MiniDSP 2x4

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RevB

MiniDSP 2x4, a low cost Digital Signal Processor for audio applications. Great sound in a tiny package.

Rating: 4.0
Price:
105 USD

3-5 Days

Ask a question about this product

Description

The miniDSP 2x4 in a box is a flexible pocket size DSP processor with 2 x analog IN, 4 x analog OUT. Combined with a plug-in software for programming, one can configure the on board Audio processing filters real time from a PC or Mac environment. Once the board configured, the device operates standalone and doesn't require a computer anymore. For more information on potential applications, please check the application section of our website.

Technical Specifications

- 28/56bit DSP Engine
- 24 bit ADC/DAC resolution
- 48kHz sampling rate
- Unbalanced inputs switchable with a jumper between 0.9Vrms and 2Vrms
- Unbalanced outputs: Max 0.9Vrms
- Digital Audio input/outputs via I2S
- Nichicon Muse Audiophile capacitors
- Volume control by potentiometer on 3pin header
- 5pin, 2.54mm pitch header for panel mount USB connector
- Plug&Play USB driver and real time Software configuration using miniDSP plug-ins
- Device does not required a PC once configured
- USB self powered device and wide range of DC power options (4.5 to 24VDC)

Product downloads

- miniDSP 2x4 datasheet
- miniDSP 2x4 User Manual

What's in the box?

- 1 x MiniDSP 2x4 in an aluminum enclosure
- 1 x shielded USB cable
- 1 x quality grade 3' RCA cable
- 1 x male phoenix terminal bloc connector for DC power connectivity
- Startup guide

Reviews

Thursday, 27 February 2014

> Wanted an external PEQ with RCA inputs and outputs for my subwoofer. I was c. to provided the required miniDSP gain boost without also introducing noticeable noise.
>
> I have spent $75 on the UMIK-1, $105 on the miniDSP 2x4, $60 for the TC-780LC preamp, and $130 for the 124A preamp without an acceptable solution.
>
> Bottom line is don't waste your money on the miniDSP 2x4 as its very low post PEQ output makes its basically useless unless your subwoofer's amplifier has a lot of gain to spare.

Paul Hart

Thursday, 24 March 2011

> Extremely good value and quite solidly made.\r\nVery well thought out product that outguns traditional active crossovers and filters for a fraction of the price.\r\nSound quality is very good.

Keith Arnold

Tuesday, 23 November 2010

> This is a really easy but very good DSP, and cheap for the matter to. rnrnPros: rn- Easy to use and installrn- A lot of diffrent plug-ins for every buildrn- smallrn- awesome!rnrnCons:rn- To bad i dont have a mic to use the PEQ better.. rnBut nothing so far on the product

Andre Eikmeyer
More reviews