

# ARTcessories™

Creative audio solutions in cool little boxes.

**July 2004**

## DTI

### Dual Transformer / Isolator



The DTI is a high quality totally passive audio interface that uses a pair of high performance transformers to totally separate input and output signal grounds, thereby isolating two systems and reducing hum and ground-loop noise. The DTI's audio transformers have an extremely flat and wide frequency response and can handle high signal levels while maintaining an isolated balanced output. This gives the DTI a very clean and neutral sound with a wide variety of signal sources. The transformers are wound for 1:1 unity gain and are designed to be used with impedances from 600 Ohms to 100k Ohms.

What further sets the DTI apart from other lesser isolation boxes is its connection versatility. We have provided XLR, 1/4" phone, and RCA type phono connections on all inputs and outputs. This allows it to easily fit into virtually any audio system and be the clean patch point between all types of systems.

Whether you need an interface between a computer based audio workstation and your monitor system, isolation on long cable runs in a fixed installation, isolation of a signal source from your recording equipment, or in many cases, just a safer connection between two audio systems, the DTI can accommodate.

The compact black anodized all aluminum case and it's passive design allow the DTI to provide years of trouble free service in Live Sound, Permanent/Fixed Install, D.J., and virtually any PA application. It's full feature set, rugged construction, and high-end specifications make the DTI the obvious choice.

#### Specifications:

Frequency Response:	10Hz -50kHz, +/- .5dB @ +4dBu
THD:	.01% Typical @ 1kHz, +18dBu, <.05% @ 100Hz, +24dBu
Insertion Loss:	.4dB @ 100k Ohm Load, 5.5dB @ 600 Ohm Load
Input Connections:	XLR female balanced, 1/4" TRS unbalanced, and RCA type phono jacks
Output Connection:	XLR male balanced, 1/4" TRS unbalanced, and RCA type phono jacks
Power Requirements:	Passive
Dimensions:	1.75"H x 4.2"W x 3.5"D (44.5mm x 107mm x 89mm)
Weight:	.75 lbs. (.34kg)

