



For DIY use only

• **OWNER'S MANUAL**

Please read before using this equipment.

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Source Selection	Erreur ! Signet non défini.
96KHZ Operation	Erreur ! Signet non défini.

Product description

- Allows you to link 2 MiniSHARC over I2S bus
- Primary master miniSHARC board in Open DRC 2x2 or Dirac mode with DIGI-FP
- Secondary slave miniSHARC board in 4x8 mode
- Buffered I2S IN/OUT for each DSP
- 4.6 ns propagation delay SN74LVC2G17 buffer for the master miniSHARC I2S output
- 3.8 ns propagation delay SN74LVC245 buffer for slave miniSHARC I2S outputs
- 8 channel I2S output with Twisted Pair Audio Buffalo III pinout

Content of package

- 1 x Dual miniSHARC Link board
- Pin headers 4x15 rows for I/O

Limited Warranty

An incorrect configuration or connection of the board might damage your audio system. WaveFlex under no circumstances can be held responsible for the consequences of an inappropriate use of the unit, we ask you to read this manual and the technical guidelines in its integrity to fully understand the use of the unit.

Generally speaking, you must always control voltage output before connecting the psu to your boards.

Warranty Conditions

This Product is under the warranty of WaveFlex for one year from the day of purchase. The commercial invoice issued by WaveFlex is your proof of purchase.

The warranty is valid for any defects of the article. Excluded from the warranty are damages to the unit due to improper handling, modifications to the unit, dropping of the unit, the non-respect of the user manual or application notes and of course, wear due to the use of the unit.

Installation and connections

Before installing or connecting the unit, please read the following pages of this manual thoroughly for proper use.

POWER INPUT Connection

The board is designed to use the 3.3V power supply coming from the Minisharc connector J2 pins 23&24.

I2S I/O Connections

The board is designed to plug directly the J2 header of the master and slave miniSHARC. All signals and power goes through these headers.

Since the secondary miniSHARC 4x8 receive the signal from a master device, you have to put it in slave I2S input mode. Look the miniSHARC manual for further information's.

Output connection for the I2S signal is done with a compatible pinout for the TPA 9018 DAC but can be used for any others asynchronous dac. In case you use a DAC who need the MCLK line, you can close the jumper on the board to send the MCLK signal to the output header.

