

Introduction

The Vocaster DM1 is a dynamic microphone tuned for recording close-proximity studio-quality voices. We've optimised the frequency response for voice recording for podcasts, broadcasts, and streaming.

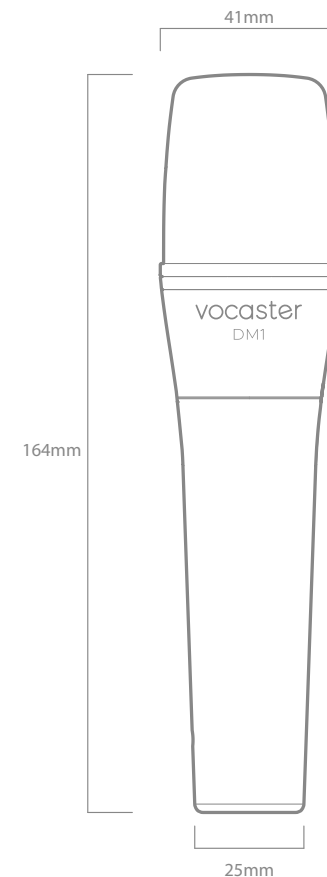
The Vocaster DM1 includes:

- A built-in grille and pop filter
- A microphone stand clip
- A cardioid polar pickup pattern.

The Vocaster DM1's cardioid pickup pattern (See "Polar Pattern" on page 3), its dynamic capsule, and built-in grille mean you can record anywhere and capture studio-quality voice recordings.

While we recommend you mount your Vocaster DM1 on a stand using the included microphone stand clip, it's designed for rumble free recording so you can use the microphone hand-held for on-the-go recording.

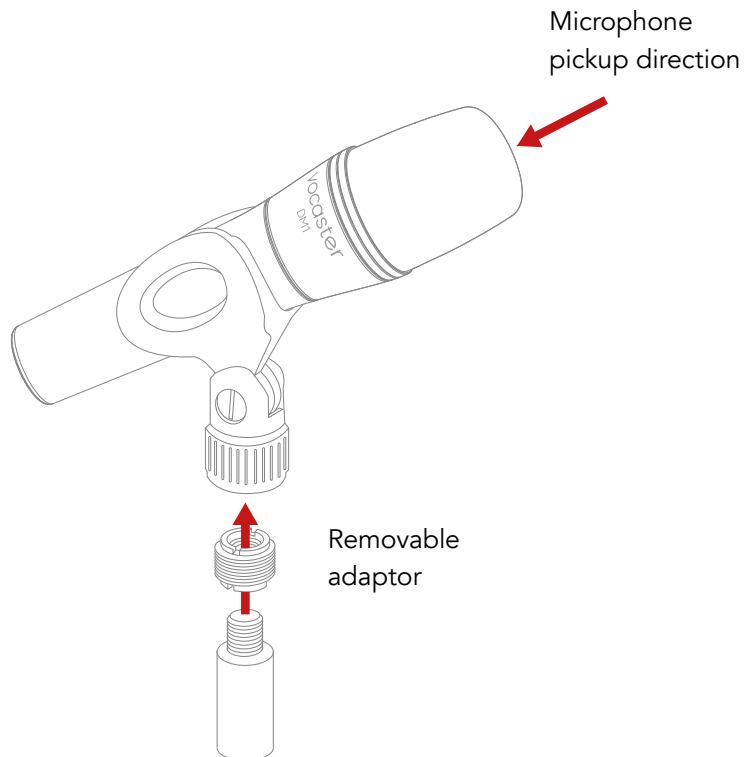
Dimensions



Setup

Using DM1 with a microphone stand

The Vocaster DM1 includes a microphone stand clip and a microphone stand thread adaptor (inside the microphone stand clip). Microphone stand mounts come in two standard screw sizes. The Vocaster DM1 mic clip has a removable adaptor you can insert or remove to fit your microphone stand.



Vocaster DM1 FAQs

Does the Vocaster DM1 need 48V (Phantom Power)?

No, the Vocaster DM1 is a dynamic moving coil microphone. This type of microphone doesn't need power to work.

Will the Vocaster DM1 be damaged by 48V (Phantom power)?

No, the Vocaster DM1 will not be damaged if you send it 48V accidentally, or if you need to enable 48V for all channels on your interface.

How far should I be from the microphone?

Speaking close to the microphone reduces the effect of the room's acoustics, but increases the bass response. This can be good for some voices but for a more natural sound, move away from the microphone slightly, about the length of a fist (10-15 cm).

If the room you're using doesn't sound good, the further you are from the microphone, the more you'll hear the room sound when you listen to the recording. Natural room reverberation is neither good or bad, but often inappropriate for voice recordings.

The microphone is quiet or sounds strange?

Make sure you're speaking into the end of the microphone (see diagram), if the microphone is still too quiet, try increasing the gain on your interface, speaking louder, or getting closer to the microphone.

Can I use an XLR to jack cable with my microphone?

The Vocaster DM1 is designed for use with an XLR cable. An XLR to jack cable might work but it's likely to sound worse or not work.

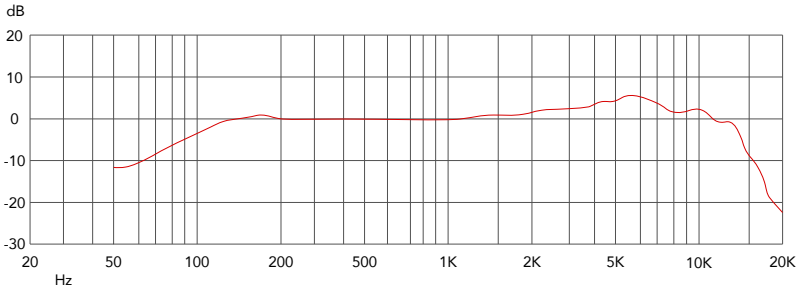
Specifications

Technical Specifications

Capsule	
Type	Dynamic (Moving Coil)
Polar Pattern	Cardioid
Performance	
Sensitivity (0dB = 1V/Pa at 1kHz)	-53dB ±3dB
Frequency Response	50Hz - 14kHz
Impedance (@1kHz)	19Ω ±20%
Physical Characteristics	
Mounting	Standard 5/8"; 3/8" adaptor supplied
Net Weight	405g (14.28 oz)
Body Dimensions	Diameter 41mm
	Length 164mm
Finish	Matte Black/Red Trim
Output Connector	3-Pin XLR, balanced output
	Pin 1 (Ground), Pin 2 (+), Pin 3 (-)

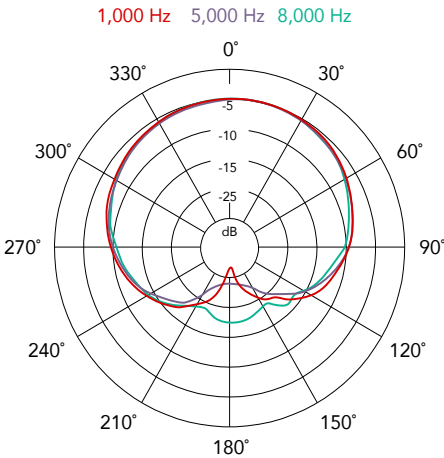
Frequency Response

A microphones frequency response chart shows how sensitive a microphone is across the audible frequency range for human hearing. We've designed Vocaster DM1's frequency response for studio-quality voice recordings.



Polar Pattern

The polar pattern shows how sensitive the microphone is in the areas around the microphone. The angle 0° refers to speaking into the end of the Vocaster DM1.



Accessories and Spare Parts

To get spares or support for your Vocaster DM1 please either contact our Spares & Support teams, or speak to your local distributor:

Contact our Spares Team: [support.focusrite.com](mailto:support@focusrite.com)

Contact your local distributor: [stockists.focusrite.com](mailto:stockists@focusrite.com)

