

ABC Extends Condenser Microphones Range

Electret Condenser Microphones (ECMs) are a common type of microphone widely used in consumer electronics, communication devices, and measurement applications.

The Internet of Things and AI has led to a rise in the use of microphone and miniature speaker products. Applications using this technology all need a speech function so with this in mind, we have extended our range of electret microphones and miniature speakers. In this article, we concentrate on our new microphones. Working closely with our supplier, we have selected microphones which offer our customers greater choice and flexibility for existing and new designs.

IP67 Microphones – with an IP67 rating around the aperture



[Electret Microphone](#)

[Code: ABM-722-RC](#)

[4mm, omni-directional, -42dB, leads, IP67](#)



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Electret Microphone

Code: ABM-724-RC

6mm, omni-directional, -42dB, PCB Pins, IP67



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Electret Microphone

Code: ABM-725-RC

6mm, omni-directional, -42dB, leads & connector, IP67

Electret microphones with Leads & Connectors – we've increased the variety of component microphones that are fitted with wire leads and connectors. We find that these type of products enable easy connection and simplify their use in customer applications.



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[Electret Microphone](#)

[Code: ABM-723-RC](#)

[6mm, omni-directional, -24dB, leads & connector](#)



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Electret Microphone

Code: ABM-731-RC

9.7mm, omni directional, leads & connector



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Electret Microphone

Code: ABM-732-RC

9.7mm, omni directional, leads & connector



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Electret Microphone

Code: ABM-735-RC

9.7mm, omni directional, -38dB, wire leads

Microphones with Solder Terminals



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Electret Microphone

[Code: ABM-726-RC](#)

[6mm, noise cancelling, -42dB, solder terminals](#)



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[**Electret Microphone**](#)

[Code: ABM-727-RC](#)

[6mm, noise cancelling, -47dB, solder terminals](#)



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Electret Microphone

Code: ABM-729-RC

6mm, omni directional with solder pads



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Electret Microphone

Code: ABM-737-RC

9.7mm, omni directional, solder pads

Microphones with PCB Pins



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Electret Microphone

Code: ABM-724-RC

6mm, omni-directional, -42dB, PCB Pins, IP67



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Electret Microphone

Code: ABM-728-RC

6mm, omni directional with 10mm PCB pins.



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Electret Microphone

Code: ABM-730-RC

6mm, omni directional, PCB pins



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Electret Microphone

Code: ABM-733-RC

[9.7mm, omni directional, PCB pins](#)



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[Electret Microphone](#)

[Code: ABM-734-RC](#)

[9.7mm, omni directional, -38dB, PCB pins](#)



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[Electret Microphone](#)

[Code: ABM-736-RC](#)

[9.7mm, omni directional, -40dB, PCB pins](#)

The majority of our new microphones are omni-directional. The [ABM-726-RC](#) and [ABM-727-RC](#) are noise cancelling options.

Common Applications for Condenser Microphones

Smartphones, laptops, and tablets

Hearing aids

Voice recognition devices (e.g., smart assistants)

Sound level meters

Consumer audio gear (e.g., lavalier mics)

For more information on how an electret microphone works, click on the following link –

<https://www.abcomponents.co.uk/electret-condenser-microphones/>

To view our range and request a quotation, click here <https://www.abcomponents.co.uk/product-category/electret-microphones/>

Contact Us: 01258 456360 sales@abcomponents.co.uk