



**hear**  
TECHNOLOGIES<sup>TM</sup>

**extreme extender<sup>TM</sup>**  
**user guide**



## EXTREME EXTENDER ADAT IN/OUT

### EXTENDER FEATURES:

- **Extend ADAT® Optical cables up to 500 feet**
- **Convert HearBus to ADAT® Optical or vice versa**
- **Uses standard CAT5E cables**
- **Does not affect sound quality**
- **Small size, durable construction**
- **Clock Status LED on Extreme Extender OUT**

The Extreme Extender ADAT® In & Extreme Extender ADAT® Out convert ADAT® optical to a HearBus signal, using CAT5E, to extend connections an additional 500 feet.

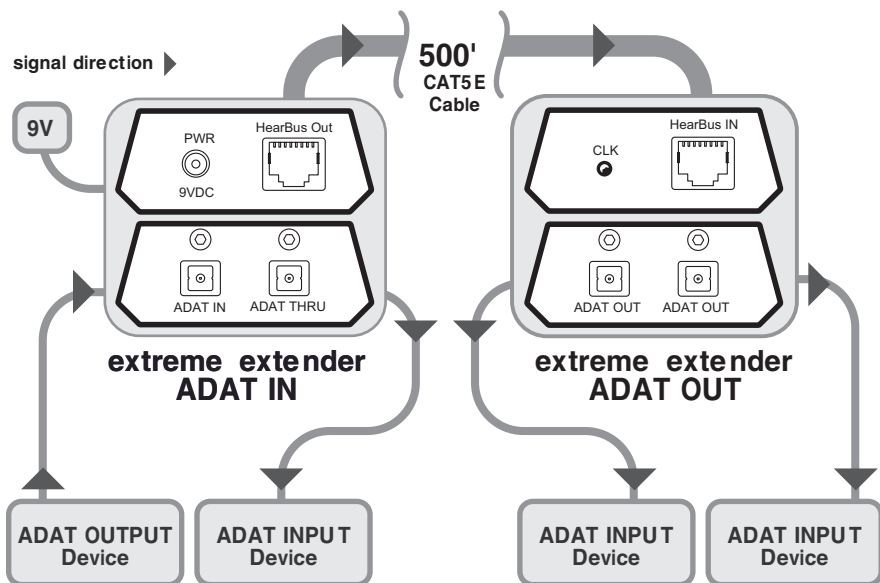
The Extreme Extender ADAT® In has an ADAT® optical input. A buffered ADAT® thru acts as an optical splitter to give local ADAT® connection to the source. The Extreme Extender ADAT® In output is a RJ45 HearBus connection for the CAT5E cable. The Extreme Extender ADAT® In uses a 9 Volt DC supply to power the system. (When used with Hear Back system power is supplied from the HearBus Hub connection).

The Extreme Extender ADAT® Out has a RJ45 HearBus input connector and two ADAT® optical outputs. A bus status indicator is provided. A bi-color clock status LED indicates the presence (green) or absence (red) of the ADAT clock.

In addition to acting as an ADAT® optical extender, the Extreme Extender ADAT® In may be connected to the optical output of any ADAT® device, such as a DAW, mixer, etc. and connected to the input of a Hear Back hub.

The extreme extender ADAT® Out can be connected to the HearBus out of a hub to obtain two ADAT® outputs.





Compatible with Hear Back system.

For use with any ADAT® Optical device ONLY. Other optical formats not supported.

## CABLES - Quality cables that work with your Extreme Extender.

**CAT5E** cables are available in 2, 12, 25, 50, and 100 foot lengths.



**Optical** cables are available in 6, 12, and 25 foot lengths.



## FCC Statement

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.





**HEAR TECHNOLOGIES™**

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