

# AEA R44 SERIES

## SPECIFICATIONS



THE CLASSIC RIBBON MICROPHONE

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Operating Principle:	Pressure gradient transducer
Directional Pattern:	Bidirectional
Frequency Range:	<20 Hz to >20 kHz
Polarity:	Pin 2 high for positive pressure on front of microphone
Polar Response:	Native bidirectional, figure-of-8 pattern
Horizontal:	Up to 90 dB rejection at right angles to the front/back axis.
Vertical:	Level changes with angle of incidence, but frequency response is consistent.
Transducer Element Material:	
Thickness:	1.8 $\mu$ m
Width:	0.185 in (4.7 mm)
Length:	2.35 in (59.7 mm)
Microphone Dimensions:	
Height:	12.25 in (31.1 cm)
Width:	4.62 in (11.7 cm)
Depth:	3.25 in (8.3 cm)
Weight with cable:	7 lb 9 oz (3.43 kg)
Connector:	XLR-3M

## R44C/CE Passive Microphones

Maximum SPL:	165+ dB SPL (1% third harmonic > 1 kHz)
Sensitivity:	2.25 mV/Pa (-53 dBV) into unloaded circuit
Output Impedance:	270 $\Omega$ Broadband
Recommended Load Impedance:	1.2 K $\Omega$ or greater
Phantom Power:	Not required or recommended

## A440 Phantom-Powered Microphone

Maximum SPL:	136+ dB SPL (1% third harmonic > 1 kHz)
Sensitivity:	
Output Impedance:	30 mV/Pa (-33.5 dBV) into unloaded circuit
Recommended Load Impedance:	92 $\Omega$ Broadband
Phantom Power:	1.0 k $\Omega$ or greater P48 phantom power, 7 mA

## Accessories Included

Vertical case, user manual, captive 10" (3 meter) output cable with XLR-3M connector.





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