

**AEGIS**

**Owner's manual**

**AEGIS**  
*one*

**((AE))**  
LOUDSPEAKERS

## Introduction

**Congratulations on choosing the Acoustic Energy AEGIS ONE — a powerful compact two-way loudspeaker which features metal diaphragm technology and is capable of outstanding performance. Please take a few moments to read this manual. The advice it contains will enable you to get the very best performance out of your Acoustic Energy loudspeakers.**

The AEGIS ONE utilises metal cone mid-bass drive unit technology, proven in the AE Reference series. The rigid anodised alloy cone ensures pure piston action and also acts as a heat sink for the bonded voice coil. These features provide exceptional clarity, transparency dynamics and power handling.

The tweeter — or treble driver — is a high-quality silk fabric dome unit integrating smoothly with the rest of the system. Both drive units are fully magnetically shielded so that the speakers can be used in close proximity to a TV screen or monitor for AV applications.

AEGIS ONE loudspeaker uses quality OFC internal wiring which enhances detail and transparency. For exceptional results use AE UPOCC speaker cable which is available from AE dealers and distributors.

## Positioning

The AEGIS ONEs are best heard with the tweeters at, or just below, ear height when the listener is seated. For serious listening the grilles are best removed.

Rigid support is essential for the speaker to develop its full detail and dynamic performance. Rigid stands with spikes, cones or other methods of secure mounting are recommended. 'Free-field' stand mounting gives improved stereo separation and depth. If AEGIS ONEs are shelf mounted the support must be firm; cones are still recommended beneath the cabinets.

Closeness to room boundaries has a major impact on the low frequency performance. The speakers should be kept away from corners (which will produce booming). The speakers can be positioned fairly close to a back or side wall but should not be the same distance off the ground as from the rear or side wall.

Experiment with the best position to achieve a full, yet clean bass response. Trust your judgement and ears.

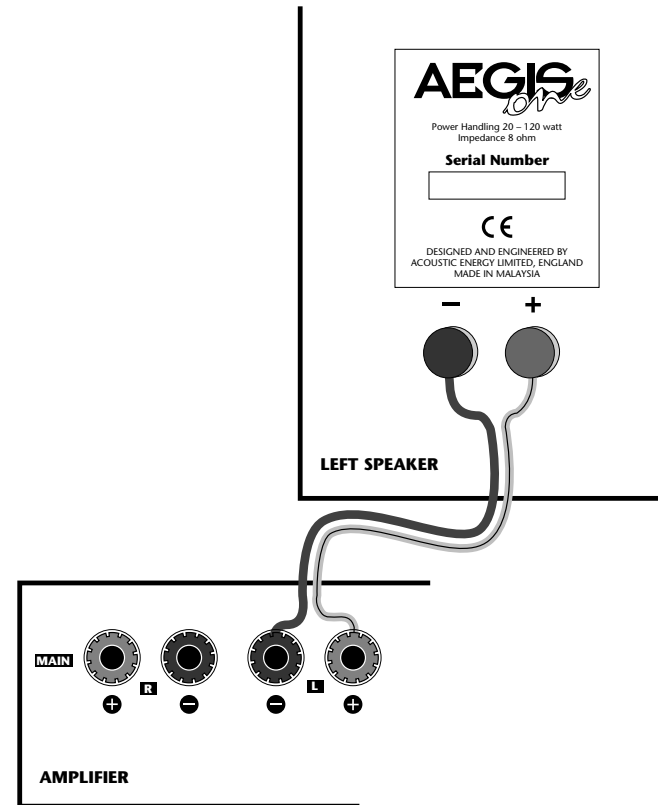
For best stereo imaging the speakers should be as far apart as they are from the listening position.

# Connection

Check that your amplifier is switched off before installing your loudspeakers. Failure to do so may result in speaker or amplifier damage.

The diagram illustrates one loudspeaker only. The positive (ribbed) cable from the amplifier positive (or red) terminal on the loudspeaker should connect with the positive (red) terminal on the amplifier. Similarly the negative (smooth) cable should connect the amplifier negative terminal (black) to the negative terminal (black) on the loudspeaker.

**After wiring up:** Lower the volume to minimum, switch on the amplifier, select the signal source and then raise the volume to the listening level required.



# Specifications

<b>HF unit</b>	25 mm silk fabric dome, anti-reflection pole. Ferrofluid cooled and damped. Magnetically shielded
<b>MF/LF unit</b>	Pure piston 130 mm AE driver with 32 mm coil, high-power, long-throw magnet system and lightweight alloy cone. Magnetically shielded
<b>Crossover</b>	2 <sup>nd</sup> /3 <sup>rd</sup> order at 2.8 kHz. High-power inductors and polyester capacitors. OFC wire to drive units
<b>Power handling</b>	20 – 120 watt max
<b>Overall frequency response</b>	38 Hz – 22 kHz
<b>Frequency response ±3 dB</b>	50 Hz – 20 kHz
<b>Sensitivity</b>	90 dB/1 w/1 m
<b>Impedance</b>	8 ohm
<b>Cabinet</b>	25 mm MDF low diffraction front baffle. 15mm MDF enclosure. Full internal bracing. High-power, gas-flowed, low-turbulence bass reflex port.
<b>Terminals</b>	Gold-plated 2-way binding posts
<b>Weight (excl. packaging)</b>	7 kg each
<b>Dimensions (WxHxD)</b>	192 x 362 x 235 mm

# Warranty

Your Acoustic Energy loudspeakers are guaranteed against original defects in materials, manufacture and workmanship for 3 years from the date of purchase. Please retain all original packaging materials for possible future use. We suggest that you complete details of purchase now and keep this information in a safe place for future reference.

Under this warranty Acoustic Energy agrees to repair any defect or, at the company's discretion, replace the faulty component(s) without charge for parts and labour. This warranty does not imply any acceptance by Acoustic Energy or its agents for consequential loss or damage and specifically excludes fair wear and tear, accident, misuse or unauthorised modification.

This warranty is applicable in the United Kingdom only and does not in any way limit the customer's legal rights. Claims and enquiries under the warranty for AE products purchased outside the UK should be addressed to the local importers or distributors.

If you have reason to claim under the warranty please contact your dealer in the first instance.

Dealer's name:.....  
 Address: .....  
 .....  
 Date of purchase: .....  
 Serial numbers: .....

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