

AudioControl®

Making Good Sound Great™

"SEE WHAT YOU'VE BEEN HEARING"

NEW TEST AND MEASUREMENT SOLUTION



iPhone® is not included

SA-4100i

iOS MEASUREMENT MIC

COMPATIBLE WITH IPOD® TOUCH, IPHONE®, IPAD® | FACTORY CALIBRATED BY AUDIOCONTROL
OMNIDIRECTIONAL | 20 HZ - 20 KHZ +/- 3 DB FREQUENCY RESPONSE | LIGHTNING CONNECTOR
DUAL-GAIN RANGE PREAMP | OPTIMIZED FOR AUDIOCONTROL MOBILE TOOLS APP



MOBILE AUDIO

AUDIOCONTROL iOS MEASUREMENT MICROPHONE

The SA-4100i is a full range, omnidirectional iOS measurement microphone with built-in calibration, preamplifier and A/D conversion. The SA-4100i is the perfect instrument for taking acoustical measurements, converting them to electrical signals and feeding into an iOS device (running iOS 5.0 or later) for analysis using AudioControl's Mobile Tools app¹. Use the SA-4100i to tune and perfect high performance audio systems in cars, boats, home or the 2 million gallon cistern at Fort Warden State Park in Washington. The AudioControl Mobile Tools app helps to visualize what you are hearing to achieve professional results in all audio system installations.

- Compatible with iPod® touch, iPhone®, iPad®
- Individually Calibrated by AudioControl
- Omnidirectional capsule
- 20 Hz - 20 kHz Frequency Response +/- 3 dB
- Built-in Lightning connector
- Dual-gain Range Preamp
- Access to AudioControl Mobile Tools App¹
 - » RTA Real Time Analyzer - Octave and 1/3 Octave
 - » FFT Fast Fourier Transform - Up to 1/24 Octave
 - » SPL Sound Pressure Level - Slow, Fast, Impulse or Peak
 - » Polarity Testing
 - » DQ-61 Signal Delay module

SA-4100i SPECIFICATIONS

FREQUENCY RESPONSE	20 HZ - 20 KHZ +/- 3 dB
GAIN RANGES	27 dBA - 105 dBA; 48 dBA - 120 dBA
POLAR PATTERN	OMNIDIRECTIONAL
POWER CONSUMPTION	<50 mA
CONNECTOR TYPE	LIGHTNING
DIMENSIONS	TIP DIAMETER - 13 mm (.5 INCHES) LENGTH - 145 mm (5.7 INCHES)

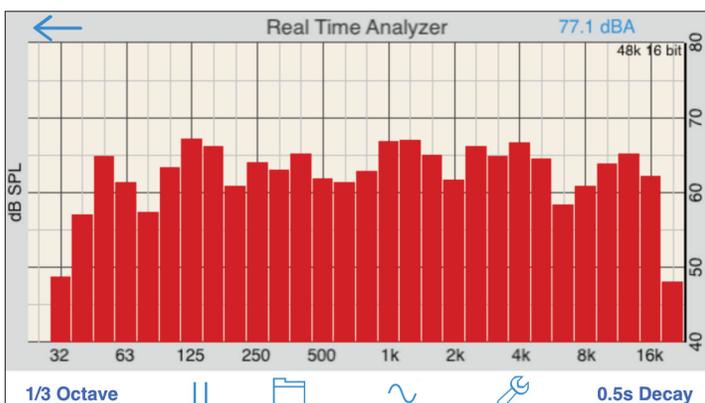


SA-4100i

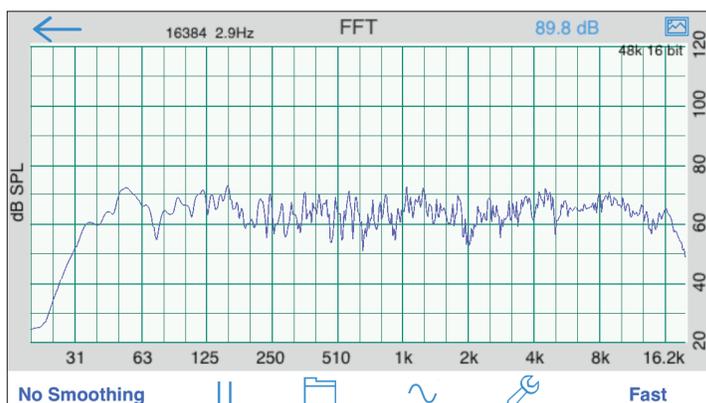


SA-4100i includes the full AudioControl Mobile Tools app (downloadable from the App Store) which includes the following modules: **RTA**, **FFT**, **Polarity**, **SPL** and **DQ-61**.

The iOS headphone jack can be used as an output for test tones in RTA, FFT and DQ-61.



Mobile Tools RTA is a full-featured one-third octave real time analyzer



Mobile Tools FFT uses Fast Fourier Transform to analyze incoming audio signals

¹Made for iPod,[™] ¹Made for iPhone,[™] and ¹Made for iPad[™] mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

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