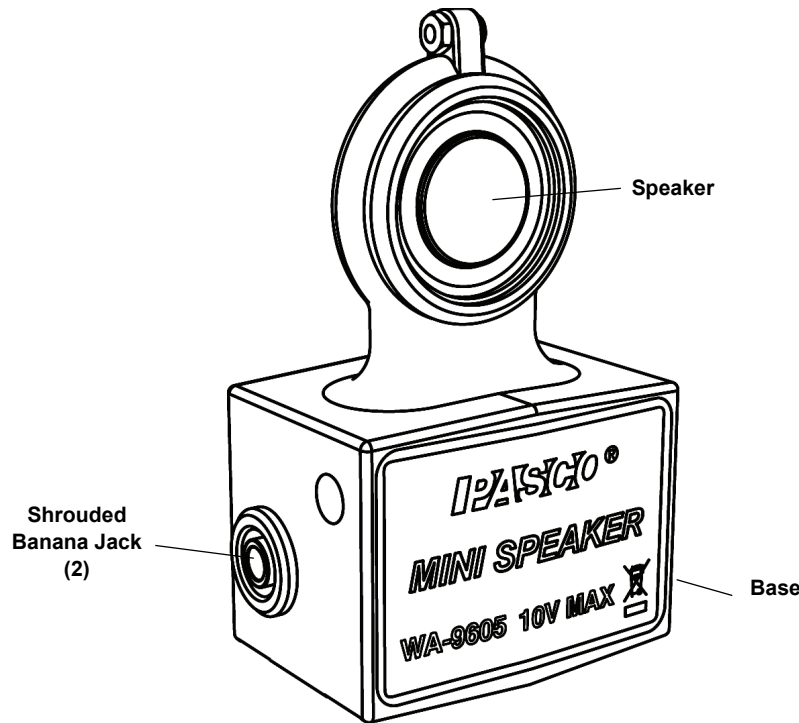


# Mini Speaker

WA-9605



## Equipment

The WA-9605 Mini Speaker is designed to work with the PASCO WA-9606 Resonance Air Column. To produce sound and to work with the Resonance Air Column, the Mini Speaker needs a signal generator and a way to connect to the signal generator.

### Required Equipment\*

Resonance Air Column (WA-9606)
Banana Plug Patch Cords (such as EM-9740)
Signal Generator (See below.)

The Mini Speaker needs a signal generator, such as a Function Generator or a PASCO Interface with signal generator capability (such as the UI-5000 850 Universal Interface or the CI-7650 750 Interface) and PASCO Data Acquisition Software (such as PASCO Capstone\*).

### Recommended Equipment\*

Function Generator (PI-8127)
OR
PASCO Computer Interface
PASCO Data Acquisition Software

\*Visit the PASCO web site at [www.pasco.com](http://www.pasco.com) for more information.

## Introduction

The Mini Speaker works with the PASCO Resonance Air Column to demonstrate the propagation of sound waves in a tube. It is possible to set up standing wave patterns and locate nodes and antinodes in the air column.

## Setup

Connect the end of two banana plug patch cords into the shrouded banana jacks on both sides of the base of the Mini Speaker. Plug the other end of the patch cords to the signal generator, such as the PI-8127 Function Generator.

Adjust the frequency and amplitude of the signal as needed.

**WARNING: Limit the amplitude to 10 volts.**

## Technical Support

For assistance with any PASCO product, contact PASCO at:

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Roseville, CA 95747-7100

Phone: +1 916 786 3800 (worldwide)  
800-772-8700 (U.S.)

E-mail: [support@pasco.com](mailto:support@pasco.com)

Web [www.pasco.com](http://www.pasco.com)

For the latest information about the Mini Speaker or the Resonance Air Column, go to the PASCO web site at [www.pasco.com](http://www.pasco.com) and enter the model number or the product name in the search window.

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The European Union WEEE (Waste Electronic and Electrical Equipment) symbol (to the right) and on the product or its packaging indicates that this product must not be disposed of in a standard waste container.

