 DSP Musik™ 2/8 Semi-customizable, Professional Audio Converter Platform

The DSP Musik™ 2/8 is a stereo in, eight out multichannel DAC platform, suitable for high performance DSP loudspeaker crossovers, music decoders and many other high quality audio algorithm applications.

The DSP Musik 2/8 platform is available in a variety of configurations including PCB assemblies where you provide your own housing, or it can be provided in an extruded aluminum enclosure. Panels can be customized and rebranded with your company’s logos and trademarks to fit your company’s specific requirements and branding.

The DSP Musik 2/8 is supported by a custom version of DSP Concepts’ Audio Weaver™ programming software. This is a powerful graphical design package that lets you create your signal processing chain by simply dragging and dropping highly optimized audio processing modules. You can use any of the dozens of pre-built audio functions—EQs, crossovers, mixers etc—or enhance and combine them with your own custom processing to create precisely the functions you need. Once the design is done, the file can be directly saved and run stand-alone on the DSP Musik platform.

Audio Weaver Programming Software
- PC-Based Development Environment
- Drag and Drop Signal Processing
- Over 400 processing Modules
- Real Time Tuning and Profiling
- Visit www.dspconcepts.com for more info

Combined with Audio Weaver, the DSP Musik 2/8 DAC delivers a high performing, fast time to market, custom audio platform for your audio projects.
**The Danville Advantage**

We take the complexity out of designing sophisticated products. Today’s DSPs and other state-of-the-art components are extremely powerful, but they come at a price: they are often extremely difficult to design on to a board. Complex routing, small pitch BGA, multiple layer I/O paths, etc., all combine to make the utilization of the features of powerful chips challenging. We have significant experience with designing complex, multi-layer processing boards, so all you need to worry about is integration. Give us a call, let’s start a conversation about how Danville Signal can provide the platform for your next design!

**The dspMusik features:**

**DSP:**
- Analog Devices SHARC ADSP-21469 or
- Analog Devices SHARC ADSP-21479

**Inputs:**
- USB Audio Class 2: XMOS SPDIF
- Optional Analog Input Module
- ADC: AKM AK5397 (S/N > 120 dBA)

**Outputs:**
- DACs: AKM AK4495 (S/N > 120 dBA)

**Options:** LCD Displays, Pascal T-PR02/S-PRO2, DAC Expansion-8 channel interface allows 16 outputs

**Configurable Input / Output:**
- Balanced or unbalanced circuits
- Consumer (-10dBV) or Pro (+4dBu) levels
- Standard 6.3mm TRS connectors
- Optional Tascam style DB-25 connections

**Operating System Support:**
- Microsoft Windows XP, 7, 8 & 10 (included)
- Apple OS X (native support)

**Input Power (Complete Version)**
- IEC Mains Connector
- Autoswitching 115/230VAC, 50/60Hz

**dspMusik is available in multiple configurations. Visit our website or contact us for more information.**