



4041-SP Omni Large Diaphragm Microphone

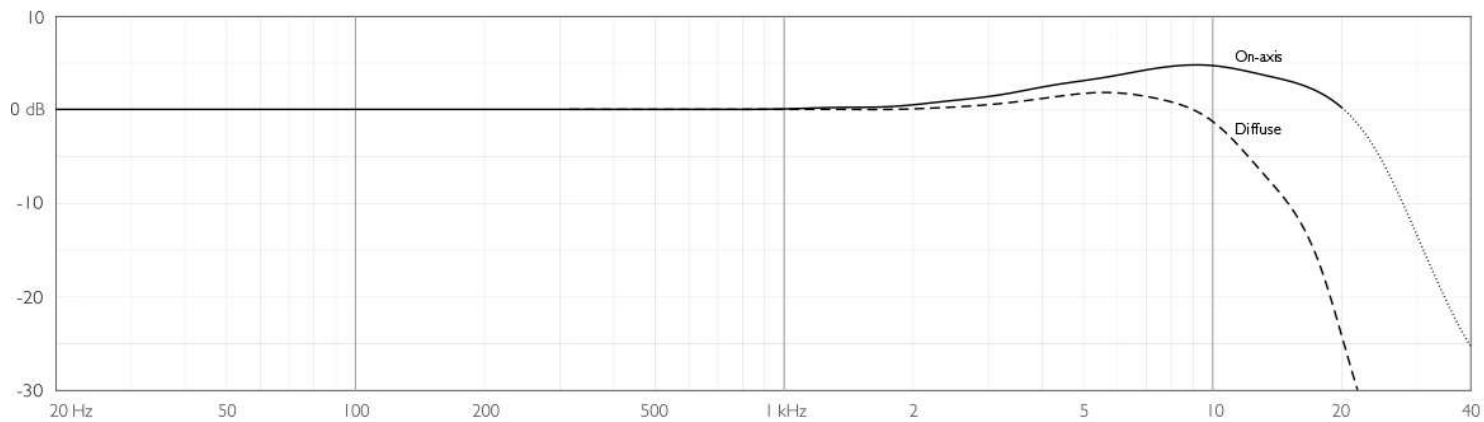
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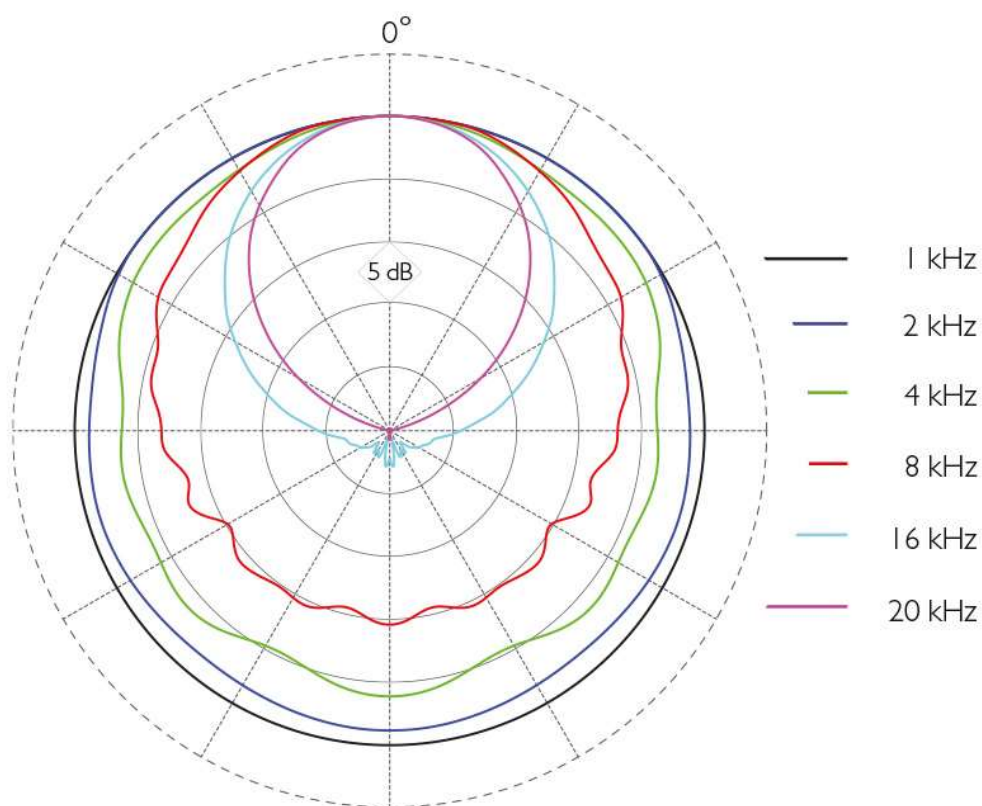
Specifications

|                                      |                                                  |
|--------------------------------------|--------------------------------------------------|
| Directional pattern                  | Omnidirectional                                  |
| Principle of operation               | Pressure                                         |
| Cartridge type                       | Condenser w. stainless steel diaphragm           |
| Frequency response                   | 20 Hz - 20 kHz                                   |
| Effective frequency range $\pm 2$ dB | 20 Hz - 20 kHz with 4 - 6 dB soft boost at 8 kHz |

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| <b>Sensitivity, nominal, ±2 dB at 250 Hz</b>  | 70 mV/Pa; -23 dB re. 1 V/Pa     |
| <b>Equivalent noise level, A-weighted</b>     | Max. 8 dB(A) re. 20 µPa         |
| <b>Equivalent noise level, ITU-R BS.468-4</b> | Max. 20 dB                      |
| <b>Distortion, THD &lt; 1%</b>                | 123 dB SPL RMS, 126 dB SPL peak |
| <b>Dynamic range</b>                          | Typ. 118 dB                     |
| <b>Max. SPL, THD 10%</b>                      | 134 dB SPL peak                 |
| <b>Rated output impedance</b>                 | < 200 Ω                         |
| <b>Cable drive capability</b>                 | 100 m (328 ft)                  |
| <b>Power supply (for full performance)</b>    | Via external Power supply       |
| <b>Current consumption</b>                    | 2.2 mA                          |
| <b>Connector</b>                              | 3-pin XLR-M                     |
| <b>Weight</b>                                 | 190 g (6.7 oz)                  |
| <b>Capsule diameter</b>                       | 24 mm (1 in)                    |
| <b>Microphone length</b>                      | 170 mm (6.7 in)                 |
| <b>Temperature range</b>                      | -40°C to 45°C (-40°F to 113°F)  |
| <b>Relative humidity (RH)</b>                 | Up to 90%                       |



Typical on and off-axis response of a 4041-SP



Typical on and off-axis response of a 4041-SP