

Earthworks QTC1

quiet time coherent omni

MICROPHONE SPECIFICATIONS

Frequency response on axis: ± 1 dB 4 Hz to 40 kHz,

Polar pattern: Omnidirectional

Sensitivity: 30 mV/Pa (-30.5 dBV/Pa)

Power requirements: 48V Phantom, 10mA

Max acoustic input: 142 db SPL with 5K ohm load

Peak output voltage: 3V into 1K ohm, 10V into 5K

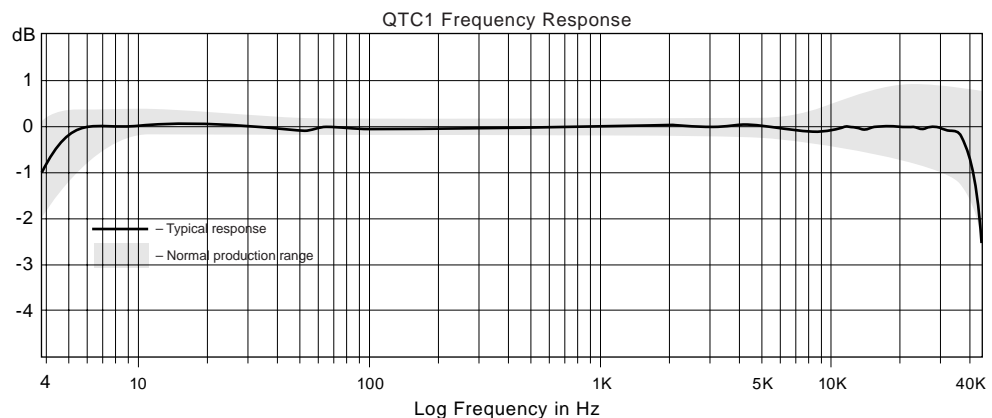
Output: XLR intended to drive a balanced input (Pin 2+)

Min output load: 600 ohms at pin 2 and pin 3

Noise: 22dB SPL equivalent (A weighted)

Dimensions (L x D): 229mm x 22mm (9 x .860 inches)

Weight: 225g (.5 lb)



Earthworks QTC1 provides flat, extended frequency response, superb impulse response, very high sensitivity and that great Earthworks sound with lower self noise. It is an extraordinarily accurate microphone, typically within ± 0.5 dB from 20Hz to 20kHz. More importantly, the QTC1's impulse response is the cleanest we have measured. Impulse information embedded within the tones of music is the detail needed to capture the experience of being there. Clean impulse performance allows the QTC1 to transduce wave forms exactly. The QTC1 provides a true and accurate representation of sonic events as they happened in the air, the experience of being there. Quiet, lifelike realism will be yours.

The QTC1 is wonderful for ambient miking but it is also great for close miking of quiet or delicate sources. The QTC1 will capture the full size and natural texture of many difficult and complex sources. This is an excellent choice for all applications where natural, uncolored pick up of sound is the desired result. The QTC1 is excellent for *Percussion, Piano, Guitar, Upright Bass, Strings, Vocals, Brass, Woodwinds, Location Recording of Classical, Jazz, Ethnic, Folk and Pop music. Also useful for Foley, ADR, Sound Effects and Sampling.*

A matched pair of QTC1s is second only to being there. If you prefer transparency to coloration, this is the microphone of your dreams! Listen! You will hear all of the sound.

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Earthworks Expanding the Experience of Sound

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