

ART-DTI Interface

Version 05/13

Item no. 40 88 54

This product complies with the applicable national and European requirements.

Intended use

The ART-DTI interface is used for the electrical isolation of audio connections, and thus it prevents interferences caused by ground loops. The inputs and outputs may only be connected to the connections of audio devices.

The device is passive, which means it doesn't require any power supply.

The product may only be used in enclosed indoor locations, never outdoors. Contact with moisture, for example in bathrooms, must be avoided.

Any use, other than that described above, may lead to damage to this product and involves other risks, such as short circuit, fire and electric shock.

No part of the product may be modified or rebuilt.



The safety instructions have to be followed without fail.

Safety Instructions



The warranty will be void in the event of damage caused by failure to observe these safety instructions. We do not assume any liability for any resulting damage.

We shall not accept liability for damage to property or personal injury caused by incorrect handling or non-compliance with the safety instructions. In such cases, the warranty will be null and void.

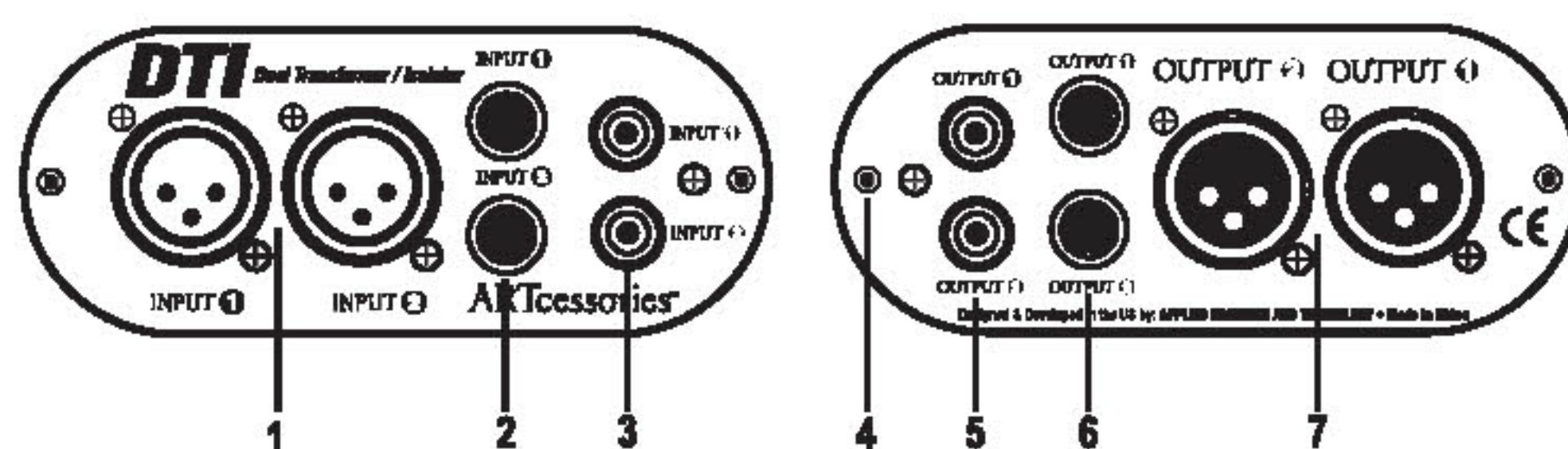
In the operating manual, an exclamation mark inside a triangle indicates important instructions.

- For safety reasons, any unauthorised conversion and/or modification to the product is not permitted.
- Keep electrical devices out of the reach of children. For this reason, be particularly careful when using the device in the presence of children. They may try to stick objects into the device, through openings in the housing.
- Do not expose the device to high temperatures, dripping or spraying water, strong vibrations or heavy mechanical stress.
- Do not use the device in a tropical climate.
- Never position vessels or containers containing liquids, such as buckets, vases or plants on top of the product or in its vicinity. Liquids could enter the inside of the housing. If this should happen, the product must not be operated any longer. Take it to a specialist workshop.
- Do not place open sources of fire such as burning candles on the appliance.
- Do not leave packaging material lying around carelessly. It may become a dangerous plaything for children.
- If you have doubts about how the equipment should be operated or how to connect it safely, consult a trained technician.
- In commercial institutions, the accident prevention regulations of the Employer's Liability Insurance Association for Electrical Systems and Operating Facilities are to be observed.
- If in doubt about how to connect the product correctly, or should any questions arise that are not answered in these operating instructions, please contact our technical service or another specialist.

Features

- 2-channel design
- Electrical isolation of the audio circuits
- Cinch, TRS and XLR connectors for inputs and outputs
- Balanced and unbalanced inputs and outputs
- Can be used with impedances of 600 ohm to 100 kohm
- High-quality audio transmitter with wide and linear frequency response
- Solid and stable metal housing

Connections and Control Elements



- | | | |
|------------------|---------------------|-----------------|
| (1) XLR inputs | (4) Ground terminal | (7) XLR outputs |
| (2) TRS inputs | (5) Cinch outputs | |
| (3) Cinch inputs | (6) TRS outputs | |

Set-up

Select a level, flat and stable mounting location.

Protect valuable furniture surfaces by using an appropriate underlay; otherwise, it may cause scratches.

Connection

The DTI interface features two independent channels separated from each other.

A signal provided at any input 1 (cinch, TRS or XLR) is available at all outputs of channel 1. This also applies to channel 2.



Always use suitably shielded audio cables to connect the inputs and outputs. Use of other cables may lead to interference.

To avoid distortions or mismatching that could damage the unit, the inputs and outputs must only be connected to devices with the suitable TRS, cinch or XLR terminals.

Only the ground connections of the TRS and XLR inputs of channel 1 are connected to the housing ground. All other inputs and outputs have no connection to the housing ground.

Should there be any interference during operation due to missing ground connections, as might be the case when e.g. only the cinch terminals are used, connect the housing ground of the audio source device to the ground terminal (4).

- Connect the output of your audio source to one of the INPUT terminals (1, 2 or 3) of channel 1.
- Connect the desired OUTPUT (5, 6 or 7) of channel 1 to the input of the downstream audio device.
- For channel 2 proceed in the same manner as described for channel 1.

Maintenance and Cleaning

Please use a soft, dry, clean cloth for cleaning.

Do not use any chemical cleaning agents, as they can discolour the plastic casing.

Disposal



Electronic devices are recyclable waste materials and must not be disposed of in the household waste!

Dispose of an unserviceable product in accordance with the relevant statutory regulations.

Technical Data

Frequency response.....	10 Hz-50 kHz (±0.5 dB @ +4 dBu)
Harmonic distortion factor	0.01 % typ. @ 1 kHz/+18 dBu
	0.05 % typ. @ 100 Hz/+24 dBu
Attenuation	0.4 dB @ 100 kOhm load
	5.5 dB @ 600 Ohm load
Inputs.....	XLR/TRS/cinch
Output.....	XLR/TRS/cinch
Dimensions (W x H x D)	107 x 44.5 x 89 mm
Weight	340 g

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