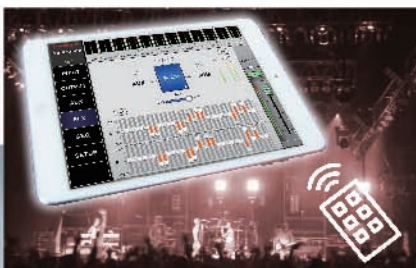


PHONIC

SMARTMAN



INTELLIGENT AUDIO SYSTEMS



FULLY-INTEGRATED ALL-IN-ONE AUDIO SYSTEMS WITH INTEGRATED MIXERS,
SIGNAL PROCESSORS, POWER AMPLIFIERS AND 2-WAY SPEAKERS

The Phonic Smartman is – put simply – the smart choice for installers. The fully-integrated design encompasses the full gamut of audio devices, combining flexible mixing with intuitive signal processing, while flawlessly pumping out up to 1400 Watts (peak) of power through fantastic 2-way speakers. The system can be controlled remotely – through the Phonic Smartman Windows application, or wirelessly via the Smartman iPad app. Combined with the Smartman active expansion speakers, the Smartman can run virtually limitless in any venue.



FLEXIBLE MIXING



Phonic engineers ingrained each Smartman Intelligent Audio System with a multi-channel mixer. These feature flexible input types, including XLR microphone, 1/4" phone jack, and RCA inputs. In addition to these, the Smartman systems include Bluetooth connectivity – for digital audio to be streamed from smartphones and tablets – and a USB player/recorder – allowing MP3 and WMA files to be incorporated into your mix. All inputs appear as their own independent channels within the Smartman software.

STEREO OPERATION



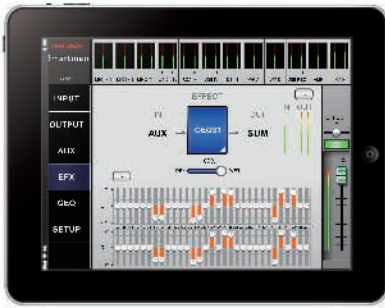
Each Smartman audio system can work independently, for a completely contained single-speaker experience. That being said, the XLR and 1/4" phone jack outputs allow for stereo signals to be sent through to additional expansion speakers. The switch that accompanies these connectors allows them to be used as mono outputs (L+R) or stereo outputs (L/R). Each the Left and Right line-level outputs features an adjustable delay feature, allowing the left and right speakers to be corrected for time-delay when placed at a distance.

FLEXIBLE MIXING



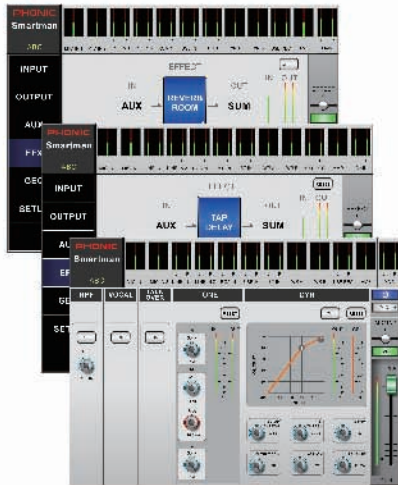
While not included as standard, the Smartman wireless systems can utilize wireless UHF technology for incorporation of up to 2 wireless microphones into the system. Phonic offers three different wireless systems depending on the type of microphone used. The WM-1S system includes a wireless receiver and handheld UHF microphone system. The WL-1S system includes the receiver, lavalier microphone, and UHF bodypack transmitter. Finally, WH-1S system includes the receiver, headset microphone, and UHF bodypack transmitter.

REMOTE OPERATION



The Smartman intelligent audio systems can be operated remotely in two very distinct ways. The first is through the integrated Ethernet port, allowing for RS-485 control. The Smartman systems come complete with an appropriate adapter for connecting to your Windows computer. The second method of connection – and perhaps the most popular – is through WiFi. The Phonic Smartman iPad app can connect to the speaker through WiFi and provides control of all internal signal processing, channel input and output levels, left/right panning, and signal level monitoring.

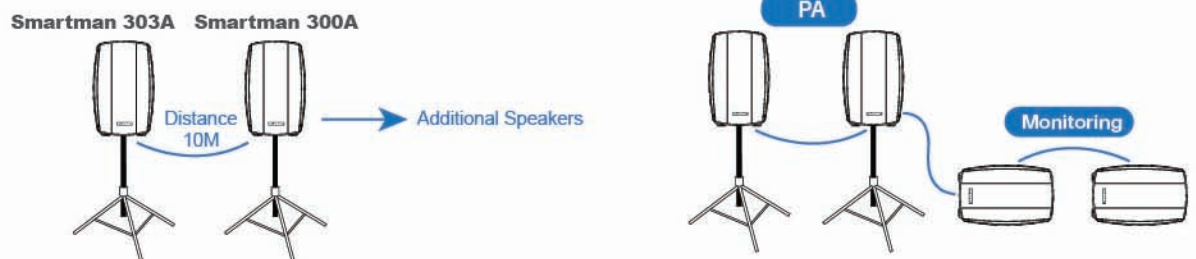
SIGNAL PROCESSING



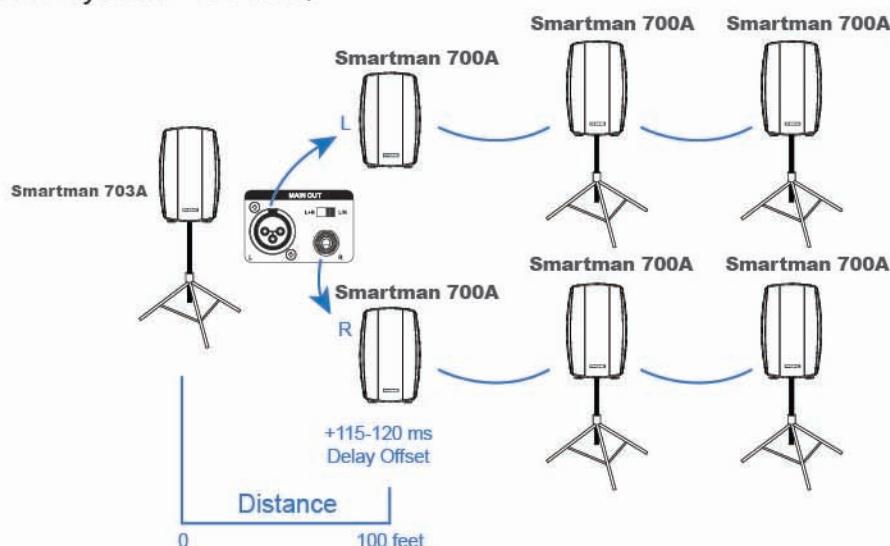
Smartman intelligent audio systems feature the entire gamut of audio processing tools to enhance your setup. Each channel features a 2- or 3-band equalizer for contouring input signals to your preferred sound. A vocal filter and high pass filter are both available on mic-channels for enhancement of vocals and removal of low-end rumble. Each channel features a highly flexible compressor/limiter with fully adjustable thresholds, ratio, output gain, attack, and release. A 7-band graphic equalizer is included for adjusting the main mix's response. The flexible digital effect processor can be utilized on any signal – or combination of signals – with reverbs, echo, tap delay, flanger, and chorus effects available. A stereo 31-band graphic equalizer can also be used in the EFX's stead.

SETUP EXAMPLE

Small Venue (Mono System < 100 Feet)



Larger Venue (Stereo System > 100 Feet)





BE THE SMARTMAN

- Self-contained audio systems with built-in mixers, signal processors, mixers, and speakers
- All channels feature 2- or 3-band equalizers with adjustable level through software
- Digital effect processor with reverb, delay and chorus effects, each with user-adjustable parameters
- Fully-featured compressor/limiter on most input channels and output mix
- Switchable low-pass filter on main line-level outputs
- Integrated USB recorder/player for digital audio playback and program backup
- Wireless Bluetooth connectivity for audio streaming
- XLR and ¼" Link Out jacks with user-selectable operation
- Output delay allows for more versatile placement of speakers
- Built-in WiFi for wireless iPad control of Smartman system
- RS-485 / Ethernet adapter included for Windows PC operation
- Road-worthy solid polymer construction for maximum impact-resistance
- Tour grade grille for speaker protection



SMARTMAN 303A 120 WATT 8" ACTIVE INTELLIGENT AUDIO SYSTEM

- 2-way speaker system with 8" woofer matched with 1" tweeter
- 120 Watts of power (Program) through Class D amplification
- 11 channel mixer offers a combo input (XLR/¼"), stereo line input, and stereo RCA input, plus Bluetooth, USB playback, and UHF microphone inputs*



SMARTMAN 703A 700 WATT 12" ACTIVE INTELLIGENT AUDIO SYSTEM

- 2-way speaker system with 12" long-throw woofer matched with 1¾" tweeter
- Phenomenal power amplifier provides a total of 700 Watts of power (Program)
- Bi-amplified design with D for low-end and AB for high-frequency audio
- 11 channel mixer offers a combo input (XLR/¼"), stereo line input, and stereo RCA input, plus Bluetooth, USB playback, and UHF microphone inputs*



SMARTMAN 708A 700 WATT 12" ACTIVE INTELLIGENT AUDIO SYSTEM

- 2-way speaker system with 12" long-throw woofer matched with 1¾" tweeter
- Phenomenal power amplifier provides a total of 700 Watts of power (Program)
- Bi-amplified design with D for low-end and AB for high-frequency audio
- 14 channel mixer includes two combo inputs (XLR/¼"), two stereo line inputs, and stereo RCA input in addition to Bluetooth, USB playback, and UHF microphone inputs*

*UHF wireless microphones are an optional component

EXPAND THE SMARTMAN



SMARTMAN 300A 120 WATT 8" EXPANSION SPEAKER

- 2-way speaker system with 8" woofer matched with 1" tweeter
- 120 Watts of power (Program) through Class D amplification
- Offers Combo (XLR/¼") input connectors and XLR output connectors
- Peak LED indicates when incoming signals are excessive



SMARTMAN 700A 700 WATT 12" EXPANSION SPEAKER

- 2-way speaker system with 12" long-throw woofer matched with 1¾" tweeter
- Phenomenal power amplifier provides a total of 700 Watts of power (Program)
- Bi-amplified technology with D for low-end and AB for high-frequency audio
- Offers Combo (XLR/¼") input connectors and XLR output connectors
- Peak LED indicates when incoming signals are excessive

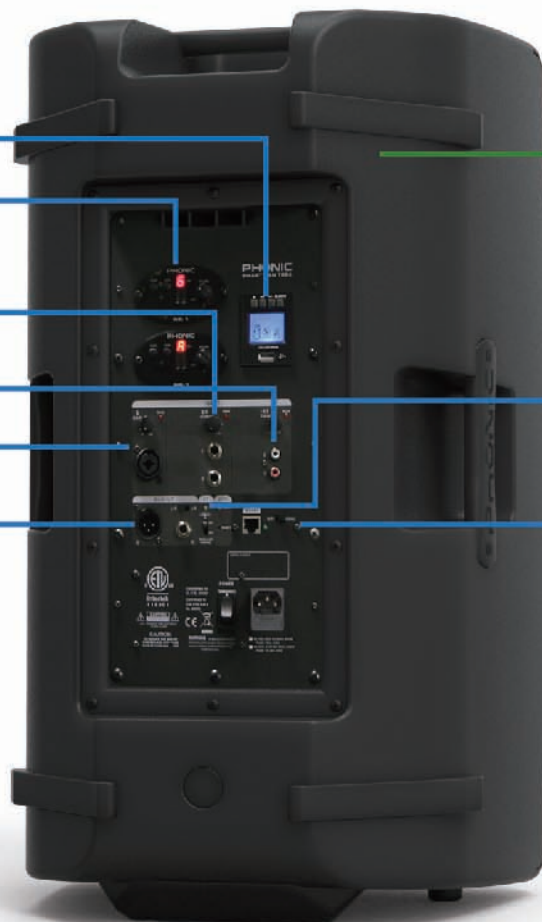
UTILIZE THE SMARTMAN

Utilize the Smartman intelligent audio systems in your next corporate conference, school assembly, church gathering, or college lecture. Multiple microphones can be utilized at any time ensuring there are plenty to go around. Musical sources can also be integrated into your setup by way of Bluetooth streaming or USB flash-drives providing flexibility in operation. Control all of these inputs through the remote software to ensure smooth, professional performance.

SMARTMAN AT A GLANCE

INPUT/OUTPUT SUGGESTIONS

-  USB Flash Drive
-  UHF Wireless Microphones Optional
-  Instruments
-  CD Player
-  Built-in analog Mixer
-  Smartman or Smartman Expansion (see the next page)



DSP FEATURES

Internal digital mixer includes functions such as level mixing, 4-band parametric EQs, 15-band graphic EQ, compressor, limiter and a digital effect engine. Every function is accessible from Smartman's remote controller software.

 Bluetooth-enabled Smartphone/Microphone

 Wired and Wireless Remote Control

SCRUTINIZE THE SMARTMAN

	SMARTMAN 303A	SMARTMAN 703A	SMARTMAN 708A
Amplifier Technology	Class D	Class D (Low Frequency) Class AB (High Frequency)	Class D (Low Frequency) Class AB (High Frequency)
Power Output	240 Watt Peak 120 Watt Continuous	1400 Watt Peak 700 Watt Continuous	1400 Watt Peak 700 Watt Continuous
Woofer	8"	12"	12"
Tweeter	1"	1¾"	1¾"
Frequency Response	50 Hz to 18 kHz	48 Hz to 20 kHz	48 Hz to 20 kHz
Inputs	1 x Combo (XLR/¼") 2 x ¼" TRS 2 x RCA	1 x Combo (XLR/¼") 2 x ¼" TRS 2 x RCA	2 x Combo (XLR/¼") 4 x ¼" TRS 2 x RCA
Output	XLR, ¼" (selectable)	XLR, ¼" (selectable)	XLR, ¼" (selectable)
Remote Operation	WiFi / RJ-45 (RS-485)	WiFi / RJ-45 (RS-485)	WiFi / RJ-45 (RS-485)
USB Playback / Recording	Yes	Yes	Yes
Bluetooth	2.4GHz	2.4GHz	2.4GHz
Signal Processors	Compressor/Limiter, HPF, Vocal Filter, Delay, Channel EQ, 7-band GEQ	Compressor/Limiter, HPF, Vocal Filter, Delay, Channel EQ, 7-band GEQ	Compressor/Limiter, HPF, Vocal Filter, Delay, Channel EQ, 7-band GEQ
Digital EFX Processor	Reverb, Chorus, Echo, Tap Delay, Flanger, GEQ	Reverb, Chorus, Echo, Tap Delay, Flanger, GEQ	Reverb, Chorus, Echo, Tap Delay, Flanger, GEQ
Wireless Microphones	Autoscan UHF (optional)	Autoscan UHF (optional)	Autoscan UHF (optional)
Wireless Microphone Frequency	500 - 875 MHz (region dependent)	500 - 875 MHz (region dependent)	500 - 875 MHz (region dependent)
Indicators	WiFi Link On, Peak, Bluetooth, Ethernet Link	WiFi Link On, Peak, Bluetooth, Ethernet Link	WiFi Link On, Peak, Bluetooth, Ethernet Link
Enclosure Material	Polymer	Polymer	Polymer
Handle	Top	3 PU Handles	3 PU Handles
Dimensions (HxWxD)	418 x 292 x 252 mm (16.5" x 11.5" x 9.9")	635 x 375 x 372.5 mm (25" x 14.8" x 14.7")	635 x 375 x 372.5 mm (25" x 14.8" x 14.7")
Net Weight	9.5 kg (21 lbs)	19 kg (41.9 lbs)	19 kg (41.9 lbs)

SMARTMAN 300A**SMARTMAN 700A**

Amplifier Technology	Class D	Class D (Low Frequency) Class AB (High Frequency)
Power Output	240 Watt Peak 120 Watt Continuous	1400 Watt Peak 700 Watt Continuous
Woofer	8"	12"
Tweeter	1"	1¾"
Frequency Response	50 Hz to 18 kHz	48 Hz to 20 kHz
Inputs	1 x Combo (XLR/¼") 2 x ¼" TRS 2 x RCA	1 x Combo (XLR/¼") 2 x ¼" TRS 2 x RCA
Output	XLR	XLR
Remote Operation	-	-
USB Playback / Recording	-	-
Bluetooth	-	-
Signal Processors	-	-
Digital EFX Processor	-	-
Wireless Microphones	-	-
Wireless Microphone Frequency	-	-
Indicators	Peak, Power On	Peak, Power On
Enclosure Material	Polymer	Polymer
Handle	Top	3 PU Handles
Dimensions (HxWxD)	418 x 292 x 252 mm (16.5" x 11.5" x 9.9")	635 x 375 x 372.5 mm (25" x 14.8" x 14.7")
Net Weight	9.5 kg (21 lbs)	19 kg (41.9 lbs)

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