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ACOUSTIC ENERGY

1 **SERIES**

ONE

OWNERS MANUAL

www.acoustic-energy.co.uk

Introduction

Congratulations on choosing the Acoustic Energy 1 Series, speakers designed to offer extremely high performance and technical ability.

The 1 Series has been engineered to offer neutral balance, low-distortion and high power handling with as little cabinet colouration as possible. Combined with discreet front-porting, the 1 Series are extremely flexible loudspeakers for use in any room or position in the modern home.

Please take a little time to read through this manual and follow, as far as practical, the installation guidelines it contains. Careful installation will help ensure your 1 Series speakers perform optimally and offer many years of listening enjoyment.

Should you have any questions not covered here or need more in-depth set-up advice we are happy to try and answer your queries either by telephone or email. Contact information can be found on the back of this manual.

Positioning

The 1 Series are very flexible with regard to positioning and are designed to work well wherever they are located within the listening environment. There are however some basic guidelines that should be followed (where possible) for optimum performance:

The tweeters (high frequency drivers, N/A to subwoofer) should ideally be at ear level when the listener is seated and for serious listening the grilles are best removed where practical. The 107 may require placement lower if used with a screen in typical A/V layout.

Rigid support is necessary for the speakers to deliver optimum dynamic response and detail, the 101's and 107 benefit from either good stands or a solid surface below them, the 103's and 108 should be used with their own floor spikes where possible. Extra coupling can be achieved with standard mounting tack used to secure placement.

Room positioning: The 1 Series speakers are all "room-friendly" models and should be able to be placed where most convenient with minimal detriment to sound. Where possible a minimum of 6" (15cm) of space should be allowed between the speakers and boundary walls. Stereo models should be the same distance from each other as the listening position.

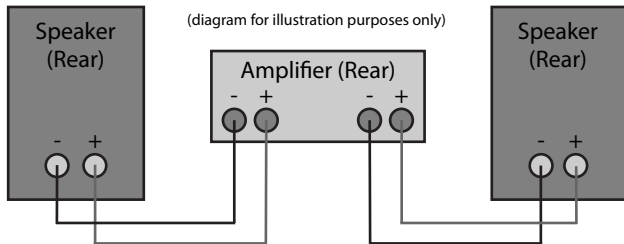
Experiment and listen to what works best for you, trust your own ears and judgement.

Connections (101 and 103*)

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

The positive cable from the amplifier positive (or red) terminal should connect with the positive (red) terminal on the loudspeaker. Similarly the negative cable should connect the amplifier negative terminal (black) to the negative terminal (black) on the loudspeaker.

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



*For 107 and 108 models please refer to amplifier instruction manual as many configurations are possible and will vary.

Specifications

Tweeter:	28mm AE Custom Fabric Dome (108 N/A)
Mid/Bass Drivers:	101,103,107 = 110mm Anodised Aluminium Cones 108 = 200mm Recycled Pulp Fibre Cone
Power Handling:	101 = 150 Watts RMS, 103 = 175 Watts RMS 107 = 175 Watts RMS, 108 = Active 150 Watts
Frq Response:	101 = 48Hz-32kHz, 103 = 40Hz-32kHz 107 = 45Hz-32kHz, 108 = 38Hz-120Hz (+/- 3dB)
Sensitivity:	101 = 87dB, 103 = 89dB, 107 = 88dB (108 N/A)
Impedance:	8 ohm (6 ohm minimum) All models (108 N/A)
Cabinet:	Multiple brace, pressure loaded 18mm MDF with low turbulence slot ports, 108 Sealed box.
Weight (Each):	101 = 6kg, 103 = 14kg, 107 = 9kg, 108 = 10kg
Size (HxWxD):	101 = 230 x 150 x 200mm, 103 = 730 x 150 x 270mm 107 = 150 x 400 x 200mm , 108 = 280mm ³
Finish:	Black Ash, Walnut or High Gloss White vinyl.

Warranty

Your Acoustic Energy 1 Series loudspeakers are guaranteed against original defects in materials, manufacture and workmanship for 3 years (108 Subwoofer 1 year) from the date of Purchase. Please retain all original packaging materials for possible future use.

We suggest that you complete the 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 or 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:

Date of purchase:

Serial numbers:

ACOUSTIC ENERGY LTD

16 Bridge Road,
Cirencester,
Gloucestershire,
GL7 1NJ

Tel: +44(0) 1285 654432

Fax: +44(0) 1285 654430

Email: info@acoustic-energy.co.uk

www.acoustic-energy.co.uk