

CONNECT DA51



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2 Safety instructions

Please read these instructions thoroughly before you use the device and keep them for future reference.

- Only for indoor use.
- Do not use the product in a damp environment or near water.
- Do not expose the product to extremely high or low temperatures, strong light sources or direct sunlight.
- This product is not a toy. Keep out of reach of children.
- Never connect an adapter or power cord when it is damaged. In that case, contact your supplier.
- Never open the product: the device may contain parts with deadly voltage.
- Repairs or service should only be performed by qualified personnel.
- Disconnect the AC/DC power adapter from the mains when this device is not in use for a prolonged time.
- Improper use, self-installed modifications or repairs will void any and all warranties.
- Marmitek does not accept any product responsibility for incorrect use of the product or use other than for which the product is intended.
- Marmitek does not accept liability for any consequential damage other than the legal product responsibility.

3 Your product

3.1 Introduction

Congratulations on your purchase of the Marmitek Connect DA51. This digital TV audio to stereo audio decoder enables you to send digital audio from your TV to your analogue audio amplifier. Ideal if your analogue audio amplifier has no digital audio inputs. The Marmitek Connect DA51 is very easy to install.

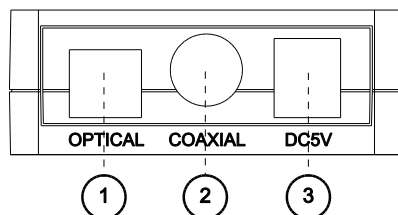
3.2 Features

- Digital TV Audio to Stereo Audio Decoder & Converter
- Connect your new TV to the analogue input of your amplifier.
- Convert digital audio signals from your TV (Toslink/coaxial) to a left/right (analogue) audio signal.
- Ideal if your audio amplifier has no digital audio inputs.
- Decodes and converts both uncompressed digital stereo signals (PCM) and multichannel audio signals (Dolby Digital 5.1 and DTS ES6.1).
- Ready to use, no configuration required.
- Very compact

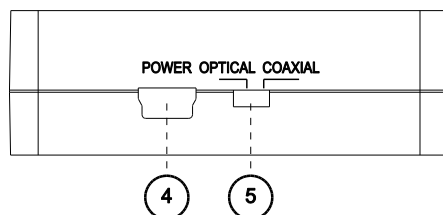
3.3 Package contents

- A. 1x Audio Decoder
- B. 1x 5V/1A DC USB power adapter
- C. 1 x Mini USB power cable
- D. 1 x User Manual

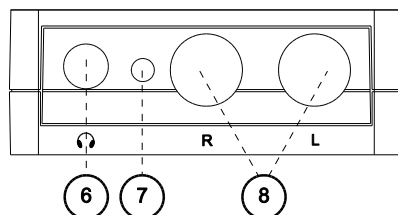
3.4 Product overview



1. Toslink optical connector
2. Coax connector
3. Power connector



4. USB power connector
5. Optical/Coaxial input select switch



6. Headset connector
7. LED power indicator
8. Stereo line out

4 Getting started

Please take the following steps before using the product:

- Connect your TV (or other digital audio source; Blu-ray player, game console, decoder/set-top box, etc.) to the Connect DA51.
- Select the desired audio input.
- Connect your audio amplifier to the Connect DA51.
- Power the Connect DA51.

We will now explain this step by step.

4.1 Connecting the product

4.1.1 Connecting to the digital source (e.g. TV)

Connect the Toslink/optical cable or coaxial cable of your TV (or other source) to the Connect DA51's 'optical' (1) or 'coaxial' (2) input.

Set the input select switch (5) to 'optical' or 'coaxial', depending on the input selected above.

4.1.2 Connecting to your audio amplifier

Connect your analogue audio amplifier to the Connect DA51 via the R/L output (8)

4.2 Power Supply

Connect the included power adapter (B) to the Connect DA51 (4) via the micro USB cable (C). Plug the power adapter into the wall outlet.

5 Connection diagram



6 Product details

6.1 Technical specifications

Power supply:	230VAC +10% -10% 50Hz, 5V 1000mA switched mode power adapter
Audio input:	1 x Optical (Toslink), 1 x Digital Coaxial uncompressed digital audio
Audio output:	2 x RCA (L/R) 1 x 3.5mm (Headphone).
DAC:	192 kHz, 24 bit
Supported data rates:	2-channel LPCM, 32KHz, 44.1KHz, 48KHz, 96KHz sample frequencies Dolby Digital 5.1 DTS-ES6.1
Signal to noise ratio:	≥120db
Channel Separation Audio R/L:	≥85db
Frequency response:	(20Hz ~ 20KHz) +/- 0.5db
Dimensions (H x W x D):	20x55x72 mm
Weight:	40 grams

7 Frequently asked questions (FAQs)

There is no sound

Ensure that the power LED is lit and the input select switch is in the correct position.

Do you have any other questions that have not been resolved by the above information? Please go to www.marmitek.com

8 Notification

8.1 Declaration of conformity



Hereby, Marmitek BV, declares that this Connect DA51 is in compliance with the essential requirements and other relevant provisions of the following Directives: Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility. Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits. Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to eco-design requirements for no-load condition electric power consumption and average active efficiency of external power supplies.

8.2 Recycling



Environmental Information for Customers in the European Union. European Directive 2002/96/EC requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

8.3 Copyrights

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