

## **PAA6** 2-Channel Audio Analyzer with Color Touch LCD

- Palm-sized, large color display audio analyzer for all sound engineers
- Two built-in measurement condenser mics
- Useful functions include RTA, LEQ, RT-60, FFT, THD+N, Polarity, Phase, Scope and Meter (dB SPL, dBu, dBV, Volt)
- Elegant graphical user interface
- Compatible with Windows XP & Vista



### **FEATURE:**

- ▶ 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
- ▶ Useful functions include RTA, LEQ, RT-60, FFT, THD+N, Polarity, Phase, Scope and Meter (dB SPL, dBu, dBV, Volt)
- ▶ Elegant graphical user interface
- ▶ Long-lasting rechargeable lithium-ion battery system
- ▶ USB 2.0 port and SD card slot included for storing and retrieving data
- ▶ 30 to 130 dB SPL meter
- ▶ PC remote link software included
- ▶ Compatible with Windows XP & Vista

The PAA6 is the latest and the greatest in Phonic's popular handheld audio analyzer series. All functions and menus are easily accessed through a 480 x 272 color touch-screen display. The PAA6 incorporates significantly improved versions of real time spectrum analyzer, RT60, tone generator, LEQ, EQ setting and Phase checking from the PAA3. Moreover, the PAA6 audio tester provides engineers with an even wider array of essential sound analysis tools than ever before - now adding FFT, THD+N, Polarity and Scope functions to the mix, as well as two built-in mics that can take highly accurate measurements from multiple positions in any given room. A USB 2.0 connector and SD card slot have been included to assist in transferring information to and from your computer. This feature-rich, portable audio tester is sure to satisfy even the most discerning professional audio engineer.

## Specifications

<b>Inputs / Outputs</b>	Build-in Mic	Condenser mic
	XLR Jack	XLR input and output
	USB	USB Interface
<b>Display</b>		480 x 272, 16-bit, full color touch screen
<b>Range</b>	Mic in / Line In	30~130 dB SPL / -85~25 dBu
<b>Memory</b>		SD card and internal memory
<b>Generator</b>		Sine, triangle, square, polarity, sweep, pink noise, white noise
<b>RTA</b>	Frequency	20 Hz ~ 20 KHz, all frequencies
	EQ Setting	EQ Cut or Boost
	Subtract / Sum	CH1+CH2. CH1-CH2. CH2-CH1
	Dynamic Range	30 ~130 dB. 60dB display range, eg. 70~130, 60~120, 50~110
	dB-scale setting	+ / - 5dB steps on Y-Axis
	Unit	dB SPL, dBu, dBV, Volt
	Octave	1/1, 1/3, 2/3, 1/6
	Weighted	A. B. C. Flat
<b>FFT</b>	Frequency Range	13 selectable bandwidths
	Subtract / Sum	CH1+CH2. CH1-CH2. CH2-CH1
	Unit	dB SPL, dBu, dBV, Volt
	Octave	1/1, 1/3, 2/3, 1/6
	Weighted	A. B. C. Flat
<b>RT-60</b>	Unit	dB SPL, dBu, dBV, Volt
	Trigger	Internal / External
<b>THD+N</b>		less than 0.05% 20~20KHz +4 dBu
<b>Meter</b>		30~130 dB SPL / -85~25 dBu / -87.2~22.8 dBV / 0.0436mV~13.8V
<b>Phase</b>	Phase Dgree	Phase Correlation (out of phase or in phase)
<b>Oscillator Scope</b>	Trigger	CH1, CH2, CH1+CH2
<b>Polarity</b>		Polarity checker (Negative / Positive)
<b>LEQ</b>	Weighted	A. B. C. Flat
	KHz	Selectable Frequency
<b>Dimensions (W x H x D)</b>		174.5 x 40 x 105.5 mm (6.89" x 1.57" x 4.17")

