback	Phantom Power, USB Connectivity	Phantom Power	Phantom Power, USB Connectivity

## AM 1204FX

4-Mic, 2-Stereo Line Input Compact Mixer with DFX



- ▶ 32-bit DFX processor with 16 presets and main parameter control
- ▶ PFL, pre fader listening for easy monitoring

## AM 1204FX USB

4-Mic, 2-Stereo Line Input Compact Mixer with DFX & USB Interface



- ▶ 32-bit DFX processor with 16 presets and main parameter control
- ▶ Stereo audio interface for digital audio recording and playback
- ▶ Plug-and-play compatibility with modern PC and Mac computers
- ▶ 16-bit resolution at sampling rates of 48 kHz
- ▶ Variable compressor on mono channels

## AM 1204FX USBR

4-Mic, 2-Stereo Line Input Compact Mixer, DFX & USB Interface and USB Player / Recorder



- ▶ 32-bit DFX processor with 16 presets and main parameter control
- ▶ Stereo audio interface for digital audio recording and playback
- ▶ Plug-and-play compatibility with modern PC and Mac computers
- ▶ Solo function on each input channel
- ▶ Recording and playback of digital audio files to and from USB flash drives
- ▶ Variable compressor on mono channels

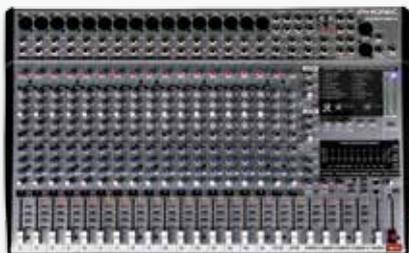
### Common Features:

- ▶ Four mono mic/line channels with two stereo line inputs
- ▶ Control room/Phones source matrix for monitor flexibility
- ▶ EFX/AUX send cue for monitoring individual channels
- ▶ Musical 3-band equalizer available on each and every channel
- ▶ 75Hz low-cut filter on mono channel for removing rumble
- ▶ Stereo RCA 2T Tape In and Rec Out
- ▶ Global +48V phantom power
- ▶ Stereo balanced XLR master outputs
- ▶ ALT 3/4 mix for diverting signals from muted channels

	AM 1204FX	AM 1204FX USB	AM 1204FX USBR
Total Channels	8	8	8
Mono/Stereo Input Channels	4/2	4/2	4/2
Mic Preamps	4	4	4
AUX/EFX Sends	1	1	1
AUX Return	2 stereo	2 stereo	2 stereo
Metering	2 x 11	2 x 11	2 x 11
Equalization	3-band	3-band	3-band
Low Cut Filter	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)
32/40-bit DFX Processor	16 programs	16 programs	16 programs
Other Features	Phantom Power	Phantom Power, USB Connectivity	Phantom Power, USB Connectivity, USB Recorder

## AM 2442FX

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



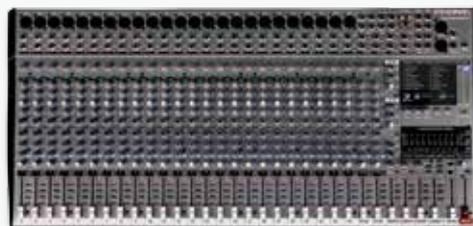
- ▶ 16-Mic/Line 4-Stereo 4-Bus Studio/Live Mixer with DFX and GEQ
- ▶ Sixteen mono mic/line inputs with 3-band swept-mid EQs, low-cut filter and insert points
- ▶ 683 x 108 x 424 mm (26.9" x 4.3" x 16.7") \ 9.11 kg (20.1 lbs)

### Common Features:

- ▶ 2 stereo input channels with 4-band EQ
- ▶ 32/40-bit digital multi-effect processor with 16 programs plus 1 main parameter control, tap control and foot switch jack
- ▶ 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
- ▶ 4 AUX sends on first 20 channels

## AM 3242FX

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



- ▶ 24-Mic, 4-Stereo Line 4-Bus Studio/Live Mixer with DFX and GEQ
- ▶ Twenty-four 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 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)

	AM 2442FX	AM 3242FX	Sonic Station 16
Total Channels	24	32	16
Mono/Stereo Input Channels	16/4	24/4	16 mono
Mic Preamps	16	24	16
AUX/EFX Sends	4	4	6
AUX Return	2 stereo	2 stereo	4 stereo
Metering	2 x 12	2 x 12	2 x 12
Equalization	3-band	3-band	3-band
Low Cut Filter	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)
32/40-bit DFX Processor	16 programs	16 programs	16 programs
Other Features	Phantom Power	Phantom Power	Phantom Power

Keeping a pro audio series alive for over 15 years is no easy feat, but the Powerpod series has been a staple of Phonic for just that long. The only way to stay fresh is to stay current, so in 2015 Phonic revamped the Powerpod series to include both USB recording modules and Bluetooth connectivity. But the updates don't stop there! Robust power has never been a problem with the Powerpod, but Phonic engineers have increased the power output by up to 50% across the new models. These updates can all be found in the fantastic new Powerpod RW series – available in 2015.

## POWERPOD 415RW

150W 4 Channel Powered Mixer with USB Recorder & Bluetooth



- ▶ Built-in 150 Watt / 4 ohm power amplifier
- ▶ 4 mic/line input channels with 2-band EQs
- ▶ Variable digital delay with time and repeat parameters
- ▶ Additional 1/4" TRS send/return jack for main insert
- ▶ 440 x 145 x 215 mm (17.3" x 5.7" x 8.5") \ 7.5 kg (16.5 lbs)

## POWERPOD 630RW

300W 6 Channel Powered Mixer with USB Recorder & Bluetooth



- ▶ 2 x 150W / 4 ohm dual power amplifiers for Main or Main/Monitor (Bridge mono, 300W / 8 ohm)
- ▶ 4 mono, 2 stereo mic/line input channels with 2-band EQs
- ▶ 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
- ▶ 1/4" AUX input connector for additional inputs
- ▶ Monitor and effect sends on each input channel
- ▶ Built-in limiters protect both your speakers and your Powerpod
- ▶ 440 x 265 x 275 mm (17.3" x 10.4" x 10.8") \ 13.06 kg (28.8 lbs)

## POWERPOD 750RW

500W 7 Channel Powered Mixer with USB Recorder & Bluetooth



- ▶ 2 x 250W / 4 ohm dual power amplifiers for Main or Main/Monitor (Bridge mono, 500W / 8 ohm)
- ▶ 4 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 super Hi-Z inputs optimized for direct instrument input
- ▶ 32/40-bit digital effect processor with 16 preset programs each with its own adjustable parameter
- ▶ 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 for mic inputs
- ▶ Built-in limiters protect both your speakers and your Powerpod
- ▶ 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)

### Common Features:

- ▶ Audiophile-quality microphone preamplifiers on all models
- ▶ USB recording module for record/playback of audio files
- ▶ Bluetooth audio streaming from tablets and smartphones
- ▶ Stereo RCA 2T return and record output

	POWERPOD 415RW	POWERPOD 630RW	POWERPOD 750RW
Power Channels	1	2	2
4 ohms per Channel	150W	150W	250W
8 ohms Bridge Mono	-	300W	500W
Lo-Z / Hi-Z Input Channels	4	6, 2 with super Hi-Z	4, 2 with super Hi-Z
Stereo Input Channels	-	2	3
Aux Returns	-	1	1
Main Mono	Send/Return	1	1
Monitor & AUX / EFX Send	-	2	2
Built-in Digital Effect Processor	Variable Delay	16 programs	16 programs
Channel Equalization	2-band, ±15dB	2-band, ±15dB	3-band, ±15dB
Other Features	USB Recording, Bluetooth Connectivity	Phantom Power, USB Recording, Bluetooth Connectivity	Phantom Power, USB Recording, Bluetooth Connectivity

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 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 410

100 Watt 4 Channel Powered Mixer with Variable Delay



- ▶ Built-in 100 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

100 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

200 Watt 6 Channel Powered Mixer with DFX and USB Recorder



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

## POWERPOD 620 **PLUS**

200 Watt 6 Channel Powered Mixer with DFX



- ▶ 100W + 100W / 4 ohm dual channel power amplifier
- ▶ Switchable 200W / 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 410	POWERPOD 410R	POWERPOD 620R	POWERPOD 620 Plus
Power Channels	1	1	2	2
4 ohms per Channel	100W	100W	100W	100W
8 ohms Bridge Mono	-	-	200W	200W
Lo-Z / Hi-Z Input Channels	4	4	6, 2 with super Hi-Z	6, 2 with super Hi-Z
Stereo Input Channels	-	-	2	2
Aux Returns	-	-	1	1
Main Mono	Send/Return	Send/Return	1	1
Monitor & AUX / EFX Send	-	-	2	2
Built-in Digital Effect Processor	Variable Delay	Variable Delay	16 programs	16 programs
Channel Equalization	2-band, ±15dB	2-band, ±15dB	2-band, ±15dB	2-band, ±15dB
Other Features	N/A	USB Recording	Phantom Power, USB Recording	Phantom Power

## POWERPOD 740 **PLUS**

440 Watt 7 Channel Powered Mixer with DFX



- ▶ 2 x 220W / 4 ohm dual power amplifiers for Main or Main/ Monitor (Bridge mono, 440W / 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
- ▶ ¼" 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 740FR

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



Same as Powerpod 740 with:

- ▶ One-touch feedback elimination circuit for destroying feedback in live performances
- ▶ USB recording module for record/playback of audio files

## POWERPOD 740R

440 Watt 7 Channel Powered Mixer with DFX and USB Recorder



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



### 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 Silencer **F**

No more mad dashes to the board while the audience plugs their ears, Phonic engineers have installed a 30-filter "feedback silencer" 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.

	POWERPOD 740 Plus	POWERPOD 740R	POWERPOD 740FR
Power Channels	2	2	2
4 ohms per Channel	220W	220W	220W
8 ohms Bridge Mono	440W	440W	440W
Lo-Z / Hi-Z Input Channels	4, 2 with super Hi-Z	4, 2 with super Hi-Z	4, 2 with super Hi-Z
Stereo Input Channels	3	3	3
Aux Returns	1	1	1
Main Mono	1	1	1
Monitor & AUX / EFX Send Masters	2	2	2
Built-in Digital Effect Processor	16 programs	16 programs	16 programs
Channel Equalization	3-band, ±15dB	3-band, ±15dB	3-band, ±15dB
Other Features	Phantom Power	Phantom Power, USB Recording	Phantom Power, USB Recording, Feedback Silencer

**POWERPOD 780 PLUS**

600W 7 Channel Powered Mixer with DFX



- ▶ 300W + 300W / 4 ohm dual power amplifier for Main or Main/Monitor
- ▶ 4 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 super Hi-Z inputs optimized for direct instrument input
- ▶ 32/40-bit DFX processor with 16 programs plus parameter control and foot switch jack
- ▶ Dual 7-band graphic equalizers with In/Out switches for Main L/R or Main/Monitor
- ▶ Rumble filters and phantom power for mic inputs
- ▶ Pad control on channels 1-4
- ▶ Monitor and effect sends on each input channel
- ▶ 2 built-in dynamic limiters for speaker protection
- ▶ 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 1062R**

600 Watt 10 Channel Powered Mixer with DFX & USB Recorder



- ▶ 2 x 300W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor
- ▶ USB recording module for recording/playback of audio files
- ▶ 6 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 super Hi-Z inputs optimized for direct instrument inputs
- ▶ 32/40-bit DFX processor with 16 programs plus parameter control
- ▶ Dual multi-band GEQ with in/out and assign switches
- ▶ Stereo line auxiliary input channel
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ Rumble filter and phantom power for mic inputs
- ▶ 2 built-in dynamic limiters for speaker protection
- ▶ 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 1082R**

800 Watt 10 Channel Powered Mixer with DFX & USB Recorder



- ▶ 2 x 400W / 4 ohms stereo power amplifier for Main L/R or Mono/Monitor
- ▶ USB recording module for recording/playback of audio files
- ▶ 6 mono, 3 stereo mic/line input channels with 3-band EQs
- ▶ 2 super Hi-Z inputs optimized for direct instrument inputs
- ▶ 32/40-bit DFX processor with 16 programs plus parameter control
- ▶ Dual multi-band GEQ with in/out and assign switches
- ▶ Stereo line auxiliary input channel
- ▶ Pad control on channels 1-6
- ▶ Monitor and effect sends on each input channel
- ▶ Rumble filter and phantom power for mic inputs
- ▶ 2 built-in dynamic limiters for speaker protection
- ▶ 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 780 Plus	POWERPOD 1062R	POWERPOD 1082R
Power Channels	2	2	2
4 ohms per Channel	300W	300W	400W
8 ohms Bridge Mono	600W	-	-
Lo-Z / Hi-Z Input Channels	4, 2 with super Hi-Z	8, 2 with super Hi-Z	8, 2 with super Hi-Z
Stereo Input Channels	3	2	2
Aux Returns	1	Stereo	Stereo
Main Mono	1	-	-
Monitor & AUX / EFX Send Masters	2	2	2
Built-in Digital Effect Processor	16 programs	16 programs	16 programs
Channel Equalization	3-band, ±15dB	3-band, ±15dB	3-band, ±15dB
Other Features	Phantom Power	Phantom Power, USB Recording	Phantom Power, USB Recording

## POWERPOD 820

200 Watt 8 Channel Powered Mixer with DFX



- ▶ 2 x 100W / 4 ohm stereo power amplifier, assignable to auxiliary
- ▶ 4 balanced mic/line channels with inserts, 2 stereo line channels
- ▶ 3-band EQ and 75Hz low cut filter on each channel
- ▶ Extra ALT 3-4 stereo bus
- ▶ 2 AUX sends and 2 stereo AUX returns
- ▶ 32/40-bit DFX processor with 16 programs plus 1 main parameter control
- ▶ 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
- ▶ 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 1860 PLUS

800 Watt 12 Channel Powered Mixer with Graphic EQ & DFX



- ▶ 2 x 400W / 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 DFX processor with 16 programs plus 1 main parameter control
- ▶ 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") \ 14.3 kg (31.5 lbs)

## POWERPOD K-12 PLUS

1000 Watt 12 Channel Powered Mixer with Graphic EQ and Dual DFX



- ▶ 2 x 500W / 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 DFX processor with 16 programs plus 1 main parameter control
- ▶ 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

1000 Watt 16 Channel Powered Mixer with Graphic EQ & Dual DFX



- ▶ 2 x 500W / 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 DFX processor with 16 programs plus 1 main parameter control
- ▶ Solid Phonic System (sPs) speaker enhancement circuit
- ▶ Vocal eliminator for application in karaoke setups
- ▶ 2 AUX sends, 2 EFX sends per channel
- ▶ 583 x 143 x 466 mm (23" x 5.6" x 18.4") \ 15.5 kg (34.2 lbs)

	POWERPOD 820	POWERPOD 1860 Plus	POWERPOD K-12 Plus	POWERPOD K-16 Plus
Power Channels	2	2	2	2
4 ohms per Channel	100W	400W	500W	500W
8 ohms Bridge Mono	-	800W	1000W	1000W
Lo-Z / Hi-Z Input Channels	4	8 (XLR+1/4")	8 (XLR+1/4" combo jacks)	12 (XLR+1/4" combo jacks)
Stereo Input Channels	2	2	2	2
Aux Returns	2 stereo	2 stereo	2 stereo	2 stereo
Main Mono	-	1	1	1
Monitor & AUX / EFX Send Masters	2	4	4	4
Built-in Digital Effect Processor	16 programs	16 programs	2 x 16 programs	2 x 16 programs
Channel Equalization	3-band, ±15dB	3-band, ±15dB	3-band, ±15dB	3-band, ±15dB
Other Features	Phantom Power, compact design	Phantom Power, 7-band GEQ, molded cover	Phantom Power, 7-band GEQ, molded cover, sPs processing	Phantom Power, 7-band GEQ, molded cover, sPs processing, vocal eliminator

Phonic iAMP powers amplifiers offer digital amplification at its finest, providing 800 to 2000 Watts of sheer power per channel into loads as low as 2 ohms. The high-speed, high resolution class D circuitry works with the sturdy yet low-weight construction to create an amplifier strong enough for permanent installations yet light enough for portable sound purposes. Input to the iAMP is flexible, accepting both XLR and balanced 1/4" phone jack inputs via onboard combo jacks. Speakon jacks are provided for output to speakers. The iAMP amplifiers are ideal for moderate to large venues in live venues such as hotels, clubs, and houses of worship.

## iAMP 1620

1600 Watt Digital Amplifier



- ▶ 800 Watts per channel at 2 ohms
- ▶ 530 Watts per channel at 4 ohms
- ▶ 300 Watts per channel at 8 ohms
- ▶ Advanced class D topology
- ▶ Versatile combo (XLR & 1/4") inputs
- ▶ Speakon speaker output connectors
- ▶ Light weight design
- ▶ Front panel LED indicators
- ▶ Detented input controls
- ▶ 1/4" jack signal thru on each channel

## iAMP 3020

3000 Watt Digital Amplifier



- ▶ 1500 Watts per channel at 2 ohms
- ▶ 1000 Watts per channel at 4 ohms
- ▶ 600 Watts per channel at 8 ohms
- ▶ Advanced class D topology
- ▶ Versatile combo (XLR & 1/4") inputs
- ▶ Speakon speaker output connectors
- ▶ Light weight design
- ▶ Front panel LED indicators
- ▶ Detented input controls
- ▶ 1/4" jack signal thru on each channel

## iAMP 4020

4000 Watt Digital Amplifier



- ▶ 2000 Watts per channel at 2 ohms
- ▶ 1200 Watts per channel at 4 ohms
- ▶ 680 Watts per channel at 8 ohms
- ▶ Advanced class D topology
- ▶ Versatile combo (XLR & 1/4") inputs
- ▶ Speakon speaker output connectors
- ▶ Light weight design
- ▶ Front panel LED indicators
- ▶ Detented input controls
- ▶ 1/4" jack signal thru on each channel

## iAMP 3020DSP | iAMP 4020DSP

Digital Amplifiers with Onboard DSP Processing



- DSP versions include:
- ▶ Variable crossover
  - ▶ Speaker alignment delay
  - ▶ Output limiter
  - ▶ 31-band Graphic EQ
  - ▶ 8 user-defined scenes
  - ▶ Comprehensive system monitoring

	iAMP 1620	iAMP 3020	iAMP 3020DSP	iAMP 4020	iAMP 4020DSP
Watts into 2 ohms	800W x 2	1500W x 2	1500W x 2	2000W x 2	2000W x 2
Watts into 4 ohms	530W x 2	1000W x 2	1000W x 2	1200W x 2	1200W x 2
Watts into 8 ohms	300W x 2	600W x 2	600W x 2	700W x 2	700W x 2
Channels	2	2	2	2	2
Fans	1	1	1	1	1
Controls	Detented Gain; High-Pass, Sub	Detented Gain; High-Pass, Sub	Detented Gain; High-Pass, Sub; Set/Enter; Prev/Up; Next/Down	Detented Gain; High-Pass, Sub	Detented Gain; High-Pass, Sub; Set/Enter; Prev/Up; Next/Down
Dimensions	482 x 89 x 260 mm (19" x 3.5" x 10.3")	482 x 89 x 260 mm (19" x 3.5" x 10.3")	482 x 89 x 260 mm (19" x 3.5" x 10.3")	482 x 89 x 260 mm (19" x 5.9" x 10.3")	482 x 89 x 260 mm (19" x 5.9" x 10.3")
Weight	6.1 Kg (13.4 lbs)	6.8 Kg (14.9 lbs)	6.8 Kg (14.9 lbs)	7 Kg (15.4 lbs)	7 Kg (15.4 lbs)

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.

## MAX 500

240 Watt Power Amplifier



- ▶ Output power: 120W @ 4 ohms per channel, 90W @ 8 ohms per channel
- ▶ High damping factor provides exceptional loudspeaker motion control
- ▶ Detented level controls for precise repeatability
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset, over-heat protection and power on/off muting
- ▶ Convection cooling system dissipates heat through the heat sink and chassis for noise-free operation
- ▶ 482 x 44 x 340 mm (19" x 1.75" x 13.3") \ 7.85 kg (17.3 lbs)

### Common Features:

- ▶ 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 1000

600 Watt Power Amplifier



- ▶ Output power: 300W @ 4 ohms per channel, 200W @ 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

900 Watt Power Amplifier



- ▶ Output power: 450W @ 4 ohms per channel, 280W @ 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

1500 Watt Power Amplifier



- ▶ Output power: 750W @ 4 ohms per channel, 500W @ 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

2400 Watt Power Amplifier



- ▶ Output power: 1200W @ 4 ohms per channel, 800W @ 8 ohms per channel
- ▶ 482 x 134 x 376 mm (19" x 5.25" x 14.8") \ 20.6 kg (44.8 lbs)

	MAX 500	MAX 1000	MAX 1500 Plus	MAX 2500 Plus	MAX 3500
Watts into 4 ohms	120W x 2	300W x 2	450W x 2	750W x 2	1200W x 2
Watts into 8 ohms	90W x 2	200W x 2	280W x 2	500W x 2	800W x 2
Watts, Bridge Mode	-	600W into 8 ohms	900W into 8 ohms	1500W into 8 ohms	2400W into 8 ohms
Channels	2	2	2	2	2
Fans	Convection	1 variable speed	1 variable speed	1 variable speed	1 variable speed
Controls	Detented Gain; Grounding/Floating; Parallel/Stereo	Detented Gain; Grounding/Floating; Parallel/Stereo/Bridge; Breaker reset			

The Phonic XP series of power amps has long been Phonic's flagship amplifier series, and with good reason. With models ranging from 1920 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.

## XP 2000

1920 Watt Power Amplifier



- ▶ Output Power: 960W @ 2 ohms per channel, 660W @ 4 ohms per channel
- ▶ Requires 3 standard rack units for mounting

## XP 3000

2800 Watt Power Amplifier



- ▶ Output Power: 1400W @ 2 ohms per channel, 1100W @ 4 ohms per channel

## XP 5000

5000 Watt Power Amplifier



- ▶ Output Power: 2500W @ 2 ohms per channel, 1800W @ 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

### Common Features:

- ▶ 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
- ▶ Requires 3U of a standard 19" rack

	XP 2000	XP 3000	XP 5000
Watts into 2 ohms	960W x 2	1400W x 2	2500W x 2
Watts into 4 ohms	660W x 2	1100W x 2	1800W x 2
Watts into 8 ohms	450W x 2	650W x 2	1100W x 2
Watts, Bridge Mode	1920W into 4 ohms	2800W into 4 ohms	5000W into 4 ohms
Channels	2	2	2
Fans	2 variable speed	2 variable speed	2 variable speed
Dimensions	482 x 150 x 400 mm (19" x 5.9" x 15.7")	482 x 150 x 400 mm (19" x 5.9" x 15.7")	482 x 150 x 400 mm (19" x 5.9" x 15.7")
Weight	20.68 Kg (45.6 lbs)	24.2 Kg (53.3 lbs)	30.2 Kg (66.6 lbs)
Controls	Channel Detented Gain; Floating/ Grounding; Limiter on/off; HP: 30Hz/50Hz; Parallel/Stereo/Bridge	Channel Detented Gain; Floating/ Grounding; Limiter on/off; HP: 30Hz/50Hz; Parallel/Stereo/Bridge	Channel Detented Gain; Floating/ Grounding; Limiter on/off; HP: 30Hz/50Hz; Parallel/Stereo/Bridge

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

## ICON 300

300 Watt Contractor Amplifier



- ▶ Output power: 2 x 150W at 4 ohms, 70V or 100V
- ▶ XLR and barrier strip input connectors
- ▶ Output via covered barrier strips
- ▶ Automatic dual-speed, high-efficiency cooling fan
- ▶ Full short-circuit, temperature and DC offset protection
- ▶ Toroidal output transformers provide full electrical isolation and meet worldwide safety standards

## ICON 700

700 Watt Contractor Amplifier



- ▶ Output power: 2 x 350W at 4 ohms, 70V or 100V
- ▶ XLR and barrier strip input connectors
- ▶ Output via covered barrier strips
- ▶ Automatic dual-speed, high-efficiency cooling fan
- ▶ Full short-circuit, temperature and DC offset protection
- ▶ Toroidal output transformers provide full electrical isolation and meet worldwide safety standards

	ICON 300	ICON 700
Watts into 2 ohms	300W x 2	550W x 2
Watts into 4 ohms	200W x 2	400W x 2
Watts into 8 ohms	120W x 2	240W x 2
Watts (70V/100V)	150W x 2	350W x 2
Watts, Bridge Mode (1kHz,1%THD)	540W into 4 ohms	1100W into 4 ohms
Channels	2	2
Fans	1 dual speed	1 dual speed
Dimensions	480 x 132 x 428 mm (18.9" x 5.2" x 16.85")	480 x 132 x 428 mm (18.9" x 5.2" x 16.85")
Weight	20.72 Kg (45.7 lbs)	24.7 Kg (54.6 lbs)
Controls	Detented Gain (rear); Parallel/Stereo/Bridge	Detented Gain (rear); Parallel/Stereo/Bridge

Let's put it simply: the new all-in-one Phonic Smartman is the smart choice in audio systems. A powerful digital mixer has been built directly into a powerful and stylish active speaker to create what can only be explained as pure audio perfection. This is what the Smartman is all about: the perfect marriage of power and technology. WiFi connectivity allows for wireless control of the internal signal processors – including dynamics, equalizers, digital effects and more. A USB recording module and Bluetooth connectivity allow for multiple recording and playback options. In short: it's a fully featured all-in-one intelligent audio system. That being the case, we could only call it Smart.

## Common Features:

- ▶ All-in-one system incorporates digital mixer, active loudspeaker, two UHF microphones (optional) and flexible Windows software for remote operation through RJ-45 connector (using an RS-485 protocol)
- ▶ 11 channel digital mixer including microphone combo (XLR/¼") input, stereo line inputs and stereo RCA inputs in addition to Bluetooth and USB inputs and the UHF wireless microphone option (Smartman 303A, 503A and 703A)
- ▶ 14 channel digital mixer on the Smartman 708A, including combo, stereo line inputs and stereo RCA inputs (and more)
- ▶ Digital mixer includes level adjustment, flexible compressor/limiter, channel EQs, main GEQ, high pass filters, low pass filters and delay
- ▶ Digital effect processor with reverb, tap delay, echo and chorus effects, each with user-adjustable parameters
- ▶ Infinite expansion through Smartman expansion speakers (300A, 500A, 700A, 700D)
- ▶ Flexible signal processing controlled through Windows software or WiFi
- ▶ XLR and ¼" Link outputs with user-selectable stereo/mono operation
- ▶ Wide frequency response for superior audio output
- ▶ Wireless UHF microphone systems (optional)
- ▶ Wireless Bluetooth audio streaming from smartdevices
- ▶ Up to 200 meters of delay can be added to any unit

### Smartman 303A

120 Watt 8" Intelligent All-in-one Audio Systems



- ▶ 8" woofer combined with 1" tweeter
- ▶ 120 Watts of power through D class amplifiers

### Smartman 503A

320 Watt 10" Intelligent All-in-one Audio Systems



- ▶ 10" woofer combined with 1" tweeter
- ▶ 320 Watts of power through AB and D class amplifiers

### Smartman 703A / 708A

700 Watt 12" Intelligent All-in-one Audio Systems



Smartman 703A Smartman 708A

- ▶ 12" woofer combined with 1¾" tweeter
- ▶ 700 Watts of power through AB and D class amplifiers

	Smartman 303A	Smartman 503A	Smartman 703A	Smartman 708A
Continuous Output	120W	320W	700W	700W
Peak Output	240W	640W	1400W	1400W
Woofer	8"	10"	12"	12"
Tweeter	1"	1"	1¾"	1¾"
Input	Combo (XLR/¼"), ¼", RCA			
Output	XLR, ¼"	XLR, ¼"	XLR, ¼"	XLR, ¼"
Remote Operation	WiFi / RS485	WiFi / RS485	WiFi / RS485	WiFi / RS485
USB Playback / Recording	Yes	Yes	Yes	Yes
Bluetooth	Yes	Yes	Yes	Yes
Signal Processors	Compressor/Limiter, PEQ, GEQ, Delay			
Digital EFX	Reverb, Delay, Chorus	Reverb, Delay, Chorus	Reverb, Delay, Chorus	Reverb, Delay, Chorus
Wireless Microphones	2 (optional)	2 (optional)	2 (optional)	2 (optional)

The Smartman series also offers a number of expansion speakers that feature the same fantastic style and power but not the extensive signal processing of the regular versions. These simplified versions allow for multiple speakers to be used to increase coverage area. Also available are the "D" expansion speakers, Delay-enabled active live speakers that facilitate the Smartman series' Infinite Expansion feature.

## Smartman 300A

120 Watt 8" Active Expansion Speaker



- ▶ 8" woofer combined with 1" tweeter
- ▶ 120 Watts of power through D class amplifiers

## Smartman 500A

320 Watt 10" Active Expansion Speaker



- ▶ 10" woofer combined with 1" tweeter
- ▶ 320 Watts of power through AB and D class amplifiers

## Smartman 700A

700 Watt 12" Active Expansion Speaker



- ▶ 12" woofer combined with 1 3/4" tweeter
- ▶ 700 Watts of power through AB and D class amplifiers

## Smartman 700D

700 Watt 12" Active Expansion Speaker with Adjustable Delay



- ▶ 12" woofer combined with 1 3/4" tweeter
- ▶ 700 Watts of power through AB and D class amplifiers
- ▶ User-adjustable delay time enabling infinite expansion

### Common Features:

- ▶ Combo input for XLR and 1/4" phone jack inputs
- ▶ XLR output connector for extended operation
- ▶ Wide frequency response for superior audio output
- ▶ Pole mount for extended audience reach
- ▶ Road-worthy impact resistant polymer enclosures
- ▶ Tour grade grille for speaker protection

	Smartman 300A	Smartman 500A	Smartman 700A	Smartman 700D
Continuous Output	120W	320W	700W	700W
Peak Output	240W	640W	1400W	1400W
Woofer	8"	10"	12"	12"
Tweeter	1"	1"	1 3/4"	1 3/4"
Input	Combo (XLR/1/4")	Combo (XLR/1/4")	Combo (XLR/1/4")	Combo (XLR/1/4")
Output	XLR	XLR	XLR	XLR
Remote Operation	None	None	None	None
USB Playback / Recording	None	None	None	None
Bluetooth	None	None	None	None
Signal Processors	None	None	None	Adjustable Delay Time
Digital EFX	None	None	None	None

The Phonic KT series consists of adaptable line array systems housed in attractive yet rugged trapezoidal enclosures. Complete with a flexible rigging system allowing for splay angles anywhere between 0° and 8°, the KT series is able to provide coverage for any and every large venue. Active models offer digital single channel, double channel, or triple-channel amplifiers for maximum audio separation and clarity. Multichannel amplifiers are utilized to increase separation of high, mid and low frequencies to help protect equipment and increase clarity. An integrated DSP manages processing including crossovers, equalization, limiters and compressors, in addition to numerous onboard presets for indoor and outdoor application. Phonic have incorporated high quality AD/DA converters to significantly improve overhead and dynamics and lower distortion. Remote monitoring provides a means to oversee performance in real time while processors can be edited on single cabinets or in networked units.

## KT-8

### 8" 3-Way Line Array Loudspeaker System

- ▶ Rated power (RMS): 150 Watts (LF), 110 Watts (MF/HF)
- ▶ Nominal Impedance: 16Ω (LF), 8Ω (MF/HF)
- ▶ Two water and dust resistant Neutrik NL4 connectors

## KT-8A

### Active 8" 3-Way Line Array Loudspeaker System

- ▶ Nominal Amplifier Power: 400 Watts (LF), 300 Watts (MF), 160 Watts (HF)



## KT-210

### 10" 2-Way Line Array Loudspeaker System

- ▶ Rated power (RMS): 600 Watts (LF), 150 Watts (HF)
- ▶ Nominal Impedance: 8Ω (HF), 8Ω (LF)
- ▶ Two water and dust resistant Neutrik NL4 connectors

## KT-210A

### Active 10" 2-Way Line Array Loudspeaker System

- ▶ Nominal Amplifier Power: 1200 Watts (LF), 300 Watts (HF)



### Common Features:

- ▶ 8" bass-loaded woofer, 6.5" mid-range woofer with 2" voice-coils and two 1.4" tweeters with neodymium magnets
- ▶ Titanium diaphragm compression driver
- ▶ Frequency response: 70Hz to 19KHz (-3dB)
- ▶ Straightforward rigging system allows splay angles from 0° to 8°
- ▶ 120° horizontal, 10° vertical dispersion pattern
- ▶ Maximum Sound Pressure Level: 128dB (Peak)
- ▶ Cabinet dimensions: 640x380x240mm (WxHxD)

### Common Features:

- ▶ Two 10" woofers with 2" voice-coils and 1.4" tweeter with neodymium magnets
- ▶ Titanium diaphragm compression driver
- ▶ Maximum Sound Pressure Level: 132dB (Peak)
- ▶ Can be mounted in conjunction with the KTS-18/ KTS-18A subwoofer
- ▶ Frequency response: 65Hz to 19KHz (-3dB)
- ▶ Straightforward rigging system allows splay angles from 0° to 8°
- ▶ 110° horizontal, 10° vertical dispersion pattern
- ▶ Cabinet dimensions: 760x300x460mm (WxHxD)

### Flexible Line Array Systems

Rig a number of KT units into a single line array. Available splay angles range from 0° to 8°.



The Phonic i2600 Digital speakers management can be employed in conjunction with amplifiers and the KT line array speakers for seamless separation of high-, mid- and low-frequency audio.



### Included Accessories

Flight Pins



U-Clip/ Shackles



### Optional Accessories

Grid Assembly Flight Frame  
**FF760** (760mm) for KT210/A & KT18/A  
**FF640** (640mm) for KT8/A  
**FF1000** (1000mm) for KTS218/A & KT12/A



Flight Case



Hoisting rope and lifting device also available.

## KT-12

### 12" 3-Way Line Array Loudspeaker System

- ▶ Rated power (RMS): 500 Watts (LF), 300 Watts (MF), 120 Watts (HF)
- ▶ Nominal Impedance: 24Ω (HF), 8Ω (MF), 8Ω (LF)
- ▶ Two water and dust resistant Neutrik NL8 connectors

## KT-12A

### Active 12" 3-Way Line Array Loudspeaker System

- ▶ Nominal Amplifier Power: 1000 Watts (LF), 600 Watts (MF), 240 Watts (HF)



#### Common Features:

- ▶ 12" bass-loaded woofer, two 6.5" mid-range woofers with 2" voice-coils and three 1.4" tweeters with neodymium magnets
- ▶ Titanium diaphragm compression driver
- ▶ Maximum Sound Pressure Level: 136dB (Peak)
- ▶ Frequency response: 60Hz to 19KHz (-/+3dB)
- ▶ 100° horizontal, 10° vertical dispersion pattern
- ▶ Straightforward rigging system allows splay angles from 0° to 8°
- ▶ Cabinet dimensions: 1000x400x550mm (WxHxD)

## KTS-18

### 18" Subwoofer System

- ▶ Rated power (RMS): 500 Watts
- ▶ Nominal Impedance: 8Ω
- ▶ Two water and dust resistant Neutrik NL4 connectors

## KTS-18A

### Active 18" Subwoofer System

- ▶ Nominal Amplifier Power: 1000 Watts

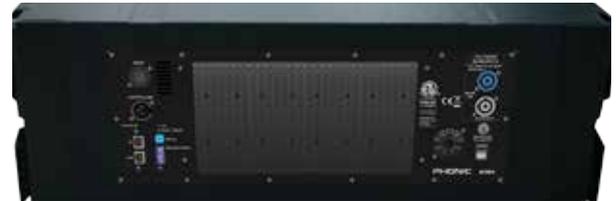


#### Common Features:

- ▶ One 18" sub-woofer with 4" voice-coils and ferrite magnets
- ▶ Maximum Sound Pressure Level: 138dB (Peak)
- ▶ Can be mounted in conjunction with the KT-210 loudspeakers
- ▶ Frequency response: 32Hz to 200Hz (-3dB)
- ▶ Straightforward rigging system allows splay angles from 0° to 8°
- ▶ Cabinet dimensions: 760x500x660mm (WxHxD)

#### Active Models Feature:

- ▶ Self-powered, three-way, medium format line array module
- ▶ Digital amplifiers with single or multi-channel operation
- ▶ DSP sound processing with remote user control
- ▶ Professional XLR input and output connectors
- ▶ Ethernet connections for remote software connection
- ▶ PowerCON AC input and AC link connectors

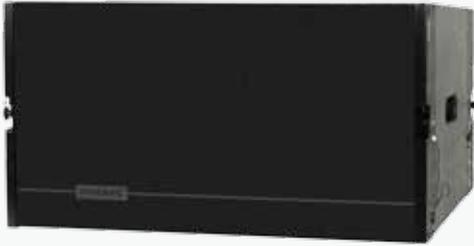


	KT-8	KT-210	KT-12	KTS-18	KTS-218
Frequency Range (-3dB)	70Hz-19KHz	65Hz-19KHz	60Hz-19KHz	32Hz-200Hz	32Hz-200Hz
Horizontal coverage (-6dB)	120°	110°	100°	-	-
Vertical coverage (-6dB)	10°	10°	10°	-	-
RMS Power Handling	LF: 150W MF/HF: 110W	LF: 600W HF: 150W	LF: 500W MF: 300W HF: 120W	500W	1000W
Nominal Impedance	LF: 16Ω MF/HF: 8Ω	LF: 8Ω HF: 8Ω	LF: 8Ω MF: 8Ω HF: 24Ω	8Ω	4Ω
Recommended Amplifier Power	LF: 400W MF: 300W HF: 160W	LF: 1200W H F: 300W	LF: 1000W M F: 600W HF: 240W	1000W	2000W
Rigging System	Included flight pin and u-clip/shackle Optional grid assembly flight frame				
Connectors	2 x Neutrik NL4	2 x Neutrik NL4	2 x Neutrik NL8	2 x Neutrik NL4	2 x Neutrik NL8

## KTS-218

### Dual 18" Subwoofer System

- ▶ Rated power (RMS): 1000 Watts
- ▶ Nominal Impedance: 4Ω
- ▶ Two water and dust resistant Neutrik NL8



## KTS-218A

### Active Dual 18" Subwoofer System

- ▶ Nominal Amplifier Power: 2000 Watts

#### Common Features:

- ▶ Two 18" sub-woofers with 4" voice-coils and ferrite magnets
- ▶ Trouble-free rigging system
- ▶ Maximum Sound Pressure Level: 144dB (Peak)
- ▶ Frequency response: 32Hz to 200Hz (-3dB)
- ▶ Cabinet dimensions: 1000x500x755mm (WxHxD)

	KT-8A	KT-210A	KT-12A	KTS-18A	KTS-218A
Frequency Range (-3dB)	70Hz-19KHz	65Hz-19KHz	60Hz-19KHz	32Hz-200Hz	32Hz-200Hz
Horizontal coverage (-6dB)	120°	110°	100°	-	-
Vertical coverage (-6dB)	10°	10°	10°	-	-
Nominal Amplifier Power	LF: 400W MF: 300W HF: 160W	LF: 1200W HF: 300W	LF: 1000W MF: 600W HF: 240W	1000W	2000W
Rated Maximum Peak SPL at 1m	LF: 126dB MF: 129dB HF: 129dB	LF: 132dB HF: 137dB	LF: 135dB MF: 135dB HF: 136dB	138 dB	144 dB
Rigging System	Included flight pin and u-clip/shackle Optional grid assembly flight frame				
Connectors	2 x XLR	2 x XLR	2 x XLR	2 x XLR	2 x XLR

## MOLDED SPEAKER

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

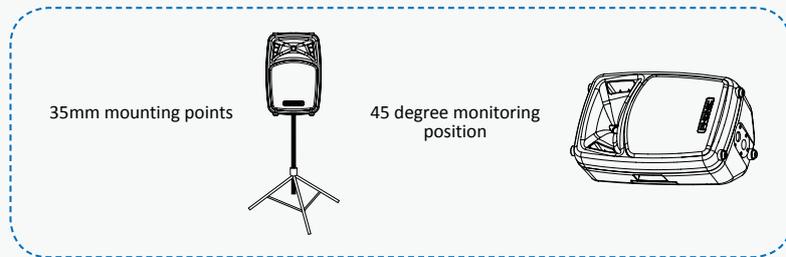


Standard 35mm pole mount



8° downtilt option for extended sound projection

Phonic strips away the bells and whistles to provide the raw, untarnished audio you need from a loudspeaker. To ensure there's a Jubi loudspeaker to match your needs, the series is available in a few configurations: passive and active; high and moderate power; with and without USB recording. Jubi Active Loudspeakers models are packed with power through a bi-amplified design that applies Class D and/or AB amplifier technologies. This allows precise amplification for both highs and lows, with a phase-accurate crossover perfectly separating frequencies to their respective amps. The end result is an active loudspeaker with dazzling highs, smooth lows and brilliant in-betweens. Jubi 12 and Jubi 15 passive loudspeakers have a continuous power handling of 700 Watts at 8 ohms, but are able to handle high peaks of up to 1400 Watts in a pinch. Available in both active and passive models, the Jubi series consists of high-end speakers at low-end prices.



## Jubi 12

### 12" Passive 2-Way Loudspeaker

- ▶ 700W continuous power handling
- ▶ 12" woofers matched with 1" tweeters
- ▶ 8 ohm nominal impedance
- ▶ Speakon and 1/4" TS input and thru connectors
- ▶ 35mm pole mount for extended audience reach



## Jubi 15

### 15" Passive 2-Way Loudspeaker

- ▶ 700W continuous power handling
- ▶ 15" woofers matched with 1" tweeters
- ▶ 8 ohm nominal impedance
- ▶ Speakon and 1/4" TS input and thru connectors
- ▶ 35mm pole mount for extended audience reach



## Jubi 12A

### 12" Active 2-Way Loudspeaker

- ▶ 700 Watts of continuous power using Class D and AB technology
- ▶ 12" woofers matched with 1" tweeters
- ▶ 2 channel mixer onboard with XLR and 1/4" inputs all available
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ 35mm mounting points for extending coverage



## Jubi 15A

### 15" Active 2-Way Loudspeaker

- ▶ 700 Watts of continuous power using Class D and AB technology
- ▶ 15" woofers matched with 1" tweeters
- ▶ 2 channel mixer onboard with XLR and 1/4" inputs all available
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ 35mm mounting points for extending coverage



### Jubi 12AR

12" Active 2-Way Loudspeaker with USB Recorder

- ▶ 700 Watts of continuous power using Class D and AB technology
- ▶ 12" woofers matched with 1" tweeters
- ▶ 2 channel mixer onboard with XLR and 1/4" inputs all available
- ▶ Record audio directly to USB flash drives
- ▶ Digital MP3 audio playback from USB flash drives
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ 35mm mounting points for extending coverage



### Jubi 12A LITE

12" Active 2-Way Loudspeaker with USB Recorder

- ▶ 320 Watt continuous power amplifier built-in
- ▶ 12" woofers matched with compression drivers
- ▶ 2 channel mixer onboard with XLR, 1/4" and RCA inputs all available
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ Record audio directly to USB flash drives
- ▶ MP3 audio playback from USB flash drives
- ▶ 1/4" line output for extended operation



### Jubi 12A JNR

12" Active 2-Way Loudspeaker

- ▶ 320 Watt continuous power amplifier built-in
- ▶ 12" woofers matched with compression drivers
- ▶ 2 channel mixer onboard with XLR, 1/4" and RCA inputs all available
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ 1/4" line output for extended operation



### Jubi 15AR

15" Active 2-Way Loudspeaker with USB Recorder

- ▶ 700 Watts of continuous power using Class D and AB technology
- ▶ 15" woofers matched with 1" tweeters
- ▶ 2 channel mixer onboard with XLR and 1/4" inputs all available
- ▶ Record audio directly to USB flash drives
- ▶ Digital MP3 audio playback from USB flash drives
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ 35mm mounting points for extending coverage



### Jubi 15A LITE

15" Active 2-Way Loudspeaker with USB Recorder

- ▶ 320 Watt continuous power amplifier built-in
- ▶ 15" woofers matched with compression drivers
- ▶ 2 channel mixer onboard with XLR, 1/4" and RCA inputs all available
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ Record audio directly to USB flash drives
- ▶ MP3 audio playback from USB flash drives
- ▶ 1/4" line output for extended operation



### Jubi 15A JNR

15" Active 2-Way Loudspeaker

- ▶ 320 Watt continuous power amplifier built-in
- ▶ 15" woofers matched with compression drivers
- ▶ 2 channel mixer onboard with XLR, 1/4" and RCA inputs all available
- ▶ Master 2-band EQ for ultimate control over highs and lows
- ▶ 1/4" line output for extended operation



## Jubi 12DSP

### 12" Active 2-Way Loudspeaker w/Integrated DSP

- ▶ 700 Watts of continuous power using Class D and AB technology
- ▶ 12" woofers matched with 1" tweeters
- ▶ 2 channel mixer onboard with Combo (XLR and 1/4") and mini-stereo inputs all available
- ▶ Integrated digital signal processor offers main 3-band equalizer, 2-way crossover, full-range/subwoofer operating modes and 5 preset input modes
- ▶ 35mm mounting points for extending coverage

## Jubi 15DSP

### 15" Active 2-Way Loudspeaker w/Integrated DSP

- ▶ 700 Watts of continuous power using Class D and AB technology
- ▶ 15" woofers matched with 1" tweeters
- ▶ 2 channel mixer onboard with Combo (XLR and 1/4") and mini-stereo inputs all available
- ▶ Integrated digital signal processor offers main 3-band equalizer, 2-way crossover, full-range/subwoofer operating modes and 5 preset input modes
- ▶ 35mm mounting points for extending coverage

	Jubi 12	Jubi 15	Jubi 12A	Jubi 15A	Jubi 12AR	Jubi 15AR
Nominal Impedance	8 ohms	8 ohms	-	-	-	-
Continuous Power Handling	700W	700W	-	-	-	-
Peak Power Handling	1400W	1400W	-	-	-	-
RMS @ 1% T.H.D.	-	-	350W	350W	350W	350W
Power Output (Continuous)	-	-	700W	700W	700W	700W
Power Output (Peak)	-	-	1400W	1400W	1400W	1400W
Woofers	12"	15"	12"	15"	12"	15"
Tweeter	1"	1"	1"	1"	1"	1"
Max SPL	92 dB	94 dB	124 dB	126 dB	126 dB	126 dB
Inputs	Speakon, 1/4" TR	Speakon, 1/4" TR	XLR, 1/4"	XLR, 1/4"	XLR, 1/4"	XLR, 1/4"
Outputs	Speakon, 1/4" TR	Speakon, 1/4" TR	XLR	XLR	XLR	XLR

	Jubi 12A Lite	Jubi 15A Lite	Jubi 12A JNR	Jubi 15A JNR	Jubi 12DSP	Jubi 15DSP
RMS @ 1% T.H.D.	160W	160W	160W	350W	350W	350W
Power Output (Continuous)	320W	320W	320W	320W	700W	700W
Power Output (Peak)	640W	640W	640W	640W	1400W	1400W
Woofers	12"	15"	12"	15"	12"	15"
Tweeter	1"	1"	1"	1"	1"	1"
Max SPL	123 dB	123 dB	123 dB	123 dB	124 dB	129 dB
Inputs	XLR, 1/4", RCA	XLR, 1/4", RCA	XLR, 1/4"	XLR, 1/4"	XLR, 1/4", 1/8"	XLR, 1/4", 1/8"
Outputs	1/4"	1/4"	XLR, RCA	XLR, RCA	XLR	XLR

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.

## FEATURE OVERVIEW:

- ▶ 1.75" titanium compression driver with ceramic ferrite magnet on 2-way models
- ▶ Sturdy 15mm birch plywood construction with internal bracing DC offset
- ▶ 3-layer scratch-proof paint finish for extended durability
- ▶ Powder coated 18 gauge steel grille with foam
- ▶ 12 M8 flypoints on ClubX 12A and 15A
- ▶ 35mm dual angle pole mount on ClubX 12A and 15A



### ClubX 12A

Active 2-Way Stage Speaker & Floor Monitor



- ▶ 12" woofer with 3" voice coil \ 1.75" pure titanium tweeter
- ▶ 1000W Continuous \ 2000W Peak
- ▶ Frequency response from 48Hz - 20kHz (+-3dB)
- ▶ 133dB maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover
- ▶ Frequency response 57Hz - 20kHz (+-3dB)
- ▶ 90° x 60° 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")

### ClubX 15A

Active 2-Way Stage Speaker & Floor Monitor



- ▶ 15" woofer with 3" voice coil \ 1.75" pure titanium tweeter
- ▶ 1000W Continuous \ 2000W Peak
- ▶ Frequency response from 44Hz - 20kHz (+-3dB)
- ▶ 135dB maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover
- ▶ Frequency response 50Hz - 20kHz (+-3dB)
- ▶ 90° x 60° 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")

### ClubX 215A

Active 2-Way Stage Speaker



- ▶ Dual 15" woofer with 3" voice coil \ 1.75" pure titanium tweeter
- ▶ 1000W Continuous \ 2000W Peak
- ▶ Frequency response from 33Hz - 20kHz (+-3dB)
- ▶ 138dB maximum SPL
- ▶ Phase aligned 4th order Linkwitz-Riley crossover
- ▶ Frequency response 40Hz - 20kHz (+-3dB)
- ▶ 90° x 60° rotatable horn
- ▶ Tough triple-layer scratchproof paint
- ▶ 15mm plywood construction with internal bracing system
- ▶ 4 casters / wheels for increased mobility
- ▶ 1200 x 520 x 456 mm (47.2" x 20.5" x 18.0")

### ClubX 18SBA

Active Subwoofer



- ▶ 18" woofer with 4" voice coil
- ▶ 1000W Continuous \ 2000W Peak
- ▶ Frequency response from 35Hz - 150Hz (+-3dB)
- ▶ 135dB maximum SPL
- ▶ Phase aligned Linkwitz-Riley crossover
- ▶ Frequency response 35Hz - 150Hz (+-3dB)
- ▶ 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")

	ClubX 12A	ClubX 15A	ClubX 215A	ClubX 18SBA
Frequency Response	48Hz - 20kHz	44Hz - 20kHz	33Hz - 20kHz	35Hz - 150Hz
RMS @ 1% T.H.D.	500W	500W	500W	500W
Power Output (Continuous)	1000W	1000W	1000W	1000W
Power Output (Peak)	2000W	2000W	2000W	2000W
Sound Pressure	133 dB	135 dB	138 dB	135 dB
Woofer	12"	15"	2 x 15"	18"
Tweeter	1.75"	1.75"	1.75"	-

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. 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

10" Passive 2-way Stage Speaker & Floor Monitor



- ▶ 10" woofer \ 1" pure titanium tweeter
- ▶ 100W RMS (IEC 268-5) \ 200W Program \ 400W Peak
- ▶ Durable carpeted enclosure
- ▶ 8 ohm nominal impedance
- ▶ 578 x 385 x 307 mm (22.8" x 15.2" x 12.1") \ 15 kg (33 lbs)

## aSK 18SB

18" Passive Subwoofer



- ▶ 18" woofer
- ▶ 300W RMS (IEC 268-5) \ 600W Program \ 1200W Peak
- ▶ Durable carpeted enclosure
- ▶ 535 x 620 x 620 mm (21.1" x 24.4" x 24.4") \ 44 kg (96.8 lbs)

## aSK 12

12" Passive 2-way Stage Speaker & Floor Monitor

- ▶ 12" woofer \ 1.4" pure titanium tweeter
- ▶ 200W RMS (IEC 268-5) \ 400W Program \ 800W Peak
- ▶ Durable carpeted enclosure
- ▶ 90° x 70° Wing-Guide™ Horn
- ▶ 607 x 405 x 323 mm (23.9" x 15.9" x 12.7") \ 16.5 kg (36.3 lbs)

## aSK 215

Dual 15" Passive 2-way Stage Speaker



## aSK 15

15" Passive 2-way Stage Speaker & Floor Monitor

- ▶ 15" woofer \ 1.4" pure titanium tweeter
- ▶ 200W RMS (IEC 268-5) \ 400W Program \ 800W Peak
- ▶ Durable carpeted enclosure
- ▶ 90°x70°Wing-Guide™Horn
- ▶ 705 x 470 x 375 mm (27.8" x 18.5" x 14.8") \ 21 kg (46.2 lbs)

### Common Features:

- ▶ Durable carpet enclosure
- ▶ Heavy duty metal handle
- ▶ Robust MDF construct with internal bracing

- ▶ Dual 15" woofer \ 1.4" pure titanium tweeter
- ▶ 400W RMS (IEC 268-5) \ 800W Program \ 1600W Peak
- ▶ Durable carpeted enclosure
- ▶ 90°x70°Wing-Guide™Horn
- ▶ 1100 x 470 x 470 mm (43.3" x 18.5" x 18.5") \ 44.5 kg (97.9 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 @ 1% THD)	100W	200W	200W	400W	300W
Power Handling (Recommended Amp Power )	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" Treated Mylar	1.35" Titanium	1.35" Titanium	1.35" Titanium	-

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 extend beyond 22kHz. Paired with Phonic's proprietary Wing-Guide™ horn, the iSK achieves best-in-class dispersion of 90° x 70°. The iSK series is also 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 Deluxe

Deluxe 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)
- ▶ Tough triple-layer scratchproof paint
- ▶ 8 ohm nominal impedance
- ▶ 95dB sensitivity (1W@1M)
- ▶ 70°x70° Conical Horn
- ▶ 2 durable integrated handles
- ▶ 12 M8 suspension points
- ▶ 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

8" Active 2-Way Stage Speaker & Floor Monitor

- ▶ 350W Continuous \ 700W Peak
- ▶ Frequency response 66Hz-20kHz (+-3dB)
- ▶ 124dB Maximum SPL
- ▶ Tough triple-layer scratchproof paint

## iSK 10 Deluxe

Deluxe 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)
- ▶ Tough triple-layer scratchproof paint
- ▶ 8 ohm nominal impedance
- ▶ 97dB sensitivity (1W@1M)
- ▶ 70°x70° Conical Horn
- ▶ 2 durable integrated handles
- ▶ 12 M8 suspension points
- ▶ 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)

## iSK10A Deluxe

10" Active 2-Way Stage Speaker & Floor Monitor

- ▶ 400W Continuous \ 800W Peak
- ▶ Frequency response 61Hz-20kHz (+-3dB)
- ▶ 126dB Maximum SPL
- ▶ Tough triple-layer scratchproof paint

## iSK 12

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)

## iSK12 Deluxe

Deluxe 12" Passive 2-Way Stage Speaker & Floor Monitor

Same as iSK12 with:

- ▶ Tough triple-layer scratchproof paint
- ▶ 12 M8 suspension points
- ▶ 2 durable integrated handles

## iSK12A Deluxe

12" Active 2-Way Stage Speaker & Floor Monitor

- ▶ 700W Continuous \ 1400W Peak
- ▶ Frequency response 51Hz - 22kHz (+-3dB)
- ▶ 129dB Maximum SPL
- ▶ Tough triple-layer scratchproof paint

	iSK 8 Deluxe	iSK 8A Deluxe	iSK 10 Deluxe	iSK 10A Deluxe	iSK 12 Deluxe	iSK 12A Deluxe
Frequency Response (+/- 3dB)	70Hz-20kHz	66Hz-20kHz	65Hz-20kHz	61Hz-20kHz	52Hz-22kHz	51Hz-22kHz
Power Handling (RMS @ 1% THD)	175W	175W	200W	200W	350W	350W
Power Handling (Continuous)	350W	350W	400W	400W	700W	700W
Amp Power Rating (Peak)	700W	700W	800W	800W	1400W	1400W
Sensitivity 1W@1M	95 dB	96 dB	97 dB	98 dB	98 dB	99 dB
Maximum SPL	-	124 dB	-	126 dB	-	129 dB
System Impedance	8 ohm	-	8 ohm	-	8 ohm	-
Woofer	8"	8"	10"	10"	12"	12"
Tweeter	1" Titanium	1" Titanium	1" Titanium	1" Titanium	1.8" Titanium	1.8" Titanium

## iSK 15

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 15 Deluxe

Deluxe 15" Passive 2-Way Stage Speaker & Floor Monitor

- Same as iSK 15 with:
- ▶ Tough triple-layer scratchproof paint
  - ▶ 12 M8 suspension points
  - ▶ 2 durable integrated handles

## iSK 15A Deluxe

Deluxe 15" Active 2-Way Stage Speaker & Floor Monitor

- ▶ 700W Continuous \ 1400W Peak
- ▶ Frequency response from 46Hz - 22kHz (+-3dB)
- ▶ 131dB Maximum SPL
- ▶ Tough triple-layer scratchproof paint

## iSK 215

Dual 15" 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 215J

Dual 15" Passive 3-Way Stage Speaker

- ▶ Built-in 3-way crossover

## iSK 215 Deluxe

Deluxe Dual 15" Passive 2-Way Stage Speaker

- ▶ Tough triple-layer scratchproof paint
- ▶ 2 durable integrated handles

## iSK 215A Deluxe

Dual 15" Active 2-Way Stage Speaker

- ▶ 1400W Continuous \ 2800W Peak
- ▶ Frequency response from 35Hz-22kHz (+-3dB)
- ▶ 132dB Maximum SPL
- ▶ Tough triple-layer scratchproof paint

## iSK 18SB

18" 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 18SB Deluxe

Deluxe 18" Passive Subwoofer

- Same as iSK 18SB with:
- ▶ Tough triple-layer scratchproof paint
  - ▶ 2 durable integrated handles

## iSK 18SBA Deluxe

18" Active Subwoofer

- ▶ 1120W Continuous \ 2240W Peak
- ▶ Frequency response from 35Hz - 250Hz (+-3dB)
- ▶ 128dB maximum SPL
- ▶ Tough triple-layer scratchproof paint

	iSK 15 (Deluxe)	iSK 15A Deluxe	iSK 215 (Deluxe/J)	iSK 215A Deluxe	iSK 18SB (Deluxe)	iSK 18SBA Deluxe
Frequency Response (+/- 3dB)	48Hz-22kHz	46Hz-22kHz	38Hz-22kHz	35Hz-22kHz	35Hz-250Hz	35Hz-250Hz
Power Handling (RMS @ 1% THD)	350W	350W	700W	700W	500W	500W
Power Handling (Continuous)	700W	700W	1400W	1400W	1000W	1000W
Power Output (Peak)	1400W	1400W	2800W	2800W	2000W	2000W
Sensitivity 1W@1M	98dB	99dB	100dB	101dB	99dB	100 dB
Maximum SPL	-	131dB	-	132dB	-	128dB
System Impedance	8ohm	-	4ohm	-	4ohm	-
Woofer	15"	15"	Dual 15"	Dual 15"	18"	18"
Tweeter	1.8" Titanium	1.8" Titanium	1.8" Titanium	1.8" Titanium	-	-

## SE 206B / W

5-1/4" 2-Way Molded Speaker



SE 206B



SE 206W

- ▶ Power Capacity: 30W RMS \ 60W Program \ 120W Peak
- ▶ 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)

## SE 207B / W

6-1/2" 2-Way Molded Speaker



SE 207B



SE 207W

- ▶ Power Capacity: 50W RMS \ 100W Program \ 200W Peak
- ▶ 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 206B / W

Powered 5-1/4" Molded Speaker



SEP 206B



SEP 206W

- ▶ 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)

## SEP 207B / W

Powered 6-1/2" Molded Speaker



SEP 207B



SEP 207W

- ▶ 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)

## VERSATAP 30B / W

4" 2-way Speaker with Transformer



VERSATAP 30B



VERSATAP 30W

- ▶ 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 50B / W

6-1/2" 2-way Molded Speaker with Transformer



VERSATAP 50B



VERSATAP 50W

- ▶ 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)

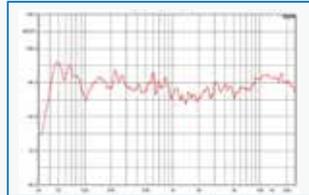
The Acumen's custom-designed paper cone woofers, silk tweeters, and meticulous material selection create its lush yet accurate signature sound. The bi-amplified Acumen has the best-in class wattage output with a combined 82 Watts for the Acumen 6A and 98 Watts for the Acumen 8A. Phonic's unique steeple-shaped enclosure minimizes acoustic inaccuracies found in standard box-shaped speakers and maximizes bass extension, acoustic sweet spot, and transparency while reducing common abnormalities such as resonance peaks, diffraction and port turbulence. So whether you are looking for an accurate monitoring system for recording, a pair of speakers for your DJ booth, or even a set of premium speakers for music playback, the finely tuned Acumen series will be a delight to your eyes and ears.

## ACUMEN 6A

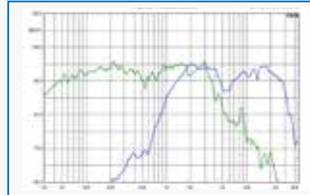
82 Watt 6" Studio Monitor

## ACUMEN 8A

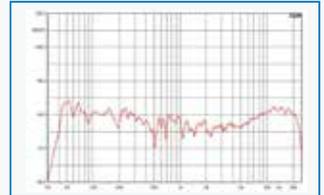
98 Watt 8" Studio Monitor



Acumen 8A Frequency Response



Acumen 8A Woofer & Tweeter Frequency Response

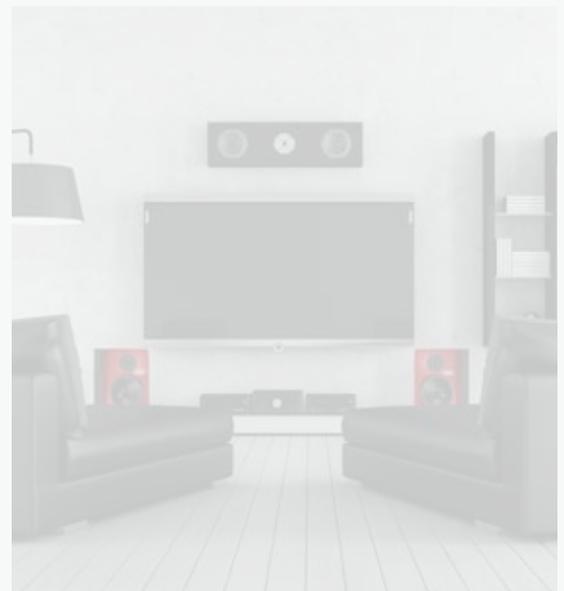


Acumen 6A Frequency Response



- ▶ 1" silk dome tweeter with neodymium magnet provides highly transparent and airy highs
- ▶ Long-throw custom-designed paper cone woofer generates stunningly deep bass response
- ▶ Bi-amplified design: 82 Watts RMS (Acumen 6A), 98 Watts RMS (Acumen 8A)
- ▶ Reliable and accurate sound signature; true to source material
- ▶ Adjustable high frequency, compensation
- ▶ Exceptional HF dispersion provides excellent detail and sound stage
- ▶ Magnetic shielding allows placement near other electronic devices
- ▶ Flexible inputs: XLR, TRS (1/4"), RCA
- ▶ 4th Order active Linkwitz-Riley crossover design
- ▶ Electronic speaker protection prevents transducer damage
- ▶ Available in Piano Black, Phonic Red and Crystal White
- ▶ Max. SPL of 107dB for Acumen 6A and 110dB for Acumen 8A

	Acumen 6A	Acumen 8A
Amplifier	Bi-Amplified	Bi-Amplified
High Frequency	35W	42W
Low Frequency	47W	56W
Woofer	6"	8"
Tweeter	1"	1"
Frequency Response (+-3dB)	49 Hz - 20 kHz	44 Hz - 20 kHz
Maximum SPL	107 dB	110 dB
Inputs	XLR, 1/4"	XLR, 1/4"



For the ultimate self-contained, battery-powered sound systems, look no further than the Phonic Safari 1000, Safari 2000 and Safari 3000. Each portable unit is powered by Class D amplifiers that provide robust power for the unit itself – and in some cases a matching companion speaker. The Safari's efficient battery management system enables operation for up to 8 hours on a full charge. A thick molded polymer body, extensive internal bracing, and rounded corners help the Safari withstand the bumps and bruises of the road. So whether you are a street vendor, musician, teacher, or business professional, the rugged and powerful Safari is the ultimate audio solution.



## Safari 1000M

50 Watt Portable PA System with Wireless Microphone and USB Recorder/Player

- ▶ Powerful 50-watt (25W RMS) output for loud, clear sound
- ▶ Elegant contour design and best-in-class performance
- ▶ Ultra compact, feather light & ergonomically portable
- ▶ Built-in wireless receiver with 10 channels
- ▶ One-touch Scan/ACT sync button for easy channel set-up
- ▶ USB music player/recorder (USB-R2) with LCD screen and remote
- ▶ 3.5mm line input accepts an external MP3, iPod or CD player
- ▶ Built-in alarm/siren for warning of threats, as well as paging lead
- ▶ 2 power modes: AC & built-in lithium rechargeable battery
- ▶ 4-level battery meter (25/50/75/100%) for accurate reading
- ▶ Use of shoulder strap or optional microphone stand
- ▶ 10 to 12 hours of stand-by time per fast charge

## Safari 1000T

50 Watt Portable PA System with Wireless Microphone

- ▶ Powerful 50-watt (25W RMS) output for loud, clear sound
- ▶ Elegant contour design and best-in-class performance
- ▶ Ultra compact, feather light & ergonomically portable
- ▶ Built-in wireless receiver with 10 channels
- ▶ One-touch Scan/ACT sync button for easy channel set-up
- ▶ 3.5mm line input accepts an external MP3, iPod or CD player
- ▶ Built-in alarm/siren for warning of threats, as well as paging lead
- ▶ 2 power modes: AC & built-in lithium rechargeable battery
- ▶ 4-level battery meter (25/50/75/100%) for accurate reading
- ▶ Use of shoulder strap or optional microphone stand
- ▶ 10 to 12 hours of stand-by time per fast charge

## Safari 1000 Lite

50 Watt Portable PA System

- ▶ Powerful 50-watt (25W RMS) output for loud, clear sound
- ▶ Elegant contour design and best-in-class performance
- ▶ Ultra compact, feather light & ergonomically portable
- ▶ 3.5mm line input accepts an external MP3, iPod or CD player
- ▶ Built-in alarm/siren for warning of threats, as well as paging lead
- ▶ 2 power modes: AC & built-in lithium rechargeable battery
- ▶ 4-level battery meter (25/50/75/100%) for accurate reading
- ▶ Use of shoulder strap or optional microphone stand
- ▶ 10 to 12 hours of stand-by time per fast charge

### Safari 1000 Lite



Handheld Microphone



Spiral Cable

### Safari 1000M / 1000T



Wireless handheld Microphone



Wireless lavalier Transmitter (sold separately)



SAFARI 3000

## 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 3000-SYS1

## 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 & 1/4"), mini-stereo and RCA inputs
- ▶ Dual class D amplifiers offer 160 Watts RMS / 320 Watts Peak
- ▶ Retractable metal handle and wheels for improved portability
- ▶ 553 x 350 x 333 mm (21.8" x 13.8" x 13.1") \ 16 kg (35 lbs)



SAFARI 2000



SAFARI 2000-SYS2

## Safari 2000

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

- ▶ 8" woofer and 1" tweeter
- ▶ 2 channel onboard mixer: combo jack (XLR & 1/4"), 1/4" TS and RCA inputs
- ▶ Dual class D amplifiers offer 60 Watts RMS / 120 Watts Peak
- ▶ Bluetooth enabled! Stream music to the Safari 2000 from any bluetooth-enabled cell phone, tablet PC, or laptop
- ▶ 418 x 292 x 252 mm (16.5" x 11.5" x 9.9") \ 9.5 kg (21 lbs)

## 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)

## Safari2000/3000 SYS1

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

## Safari2000/3000 SYS2

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



SAFARI 3000DC



SAFARI 2000DC

## 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)

## 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)

## 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)

## A2800

2-In, 8-Out Distribution Mixer



- ▶ Extraordinarily low-noise 2 in, 8 out line mixer and splitter
- ▶ Pan / balance control on each output channel for flexible routing
- ▶ Flexible use as an output level matching preamp or DI box
- ▶ Link in and out connectors for easy expansion of system
- ▶ Main link button for simple linking of input channels
- ▶ 5-segment output level meters for all channels
- ▶ 3-segment input level meters on each the left and right inputs
- ▶ Individual left and right volume controls on input channels
- ▶ Rugged construction with premium components for long-lasting life

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. 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 1 single rack unit can do for you.



## 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 6-way mono, 3 way stereo crossover application
- ▶ 4-band parametric EQ with adjustable frequency, Q and level ( $\pm 12$ dB)
- ▶ 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
- ▶ 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
- ▶ Save and recall settings to computer; store up to 50 presets
- ▶ Security key locking system for protecting your setup from unauthorized operation
- ▶ Precise RTA for real-time adjustment
- ▶ 43 x 483 x 220 mm (1.7" x 19.0" x 8.7") \ 2.5 kg (5.5 lbs)

## PAA6

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

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.



- ▶ 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)

Windows Software Now Available!



## PAA3

### Handheld Audio Analyzer with USB 1.1 Interface

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 re-soundingly 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 of power – assuring the PAA3 is always ready when you need it.

- ▶ SPL meter calibration through sound level calibrator
- ▶ 4 standard response time
- ▶ 3 power modes: (1) Power Save (2) Manual off (3) Off
- ▶ Audio test signals and desktop control software on CD-ROM
- ▶ SPL meter from 30 dB to 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 1.1 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") \ 0.25 kg (0.55 lbs)



The new Phonic PR and PCT series of diversity wireless microphone systems are the culmination of years of experience in both wired and wireless technologies. Take part of the headache out of your live setups by incorporating one of these fantastically simple wireless microphone systems. Each system offers level switches allowing contouring of output signals to external devices, whether they be professional mixing consoles or consumer-grade recording products. Utilizing UHF for maximum range and PLL-synthesized technology for RF stability, the Phonic wireless microphone systems allow you to unleash your live performances like never before.

- ▶ Advanced diversity circuitry helps to improve stability and avoid dropouts
- ▶ Broad channel range makes it possible to use multiple systems at any one time
- ▶ Rear-panel +10, 0, -6 dB switch for contouring level to input devices
- ▶ Stable performance even in the event that multiple units or channels are used
- ▶ Flexible noise squelch technology for clear, noise-free performances every time
- ▶ Detachable diversity antennas for flexible setup and installation
- ▶ Perfect for Karaoke (KTV) bars and live stage performances
- ▶ Effectice range up to 200 m / 60 feet

## PR 800 | PR 800B

Single Channel Diversity Wireless Microphone System



- ▶ Simple plug-and-play design for immediate and easy operation
- ▶ Front panel RF and AF indicators
- ▶ ¼" phone jack output for balanced or unbalanced signals
- ▶ Front panel sensitivity controls for adjusting incoming mic signals
- ▶ Available with UHF handheld microphone or bodypack and lavalier microphone
- ▶ Run up to 6 units interference-free in a single venue

## PR 900 | PR 900B

Dual-Channel Diversity Wireless Microphone System



- ▶ Simple plug-and-play design for immediate and easy operation
- ▶ Front panel RF and AF metering for system monitoring
- ▶ ¼" phone jack outputs for balanced or unbalanced signals
- ▶ Front panel sensitivity controls for adjusting incoming mic signals
- ▶ Volume balance control adjusts level balance between A and B receivers
- ▶ Available with either 2 UHF handheld microphones or 2 sets of bodypacks and lavalier microphones
- ▶ Run up to 4 units / 8 microphones interference-free in a single venue

PR 800 | PR 900 | PCT 1000

PR 800 | PR 900B | PCT 1000B



or



Wireless handheld Microphone

Wireless lavalier Transmitter

1U Rack Mounting Set (PR-RK1)



## PCT 1000 | PCT 1000B

Dual-Channel Diversity Wireless Microphone System



- ▶ One-touch autoscan technology selects cleanest transmission frequency automatically
- ▶ Front panel RF and AF metering for system monitoring
- ▶ Balanced and unbalanced output through XLR and ¼" TRS phone jacks
- ▶ PCT 1000 features a single receiver and two UHF handheld microphones
- ▶ PCT 1000B features a single receiver and two UHF bodypack transmitters with lavalier microphones
- ▶ Run up to 6 units / 12 microphones interference-free in a single venue

## PCT 3000

Professional Wideband True Diversity Wireless Microphone System



- ▶ 29 preset groups +1 user group 10/16 channels per group (432 channels in total)
- ▶ Up to 10 microphones can be used per channel group for a maximum of 48 microphones in a single venue
- ▶ Autoscan technology selects cleanest transmission frequency
- ▶ Clear display offers frequency information for ultimate control over transmission
- ▶ Dedicated wireless handheld microphones with controls and battery indicator
- ▶ Balanced and unbalanced output through XLR and ¼" TRS phone jacks

Phonic offers a number of profession quality dynamic cardioid vocal microphones, combining Phonic's high standards with incredible value. Phonic DM series microphones are engineered for excellent vocal and instrument capture with slightly brightened mids and extended bass. The DM series dynamic microphones are constructed with a cast zinc alloy body and steel mesh.

## DM.680

Engineered for Vocal and Instrument Capture



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

## DM.690

Engineered for Vocal and Instrument Capture



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

## DM.700

Engineered for Vocal and Instrument Capture



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

### DM.680 DM.690 DM.700

SINGLE PACK



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

3 MIC PACK WITH ALUMINUM OR PLASTIC CASE



## PA SYSTEMS

Pick up a complete Phonic PA system - and our adjustable mixer stand - today. The Phonic mixer stand is the perfect complement to your favorite Phonic analog mixer and active speaker. This nifty little adjustable stand is ideal for the Phonic AM440 and AM642 analog mixers - and everything in between. The Mixer Stand keeps your mixer at the perfect height for complete comfort when manning the board. So when building your own Phonic PA bundle, don't forget to include the Phonic Mixer Stand!



### Adjustable Mixer Stand Features:

- ▶ Compatible with numerous Phonic analog models
- ▶ Adjustable height and angle for fantastic versatility
- ▶ Integrated hole for bundling cables neatly together
- ▶ Incredibly stable design regardless of setup

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# Phonic Corporation

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