

DK7 GEN 2

7-PIECE

DRUM MICROPHONE KIT

EARTHWORKS AUDIO

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For more information, please visit
earthworksaudio.com or call 1-603-654-2433.

Thank you for purchasing the Earthworks DK7 Gen 2 Drum Microphone Kit

YOUR PURCHASE INCLUDES

4 DM20 Gen 2 Microphones
2 SR25 Gen 2 Microphones
1 DM6
4 RM2 Rim Mounts
3 Microphone Clips
7 Microphone Bags
6 Foam Windscreens
1 Custom SKB Case

GETTING STARTED

The DK7 is a condenser microphone kit with active electronics. This means:

- Its output level will be naturally higher than many of the dynamic microphones that it may be replacing. It is not uncommon to need to reduce gain if you were previously using a dynamic microphone.
- You will need to engage phantom power on your interface or preamp. Pro Tip: It's always a good idea to plug in a condenser microphone while phantom power is off and the channel is muted. After engaging phantom power, give the microphone a short time to settle before unmuting.

For the SR25s, complete the setup by placing them with their respective clips on a microphone stand.

For the DM6, simply mount its attached ball mount onto a mic stand of your choosing.

For the DM20s, there are some additional steps:

SETTING UP THE DM20

Insert the DM20 Microphone into the RM2 Rim Mount

Place the mic head and the gooseneck into the rubber holder from the bottom of the Rim Mount. Push on the body of the microphone from the bottom (XLR connector end) to move the microphone up inside the rubber holder. The fit will be firm, so you will need to apply a little pressure to move the microphone body up until it stops naturally at the logo ring.

The RM2 is designed specifically for the DM20 allowing you to mount the microphone on the side of a tom or snare. The RM2 can also be used on the top or bottom of a tom or snare. It is suggested that you insert the DM20 microphone into the RM2 Rim Mount prior to attaching the Rim Mount to the drum.

Mount the RM2 Rim Mount to the Drum

Place the mic head and the gooseneck into the rubber holder from the bottom of the Rim Mount. Push on the body of the microphone from the bottom (XLR connector end) to move the microphone up inside the rubber holder. The fit will be firm, so you will need to apply a little pressure to move the microphone body up until it stops naturally at the logo ring.

Tune It

Once the RimMount™ is mounted securely on the drum rim with the DM20 microphone housed in the rubber holder, the microphone body can be moved either up or down in the rubber holder to provide the desired height. Then the gooseneck will provide a good amount of latitude in positioning the microphone head from any microphone body height.

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SETTING UP THE DM20 (CONTINUED)

Once the DM20 microphone height has been set, you can position the microphone head. It is suggested that the microphone head be positioned between 1.5 inches and 3 inches above the drumhead. The flexible gooseneck will allow you to move the microphone head either up or down above the drumhead as well as in and out from the drum rim. Move the microphone head to best capture the intended drum sound. (Keep in mind that the microphone head should never be placed parallel to the drumhead, but should always be at an angle to the drumhead.)

Finally, once you are getting signal into your preferred digital audio workstation, listen with no EQ and then dial in according to taste.

TROUBLESHOOTING

If you encounter issues while using your Earthworks Audio microphones, please make sure that:

- Your microphones are connected to an active power supply.
- Phantom power is being supplied to the microphones.
- Your microphones and XLR cables are well connected.
- The microphones are positioned at an appropriate distance from the sound source.
- External noise in your recording environment is kept to a minimum.
- Your recording space is at room temperature and free of dust.

If your issue persists after checking, please contact us via our website.

GENERAL TIPS FOR USING THE DM6

Because of its active electronics, the DM6 may behave differently than your last microphone, especially if your last microphone was a dynamic.

Whenever you use the DM6, set yourself up for success by following these steps.

Before connecting the mic:

- Mute the channel you'll be plugging it into
- Make sure phantom power is switched OFF.

After connecting the mic:

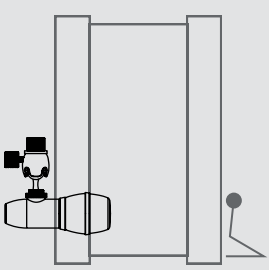
- Switch phantom power ON
- Un-mute the channel
- Then adjust preamp gain, EQ and other settings as desired.

Before disconnecting the mic:

- Mute the channel
- Switch phantom power OFF.

TIPS FOR PLACEMENT

To get the best sound right out of the box, place the DM6 just inside the bass drum's port. Align the mid-band of the windscreen with the head of the drum and feel free to adjust slightly to taste.



The DM6 was designed to sound phenomenal right out of the box for whenever you have absolutely zero set-up time. When you have time to add creative EQ and dynamics, the DM6 will take whatever you give it.

DM20 GEN 2 SPECIFICATIONS

Frequency Response
20Hz to 20kHz

Polar Pattern
Cardioid

Sensitivity
-51 dBV/Pa (2.8 mV/Pa)

Power Requirements
48V, 6mA

Peak Acoustic Input
157dB SPL

Output
XLR

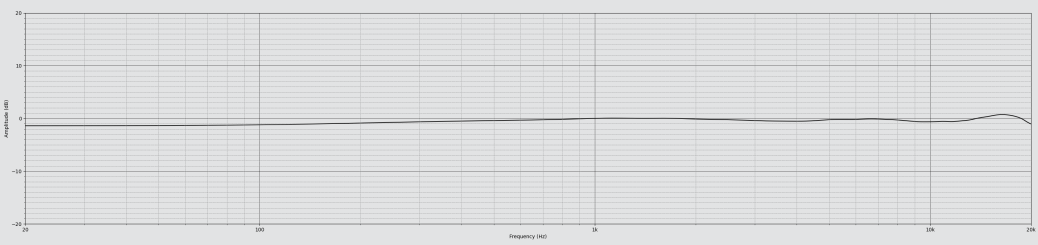
Minimum Load Impedance
1000 Ohms

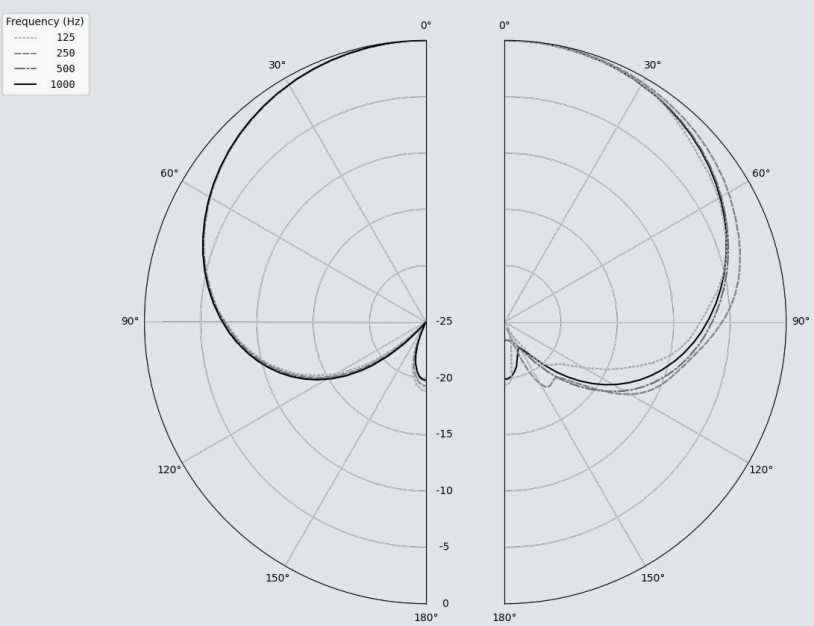
Noise
20 dBSPL (A-Weighted)

Dimensions L x D
8 in x 0.860 in / 203.2 mm x 21.84 mm

Gooseneck L & D
3.5 in x 0.375 in / 88.9 mm x 9.53 mm

Weight
0.40 lbs / 0.18 Kg





SR25mp GEN 2 SPECIFICATIONS

Frequency Response
20Hz - 25kHz

Polar Pattern
Supercardioid

Sensitivity
-36 dBV/Pa (15.8 mV/Pa)

Power Requirements
48V, 6mA

Peak Acoustic Input
148dB SPL

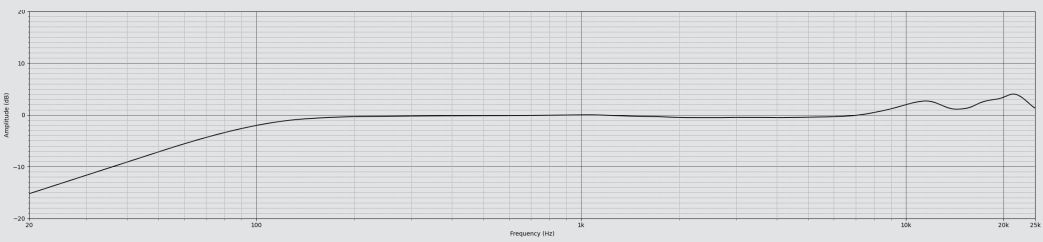
Output
XLR

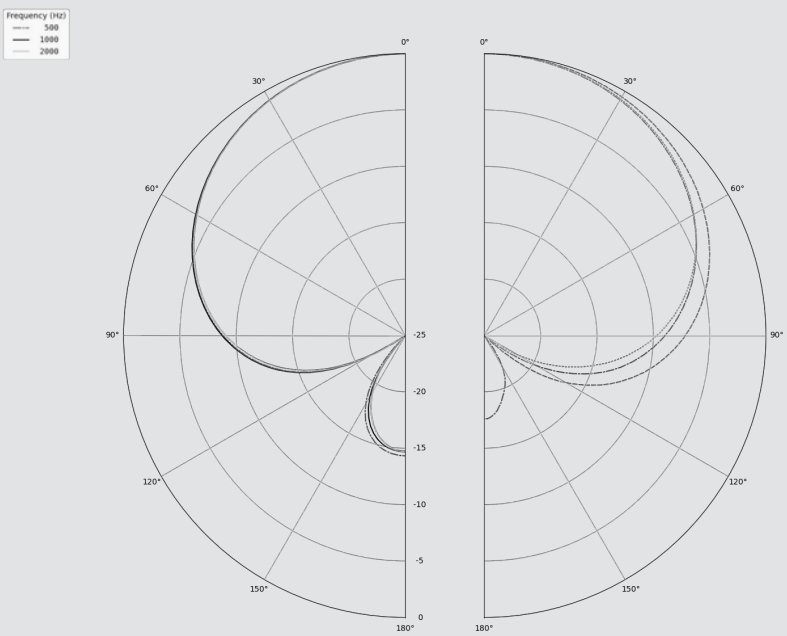
Minimum Load Impedance
1000 Ohms

Noise
20 dBSPL (A-Weighted)

Dimensions
4.14 in x 0.860 in / 105.15 mm x 21.84 mm

Weight
0.25 lbs / 0.10 Kg each





DM6 SPECIFICATIONS

Frequency Response
20Hz - 20kHz

Polar Pattern
Supercardioid

Sensitivity
1 mV/Pa (-60 dBV/Pa)

Power Requirements
48V, 6.5mA

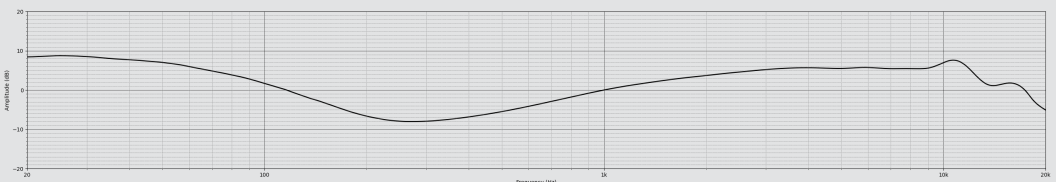
Peak Acoustic Input
150 dBSPL

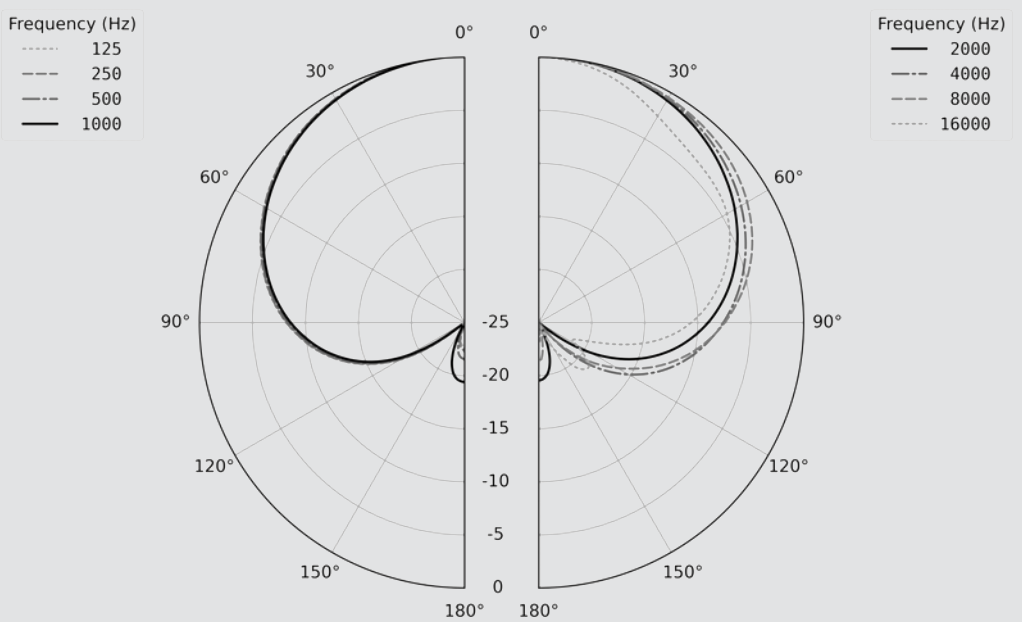
Output
XLR-3

Minimum Output Load
1kΩ

Dimensions
4.97" x 1.93" (Includes windscreen, does not include width of M2-R)

Weight
DM6 Only: 0.85 lbs (0.38 Kgs)
With M2-R Attached: 1.25 lbs (0.58 Kgs)





IMPORTANT NOTICES

The specifications listed are for the DK7 Gen 2. If you have the DK7 Gen 1, please refer to the Gen 1 user guide on our website.

Some sensitive audio interfaces and microphone preamps without pads may not be able to handle the high signal levels that occur when close-miking drums with Earthworks microphones. The solution is to use an external inline pad such between the microphone and the interface.

The small tip on many of our microphones allows them to capture the highest frequencies of your sound. Please be gentle and considerate when handling the microphones with these tips.

COMPLIANCE REQUIREMENTS

Hereby, Earthworks Inc. declares that this product has been determined to be in compliance with UKCA requirements.

The full text of the UK declaration of conformity is available at the following site:

https://earthworksaudio.com/support/documents/uk

Hereby, Earthworks Inc. declares that this product has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site:

https://earthworksaudio.com/support/documents/eu

WARRANTY

All Earthworks® products carry a limited warranty (parts and labor). Please register your warranty at: **earthworksaudio.com/register**. If you have any problems with your Earthworks products, please contact our warranty/repair department by email at: **service@earthworksaudio.com.**

NOTE

This warranty only applies to Earthworks microphones purchased brand new. For microphones purchased/received second-hand, please contact us via our website.

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37 Wilton Rd. Milford, NH 03055
info@earthworksaudio.com
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