



DPA 2061 Miniature Omnidirectional Microphone

A professional miniature microphone that captures voice with high clarity and consistency.



PRODUCT SPECIFICATION

Key Selling Points

- Best-in-class speech intelligibility based on clear, natural DPA sound
- Robust mechanical construction for long-lasting performance
- Advanced sweat-repelling capabilities ensure uninterrupted operation
- IP57 certification for prolonged life when exposed to water, dust & makeup
- Available with fixed connectors compatible with 3-pin LEMO, TA4F and Mini-Jack
- Available in multiple colors – black, white, beige and brown
- Fast, secure mounting with included clip (black and white variants)

Delivery includes

Brown/Beige

1x 2061 Miniature Omnidirectional Microphone

Black/White

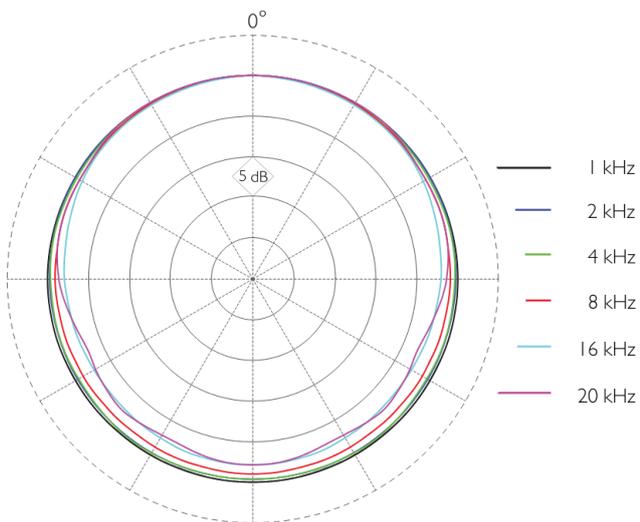
1x 2061 Miniature Omnidirectional Microphone

1x SCM0035 Lavalier Microphone Clip

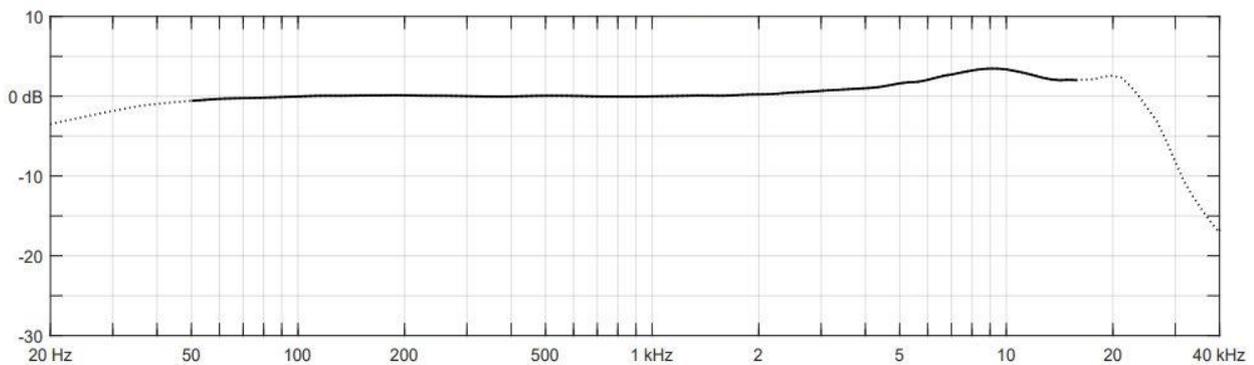
1x Windscreen



Polar pattern



Frequency response



Typical DPA 2061 response: **Effective frequency range** ± 3 dB from 50 Hz - 16 kHz with a smooth 3 dB soft boost at 8 kHz – 16 kHz

Specification

| | 2061 |
|---|--|
| Directional pattern | Omnidirectional |
| Principle of operation | Pressure |
| Cartridge type | Pre-polarized condenser |
| Frequency response | 20 Hz – 20 kHz |
| Effective frequency range | 50 Hz -16 kHz, 3 dB soft boost at 8 kHz - 16 kHz; ± 3 dB |
| Sensitivity, nominal, ± 3 dB at 1 kHz | 6 mV/Pa; -44 dB re. 1 V/Pa |
| Equivalent noise level, A-weighted | Typ. 26 dB(A) re. 20 μ Pa |
| Distortion, THD < 1% | 125 dB SPL RMS, 128 dB SPL peak |
| Dynamic range | Typ. 102 dB |
| Max. SPL, THD 10% | 137 dB SPL peak |
| Rated output impedance | 112 Ω @1kHz |
| Power supply (for full performance) | For wireless systems: Min. 5 V - max. 10 V |
| Current consumption | Typ. 0.6 mA |
| Connector | TA4F Mini-XLR, 3-pin LEMO, Mini-Jack |
| Color | Black, beige, brown or white |
| Weight | 10 g (0,35 oz) incl. cable and 3-pin LEMO connector |
| Microphone diameter | 5.5 mm (0.22 in) |
| Microphone length | 9.7 mm (0.38 in) |
| Cable length | 1.5 m (4.9 ft) |
| Polarity | +V at output for positive sound pressure |
| Temperature range (for on-spec operation) | -40°C to 45°C (-40°F to 113°F) |
| Relative humidity (RH) | Up to 90% |
| Modularity | Fixed cap. Fixed connectors |

Available accessories

| Product ID | Product Description | Product Image |
|---|--|---|
| SCM0035-B | Lavalier Microphone Clip, Black |  |
| SCM0035-W | Lavalier Microphone Clip, White | |
| DUA0593-B | Mic Mount for SCM0035, Black, 5pcs |  |
| DUA0593-W | Mic Mount for SCM0035, White, 5pcs | |
| SCM0030-B | 8-Way Clip for Lavalier Microphone, Black |  |
| SCM0030-W | 8-Way Clip for Lavalier Microphone, White | |
| SCM0034-B | 8-Way Double Clip for Lavalier Microphone, Black |  |
| DMM0007 | Universal Surface Mount for Lavalier Microphone |  |
| DMM0003-B | Magnetic Lavalier Microphone Holder, Black |  |
| DMM0011-B | Magnet Mount for Lavalier Microphone |  |
| DUA0560 | Miniature Foam <u>Windscreen</u> , Black, 5 pcs |  |
| DUA0566 | Miniature Foam <u>Windscreen</u> , White, 5 pcs | |
| DUA0567 | Miniature Foam <u>Windscreen</u> , Beige, 5 pcs | |
| DUA0568 | Miniature Foam <u>Windscreen</u> , Brown, 5 pcs | |
| DUA0591 | Makeup Cover, Red, 5 pcs |  |
| AIR1-BLACK-L AIR1-BROWNL AIR1-BEIGE-L AIR1-WHITE-L AIR1-OFFWHITE-L AIR1-GRAY-L | Universal Miniature Fur <u>Windscreen</u> , Large, 2 pcs |  |

INSTRUCTION MANUAL

Important safety instructions

1. Only use attachments, accessories and spare parts recommended by DPA Microphones.
2. Connect the microphone only to microphone inputs and power supplies that provide 48 V phantom power.
3. Avoid opening the product housing yourself. Opening the device will void the warranty.
4. Service should only be performed by qualified personnel. Servicing is necessary if the product has sustained damage, is not functioning normally, or has been dropped.
5. Operate the product only under the usage conditions listed in the specifications.
6. Allow the product to reach ambient temperature before switching it on.
7. Do not use the product if it was damaged during transportation.
8. Keep the product and its connections away from liquids and electrically conductive objects that are not necessary for operating the product.
9. Avoid using solvents or aggressive cleaning agents to clean the device.

Intended use

This product is suitable for both indoor and outdoor applications, including commercial use. Suitable for vocal transmission and close-up miking.

Designed as a versatile microphone for capturing the human voice, 2061 remains neutral to placement, allowing engineers to shape its response through EQ.

For further information please visit our Mic University: Facts about speech intelligibility
<https://www.dpamicrophones.com/mic-university/facts-about-speech-intelligibility>

Any use outside the recommended applications is considered improper and may result in damage. DPA does not accept liability for any damage resulting from misuse of this product or its accessories.

Cleaning

Our miniature microphones are built to last - and to sound their absolute best from day one and onwards. However, cleaning your mic sometimes is a good idea. Just make certain that you do it gently and follow the below steps carefully

To clean the 2061, rinse it in demineralized water, and wipe it gently with a damp cloth. To clean these mics properly, all foam windscreens should be removed. This allows for a proper rinse and for the water to evaporate fully when drying out. No cleaning fluids should be used - you will only need demineralized water.



Afterwards, leave the microphone to dry for 72 hours (about 3 days) before reuse. Some germs die at elevated temperatures, and it is possible to leave the mics in the oven at 60°C (140° F) for an hour (please note, this will age the microphone slightly).

To disinfect the 2061, use a cloth moistened sparingly with an isopropyl alcohol and water solution* to wipe them down on their surface. This also applies to headsets, clips, booms, grids and adapters.

You can also use UV-C radiation to disinfect the 2061 microphones. If you use this solution, please use a DUA0591 Makeup Cover to protect 2061.

Please note that UVGI (ultraviolet germicidal irradiation) disinfection depends upon line-of-sight, which means that the microphone head must be otherwise disinfected by e.g., wiping it off with an isopropyl alcohol solution as described above.

* Pure isopropyl alcohol evaporates too quickly on surfaces to kill germs. By adding 20% water, its disinfectant properties will be extended for enough time to work properly.

Read more about cleaning microphones: <https://www.dpamicrophones.com/mic-university/proper-mic-hygiene>

Warranty

The 2017 Shotgun Microphone comes with 2 years' limited warranty.

Read more about DPA's warranty terms: <https://www.dpamicrophones.com/warranty>

RoHS Directive

DPA Microphones A/S complies fully with Directive 2011/65/EC on the Restriction of Hazardous Materials (RoHS). That is, DPA Microphones A/S confirms that all products supplied from us after July 1, 2006 will meet the requirements of the RoHS directive.

All necessary dispositions have been taken in relation with our suppliers to ensure that constitutive materials do not include any substance forbidden by the regulation currently applicable on the market. Our main efforts have been to ensure that all soldering spots are made leadless, but also all components have been screened and substituted when required.

This means that all DPA products sold after July 1, 2006 are fully compliant with the RoHS directive with the exception of:

- High-voltage Microphone Amplifier & Power Supply type HMA 4000-II that may no longer be sold (or given) in areas or countries, where the RoHS directive 2011/65/EC applies.

WEEE Directive

DPA Microphones A/S complies fully with Directive 2012/19/EC on the Waste from Electrical and Electronic Equipment (WEEE). That is, from Jan. 1, 2006 all DPA products that need to be recycled or handled separately are marked with the WEEE label in accordance with the directive. DPA Microphones A/S is prepared to accept scrapped equipment from customers and sort them for later waste disposal. Since not all equipment is marked with a serial number, it has been decided to accept all earlier sold equipment for waste disposal.

Please observe that although DPA is accepting used equipment for service that may later be scrapped, it is a national obligation to fulfill the requirements of the WEEE directive. It is not legal to ship waste products across borders for disposal.

Thus, national distributors are obliged to register in accordance with their national legislation. And, as the interpretation of the directive may vary slightly from one area or country to another for which the directive applies, it will be up to the national distributors to accept waste equipment from end users and dispose it according to the national laws.

Since the amount (and weight) of waste DPA products is extremely sparse, it is recommended to register on an individual basis.