

overview

Audix introduces the first in a new series of test and recording microphones.

Enhancing Audix's reputation for delivering superior microphone performance at a very affordable price, the TR-40 is a 1/4-inch pre-polarized condenser with an omni-directional capsule. The TR-40 is ideally suited for miking group vocals, choirs, pianos, room ambience and can also be used as a "cost effective" measurement or calibration microphone.

As with other Audix mics, the new TR-40 sets a new standard in affordable performance.

highlights

- > Excellent sonic characteristics
- > Smooth, accurate response from 20Hz to 20kHz
- > Phase coherent response
- > Ultra-low noise floor
- > Precision machined brass housing finished in tough black E-coat
- > Able to handle extremely high SPL levels without distortion
- > Phantom power operation 9-52 volts
- > Gold plated XLR connector
- Available in matched pairs

HIGH QUALITY RECORDING MICROPHONE

CALL: 503-682-6933 FAX: 503-682-7114

www.audixusa.com

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TR-40





TR-40

HBEA101

The new Audix TR-40 employs a 1/4" pre-polarized condenser capsule with an omni-directional polar pattern to provide an ultra-smooth, linear frequency response from 20Hz to 20kHz. The flat linear response enables the TR40 to successfully capture the "room effect" without the need to resort to electonic processing.

This, along with the ease at which it handles high SPL's of over 140dB, makes the TR-40 ideal for both studio and live recording of pianos, musical groups, choirs, and room acoustics.

Measurement and Calibration

Because the TR-40 combines phase coherency with an extremely linear frequency response, it's perfect for use as a cost-effective measurement or calibration microphone for many of today's real-time room analyzers, automated equalizers, and software driven measurement programs.

Recording Techniques

Many recording engineers use the TR-40 as a creative tool to "naturally" blend the sound of an acoustic instrument with the "room". This provides a unique character and dimension to a recording which cannot be achieved any other way. Instruments such as piano, acoustic guitar, percussion, saxophone, and percussion all lend themselves to this creative process.

Live Sound

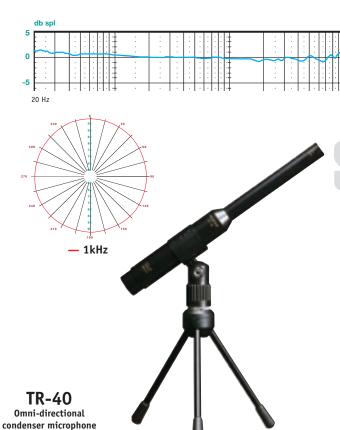
The TR-40 can be used successfully for a variety of applications from choir miking to overhead drum miking. The most interesting and original use of the TR-40 will be as a "room mic" providing a real time mix for performers equipped with in-ear monitor systems.

Broadcast Application

25 kHz

A series of TR-40's can be strategically placed over the audience in order to create the 'live' feeling of the event.

Measured @ 94 dB SPL referenced to 1 kHz



SPECIFICATIONS

Power Requirement9 - 52v phantomPickup Pattern:Omni-directionalFrequency Range20 - 19 kHz (+1/-3dB)

-4dB @20kHz

Dynamic Range:102 dBOpen Circuit Sensitivity14 mV / Pa*S/N ratio77 dB A weightedSelf noise17 dBA weighted / 26 dBImpodance200 0 hms

Impedance200 0 hmsMaximum SPL128 dBHousingMachined BrassFinishBlack E-coatWeight5 oz

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