

# Spherical Super Tweeter

## ES103A/ES103B/ES105

You will be amused to the effect made by this simple equipment.  
 The fast transient with breathing vibration mode gives wide dispersion of up to 100kHz.  
 With a self-resonance frequency at 103 or 105kHz, the delay of diaphragm, at 15 to 100kHz is minimal.  
 Three models with identical acoustic features are available.  
 Choose according to their color and design.  
 Rather than words, please enjoy the sound.

ES103A



The ES103A is our standard model with the hand-finished aluminum and walnut housing.

ES103B



The ES103B with black finish is designed to match with black or dark-colored speakers.

ES103B mounted on a microphone stand to hang over your speaker system.

ES105



The ES105 has a housing made of zinc alloy casting with a dark gray color. This design and color are intended for mid-size and compact speakers. Adding these to home theater systems will also provide true theater sound effects.

### Specifications

	ES103A/B	ES105
Frequency range	15kHz to 100kHz	
SPL	90dB/W/m	
Dispersion	± 45degree	
Self-resonance frequency	103kHz	105kHz
Impedance	8ohms	
Long term maximum power	50W (pink noise)	
Dimensions	65dia × 110L mm (2.6" dia × 4.3" L)	90W × 65H × 118D mm (3.5" W × 2.6" H × 4.6" D)
Weight	1.1kg (2.4lbs)	

\* Specifications may be modified without prior notice.

#### ⚠ CAUTION

Please read User's Manual attached to the appliances completely for safety before operating the appliances.

Inquires to <http://www.murata.com/speaker>

**muRata** Murata Manufacturing Co., Ltd.

Dealer's column

Cat.No.P76E