

# M23 23kHz omni

## Measurement Microphone



### HDM HIGH DEFINITION MICROPHONE™

The M23 is a cost effective reference microphone for SMART™, MLSSA™, Spectrafoo™, TEF™ & RTA and all “audio band” measurements. It has a flat frequency response, fast impulse response and exceptional polar characteristics. The M23 is an improved version of the SMARTMIC™ previously offered by EAW. Requires 48V Phantom Power

*Also available in matched pairs*

Other models in this series

M50

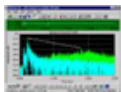
M30

M30BX

M23

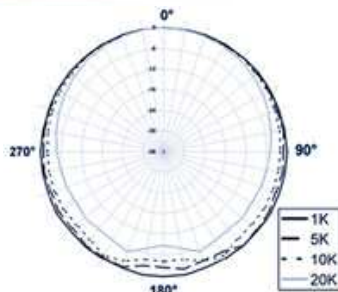


M23 matched pairs come in beautiful cherry wood boxes.

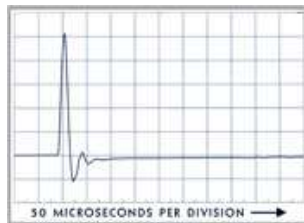


[Information on Electronic Calibration files](#)

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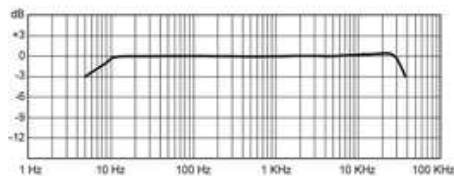
M23 Polar Pattern



M23 Impulse Chart

#### M23 SPECIFICATIONS

• Frequency response	9Hz to 23kHz $\pm 1/-3$ dB
• Polar pattern	Omnidirectional
• Sensitivity	30mV/Pa (-30.5dBV/PA)
• Power requirements	48V Phantom, 10mA
• Peak acoustic input	142dB SPL
• Output	XLR (PIN 2+)
• Minimum output load	600 $\Omega$ between pins 2&3
• Noise	22dB SPL equivalent (A weighted)
• Product dimensions L x D	165mm x 22mm (6.25 x .860 inches)
• Product weight	.35lb (160g) each
• Shipping dimensions L x W x H	14 x 8 x 6 inches (35cm x 20cm x 15cm)
• Shipping weight	3lb (1.36kg)
• Matched pair Shipping weight	4lb (1.81kg)



M23 Frequency Response Chart