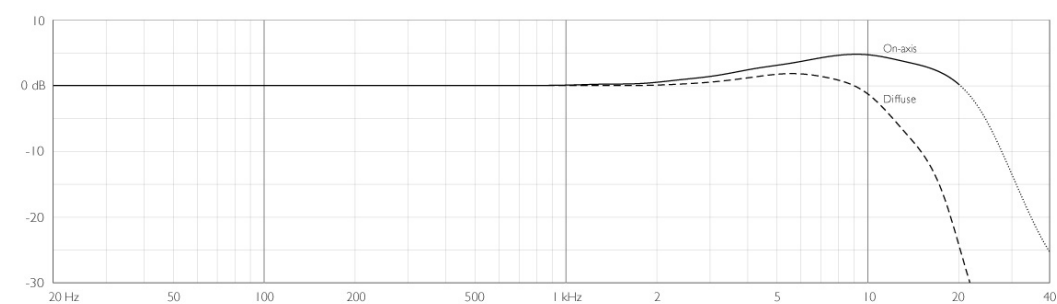


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- [4041-SP Solid State Preamplifier](#)

## Specifications

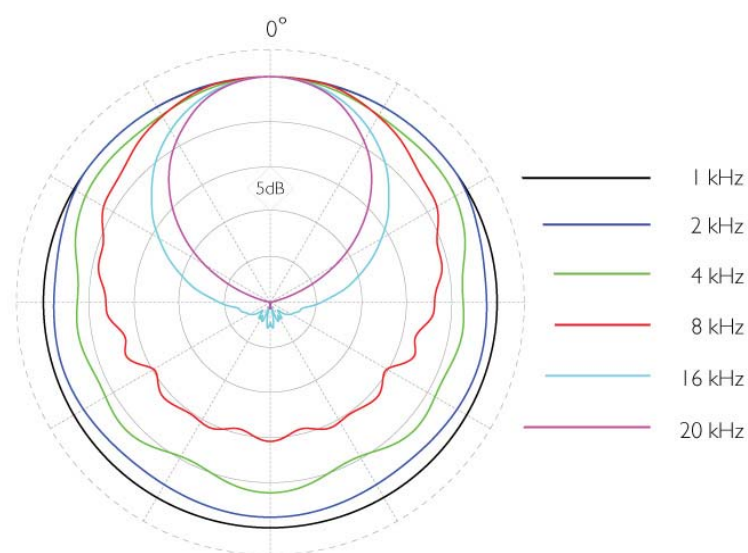
Directional pattern  
 Omnidirectional  
 Principle of operation  
 Pressure  
 Cartridge type  
 Condenser w. stainless steel diaphragm  
 Frequency range  
 20 Hz - 20 kHz  
 Frequency range,  $\pm 2$  dB  
 20 Hz - 20 kHz with 4 - 6 dB soft boost at 8 kHz  
 Sensitivity, nominal,  $\pm 2$  dB at 250 Hz  
 70 mV/Pa; -23 dB re. 1 V/Pa  
 Equivalent noise level, A-weighted  
 Max. 8 dB(A) re. 20  $\mu$ Pa  
 Equivalent noise level, ITU-R BS.468-4  
 Max. 20 dB  
 S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL)  
 86 dB(A)  
 Total harmonic distortion (THD)  
 < 0.5% THD up to 120 dB SPL peak, < 1% THD up to 126 dB SPL peak  
 Dynamic range  
 Typ. 118 dB  
 Max. SPL, peak before clipping  
 134 dB  
 Output impedance  
 < 200  $\Omega$   
 Cable drive capability  
 Up to 100 m (328 ft)  
 Power supply (for full performance)  
 Via external power supply  
 Current consumption  
 2.20 mA  
 Connector  
 3-pin XLR-M (Standard P48)  
 Weight  
 190 g (6.7 oz)  
 Capsule diameter  
 24 mm (1 in)  
 Microphone length  
 170 mm (6.7 in)  
 Temperature range  
 -40°C to 45°C (-40°F to 113°F)  
 Relative humidity (RH)  
 Up to 90%

# 4041-SP Frequency response



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

## Polar pattern



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