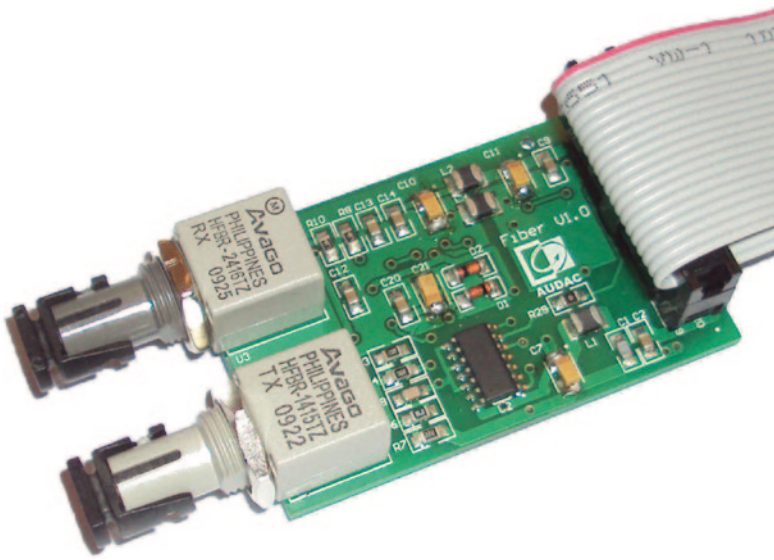
R2OPT

Fiber Interconnection Interface

AUDAC

Features

- Transfer up to 32 audio channels
- Up to 500 meters cable
- ST connectors
- 820 nm Wavelength
- -105 dBm ouput power



Applications

- Any application where several R2's needs to be cascaded, or large distances need to be covered between several devices.

The R2OPT is a fiber interconnection interface for the R2 Digital Multi-Zone Matrix System.

The R2OPT makes it possible to transfer up to 32 digital audio signals over one single wire (16 stereo channels).
The in- and output connections are performed using ST connectors; and 62.5 / 125 µm multimode glass fiber cable should be used to link the devices together.

The wiring of the entire system needs to be done according to the loop principle. Several devices can be linked in series, and then the loop needs to be closed by a feedback loop.

The maximum distance between two devices of this loop is 500 meters. But when longer distances are required, it can be increased by using a signal repeater.

The protocol that is used for data transfer, is an especially designed AUDAC protocol which is specifically designed for this purpose, so the maximum speed and optimal performance can be guaranteed.

The R2OPT interface includes all the software which is necessary to control and configure the device.

The selection of the audio signals which have to be transferred over the fiber interface, and which channels of the fiber interface have to be linked to the output zones can be made in the graphical user interface of the R2.

Specifications

PRODUCT FEATURES	
Used cable	62.5 / 125 µm multimode glass
Connectors	ST Connectors
Wavelength	820 nm
Max length	500 m
Output power	-105 dBm peak
SYSTEM SPECIFICATIONS	
Dimensions (Width x Height x Depth)	70 x 30 x 12 mm

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products