

Microphone Accessories

AM0069

Spherical Windscreens for 1/2" microphones

The AM0069 is a set of five open-cell-structure foam windscreens (90 mm diameter) for mounting on 1/2" microphones with standard protection grids when making acoustic measurements in windy or other airflow conditions. The AM0069 will reduce the bulk-speed of the airflow over the diaphragm of the microphone to a minimum without significantly influencing the acoustic-pressure fluctuations.

AM0071

Spherical Windscreens for 1/4" microphones

The AM0071 is a set of five open-cell-structure foam windscreens (90 mm diameter) for mounting on 1/4" microphones with standard protection grids when making acoustic measurements in windy or other airflow conditions. The AM0071 will reduce the bulk-speed of the airflow over the diaphragm of the microphone to a minimum without significantly influencing the acoustic-pressure fluctuations.

AM0363

Spherical Windscreens for 1" microphones

The AM0363 is a set of five open-cell-structure foam windscreens (90 mm diameter) for mounting on 1" microphones with standard protection grids when making acoustic measurements in windy or other airflow conditions. The AM0363 will reduce the bulk-speed of the airflow over the diaphragm of the microphone to a minimum without significantly influencing the acoustic-pressure fluctuations.

AM0364

Spherical Windscreens for array microphones

The AM0364 is a set of six open-cell-structure foam windscreens (40 mm diameter) for mounting on G.R.A.S. array microphones Types 40PR and 40PQ when making acoustic measurements in windy or other airflow conditions. The AM0364 will reduce the bulk-speed of the airflow over the diaphragm of the microphone to a minimum without significantly influencing the acoustic-pressure fluctuations.

RA0001

Right-angled (90°) Adapter for 1/2" microphone and 1/4" preamplifier

The RA0001 is a right-angled adapter for using a 1/2" microphone with a 1/4" preamplifier. It can be used with any standard 1/2" microphone and 1/4" preamplifier such as the Type 26AC. The RA0001 could be useful in situations where the microphone has to be flush mounted on a wall.

RA0003

Adapter for 1/2" microphone and 1/4" preamplifier

The RA0003 is an adapter for using a 1/2" microphone with a 1/4" preamplifier. It can be used with any standard 1/2" microphone and 1/4" preamplifier such as the Type 26AC.

RA0006

Right-angled (90°) Adapter for 1/4" Microphone and 1/4" Preamplifier

The RA0006 is a right-angled adapter for using a 1/4" microphone with a 1/4" preamplifier. It can be used with any standard 1/4" microphone and 1/4" preamplifier such as the Type 26AC.

RA0016

20 dB Attenuator for externally-polarised 1/2" microphones

The RA0016 is a 20 dB attenuator for inserting between a 1/2" microphone and preamplifier. It will attenuate the output signal of the microphone by 20 dB in order to avoid overloading the preamplifier. The RA0016 is useful when measuring very high sound pressure levels using a preamplifier with limited dynamic range.

The RA0016 will work properly only with externally-polarised microphones. For prepolarised microphones, use the RA0018.

RA0017

Adapter for 1" microphone and 1/2" preamplifier

The RA0017 is an adapter for using a 1" microphone

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with a ½" preamplifier. It can be used with any standard 1" microphone and ½" preamplifier such as the Type 26AK.

RA0018

20dB Attenuator for prepolarised ½" microphones

RA0018 is a 20dB attenuator for inserting between a ½" prepolarised microphone and preamplifier. It will attenuate the output signal of the microphone by 20dB in order to avoid overloading of the preamplifier. The RA0018 is useful when measuring very high sound pressure levels using a preamplifier with limited dynamic range. It can also be used with a G.R.A.S. CCP* preamplifier.

The RA0018 will work properly only with prepolarised microphones. For externally-polarised microphones, use the RA0016.

RA0019

Adapter for ¼" microphone and ½" preamplifier

The RA0019 is an adapter for using a ¼" microphone with a ½" preamplifier. Its influence on the acoustic field is minimal. To reduce attenuation of the microphone signal, the guard ring of the preamplifier is extended through the RA0019.

RA0020

½" Nosecone

The RA0020 is a ½" Nosecone for replacing the



standard protection grid of a ½" microphone when making acoustic measurements in laminar airflow. The tip of the RA0020 should be pointed upstream

to reduce turbulence around the microphone and any attendant induced noise which might otherwise reach the diaphragm of the microphone.

RA0020-A

½" Nosecone

Similar to RA0020 but made of aluminium for lightness.

RA0022

¼" Nosecone

The RA0022 is a ¼" Nosecone for replacing the



standard protection grid of a ¼" microphone when making acoustic measurements in laminar airflow. The tip of the RA0022 should be pointed upstream to reduce turbulence around the microphone and any attendant induced noise which might otherwise reach the diaphragm of the microphone.

RA0063

Adapter for ⅛" microphone and ¼" preamplifier



The RA0063 is an adapter for using a ⅛" microphone with a ¼" preamplifier. It can be used with any standard ⅛" microphone and ¼" preamplifier such as the Type 26AC.

RA0067

Transmitter Adapter for ½" microphones

The RA0067 enables a prepolarised ½" microphone (typically a G.R.A.S. Type 40AD) to be used as a high-impedance sound source. It takes a calibration signal directly from a signal generator. This makes the microphone behave like an electrostatic loudspeaker which, in a coupler, has a frequency

* CCP stands for Constant Current Power and describes G.R.A.S. power supplies that maintain a constant level of current for driving IEPE transducers such as G.R.A.S. CCP preamplifiers.

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response as good as when behaving like a microphone. It can also be used with externally- polarised microphones when used with Actuator Supply Type 14AA which superimposes + 200 VDC polarisation on the calibration signal. The RA0067 has a BNC connector.

RA0068

Transmitter Adapter for 1/2" microphones

The RA0068 enables an externally-polarised 1/2" microphone (typically a G.R.A.S. Type 40AP) to be used as a high-impedance sound source. It requires a calibration signal as well as a polarisation voltage of +200V. This makes the microphone behave like an electrostatic loudspeaker which, in a coupler, has a frequency response as good as when behaving like a microphone. The RA0068 has a 7-pin LEMO connector and 3m cable.

RA0073

Adapter for 1" microphone and 1/2" preamplifier



The RA0073 is an adapter for using a 1" microphone with a 1/2" preamplifier.

The influence of the RA0073 on the acoustic field is minimal.

RA0086

Transmitter Adapter for 1/4" microphones

The RA0086 is similar to the RA0067 but is used with a 1/4" externally polarised microphone (typically a G.R.A.S. Type 40BD) which can then be used as a high-impedance sound source, e.g. when calibrating an acoustic coupler such as the G.R.A.S. RA0045. The RA0086 has a microdot connector.

RA0092

Rain-protection Cap for array microphones



The RA0092 is for use with G.R.A.S. array microphones Types 40PR and 40PQ.

G.R.A.S.
Sound & Vibration

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