

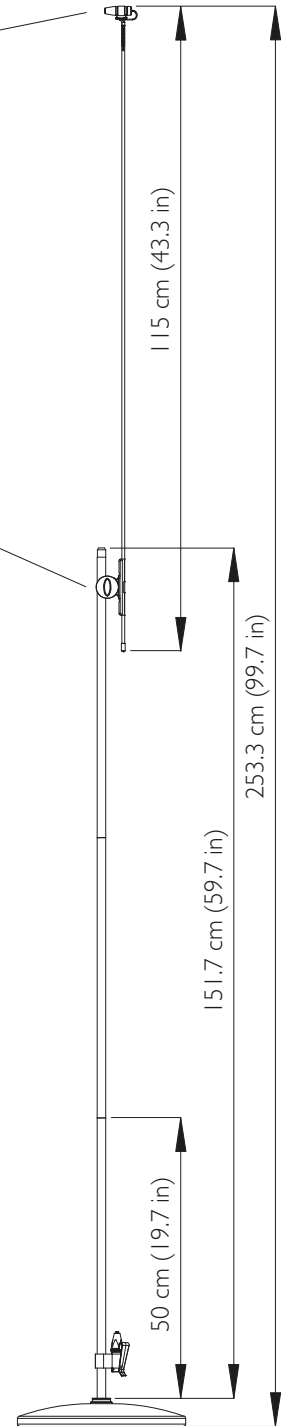
d:sign™

## 4097 CORE Supercardioid Choir Mic

The d:sign™ 4097 CORE Supercardioid Choir Mic will suit anyone looking for an unobtrusive, versatile and great sounding choir mic, such as House of Worship communities and live broadcast shows with choir or ensemble vocal performances.

An inconspicuous floor stand solution specifically designed to capture the natural sound of a choir, both on- and off-axis, the 4097 is unlike any Choir Mic available on the market. In addition to its fantastic sonic qualities, the 4097 incorporates three separate shock mounts in its design, ensuring a stable, secure solution.





## Specifications

### Directional characteristics

Supercardioid

### Frequency range

20 Hz - 20 kHz

### Frequency range, $\pm 2$ dB, 20 cm (7.9 in)

80 Hz - 15 kHz with 2 dB soft boost at 10 - 12 kHz

Second order low-cut filter at 80 Hz with DAD4099

### Sensitivity, nominal $\pm 3$ dB at 1 kHz

16 mV/Pa; -36 dB re. 1 V/Pa

### Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20  $\mu$ Pa (max. 26 dB(A))

### S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL)

71 dB

### Total harmonic distortion (THD)

< 1 % up to 133 dB SPL peak

### Dynamic range

Typ. 110 dB

### Max. SPL, peak before clipping

135 dB

### Connector

MicroDot (XLR via supplied DAD4099 adapter)

### Color

Black

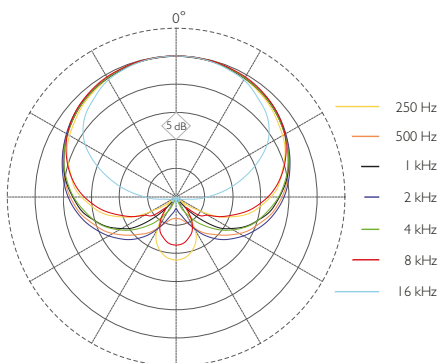
### Dimensions

Total weight: 5.5 kg (180 oz)

Floor Base weight: 4.1 kg (155 oz)

Maximum total height: 253.3 cm (99.7 in)

### Polar pattern



### Frequency response

Measured at 20 cm (7.9 in)

