



# KRAMER

## TR-3

Video & Balanced Stereo Audio Isolation Transformer

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The TR-3 is a high-performance isolation transformer for composite video and balanced stereo signals. It provides complete isolation between devices to eliminate hum, ground loops and DC offsets that can degrade the audio and video quality

## FEATURES

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Video Bandwidth - <math><10\text{kHz}</math> to 5.8MHz (-3dB)

Audio S/N Ratio - -83dB to +4dBu @1kHz

Audio & Video Input & Output External Ground Terminals

Audio & Video Grounding Options - DIP-switch selectable

Passive - No power required

Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3TR rack adapter



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## TECHNICAL SPECIFICATIONS

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INPUTS:	1 composite video, 1Vpp/75Ω on a BNC connector; 2 balanced stereo audio, +4dBu/600Ω on detachable terminal blocks
OUTPUTS:	1 composite video, 1Vpp/75Ω on a BNC connector; 2 balanced stereo audio, +4dBu/600Ω on detachable terminal blocks
INSERTION LOSS:	0.8dB (video)
MAX. OUTPUT LEVEL:	Video: 4Vpp/75Ω; Audio: +26dBu
BANDWIDTH (-3dB):	Video: <10Hz to 5.8MHz -3dB; Audio: 20Hz to 20kHz
DIFF. GAIN:	0.05%
DIFF. PHASE:	0.05Deg
K-FACTOR:	<1.2%
S/N RATIO:	Video: 73dB; Audio: -83dBu @+4dBu/1000Hz
CONTROLS:	DIP-switches to connect to chassis
PRODUCT DIMENSION:	12.12cm x 7.23cm x 3.07cm (4.77" x 2.85" x 1.21" ) W, D, H
PRODUCT WEIGHT:	0.4kg (0.9lbs) approx
SHIPPING DIMENSION:	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H
SHIPPING WEIGHT:	0.7kg (1.5lbs) approx
VIDEO TILT:	0.1% @pulse & bar
VIDEO NON LINEARITY:	0.1%
COUPLING:	Video: transformer; Audio: transformer
AUDIO THD + NOISE:	0.025% @+4dBu/1000Hz
INCLUDED ACCESSORIES:	Mounting brackets
OPTIONS:	RK-3TR 19" rack adapter

