

ADS-8

Active Splitter for ADAT[®] and TOSLINK[®]
optical audio connections

User's Manual

(en)

1. DESCRIPTION

1.1. Foreword

The ADS-8 ADAT/TOSLINK Splitter allows you to split digital audio connections (e.g. ADAT or S/PDIF) from a single source into two sinks (like an „Y-cable“).

The active ADS-8 was designed to overcome the limitations of traditional passive splitters which essentially half the amount of light on each output. This attenuated signal is usually too weak for proper transmission of high-speed signals like ADAT. In contrast, the ADS-8 receives the optical signal, converts it to an electrical signal which can be split without loss to the out put transmitters which operate on each port with full power.

This gives you a number of advantages:

- Reliable, lossless, true bit-transparent splitting of any signal
- Doubles maximum transmission distance of an optical connection from normally 5-10m to 10-20m, depending on the equipment used
- Compatible with all audio formats which can be sent over TOSLINK
- Quality product “Made in Switzerland”


1.2. Box Contents

- ADS-8 Splitter
- Wide-range AC power adapter (country specific plug)
- This manual

2. SETUP

1. Connect the supplied AC adapter (power supply) to the „DC Input“ jack
2. Connect the output of your audio signal source (ADAT source, sound card, CD/DVD player...) to optical Input (labeled “Input“) using a standard TOSLINK optical cable
3. Connect „Output 1“ to your first signal sink using a standard TOSLINK cable
4. Connect „Output 2“ to your second signal sink using a standard TOSLINK cable
The ADAT/TOSLINK Splitter is now ready to operate.

3. SPECIFICATIONS

Model number	ADS-8
Input/Outputs	Optical connector, F05 Type TOSLINK® compatible
Supported audio formats	<ul style="list-style-type: none"> • ADAT Lightpipe ® • S/PDIF ® (up to 96kHz / 24 bit) • Dolby Digital ® 5.1 (AC-3) • DTS ® • all other TOSLINK compatible formats up to 13.2 MBit/s (NRZ-encoding)
Power supply	7-15V DC 60mA, Polarity: Center Positive +  - Plug: ID=2.5mm OD=5mm Length=9mm

4. APPENDIX

4.1. Warranty

We offer a full two (2) year warranty from the date of purchase. Within this period, we repair or exchange your device free of charge in case of any defect*. If you experience any problems, please contact us first. We try hard to solve your problem as soon as possible, even after the warranty period.

* Not covered by the warranty are any damages resulting out of improper use, willful damage, normal wear-out (especially of the connectors) or connection with incompatible devices.

4.2. Manufacturer contact

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4.3. FCC Compliance

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no

guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

4.4. Recycling



According to EU directive 2002/96/EU, electronic devices with a crossed-out dustbin may not be disposed into normal domestic waste.

Please return the products back for environment-friendly recycling, we'll refund you the shipping fees.

4.5. About this document

Rev.	Changes
2	Reformatted document Added FCC compliance statement
1	Initial release

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