



## New Products From Alan Butcher Components!

Alan Butcher Components is pleased to announce the addition of new miniature speakers and piezo buzzers to our range.

### Miniature Speakers:

#### ABS-248-RC

- Miniature rectangular 4ohm speaker, 2Wmax.
- The linked twin speakers help to improve SPL and sound quality.
- Excellent miniature speaker for voice and music reproduction.
- Suitable for a wide range of applications including Bluetooth products, PDAs and for products where space is a premium.



#### ABS-249-RC

- Very small, compact, low profile speaker
- 8ohm speaker, 11mm×15mm×3.0tmm
- Fitted with leads to enable easy fixing within an application.
- Suitable for mobile phones, PDAs and Bluetooth products.



### Piezo Buzzers:

#### ABT-466-RC, ABT-467-RC & ABT-468-RC

- Three 9V buzzers, 40mm diameter
- Very loud at 110dB
- Suitable for panel alarms, access and security applications.
- The ABT-466-RC and ABT-467-RC have a feedback option and can be run using either DC or AC voltage. If using a square wave (AC), the feedback pin or lead does not need to be connected. The feedback line on a transducer is used to create a voltage which in turn creates a simple, self-oscillating circuit. A reference circuit is provided on the data sheets. This enables the optimum sound levels to be produced.



#### ABT-469-RC

- 12VDC piezo transducer fitted with feedback lead.
- The buzzer is supplied with mounting adhesive and leads fitted with connector for easy fitting.
- Loud buzzer – minimum of 105dB at 10cm



#### ABT-470-RC

- 12Vp-p piezo transducer fitted with 100mm leads.
- 30mm diameter
- Sound output is a minimum of 110dB
- Suitable for a variety of applications which need a loud but relatively small alarm device.



#### ABI-058-RC

- Compact piezo buzzer with internal drive circuit
- 15mm dia with 7.6mm pin spacing
- Voltage range is 1-18VDC, frequency 4000Hz
- Relatively high sound output for its size – 85dB



For more information, please visit our website at [www.abcomponents.co.uk](http://www.abcomponents.co.uk).  
Download the product data sheets and request a sample and quotation.  
Alternatively, call 01258 456360 or email [sales@abcomponents.co.uk](mailto:sales@abcomponents.co.uk)