

# NEWS RELEASE

## Prisma Megamix

Multi format DSP sound card for your Classic Amiga

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A-EON Technology Ltd is pleased to announce the upcoming release of Prisma Megamix, a modern next-generation sound card for Classic Amiga computers.

Prisma Megamix is a hybrid card connecting to either a Zorro II port in a big box Amiga or the Clockport on the Amiga 1200. It incorporates a VS1063 DSP chip which can play and encode MP2, MP3, WMA, OGG, LC-AAC, HE-AAC, FL AC, IMA, WAV PCM and many other sound formats. It achieves this with very little CPU overhead making it ideal for hi-fi audio playback and streaming applications. With Prisma Megamix an Amiga 2000, 3000, 4000 or A1200 can mix MP3 streams and encode/decode them in real time without burdening the CPU. The MP3 sound processor is fully handled by CPLD and is transparent to the software. Audio data transfers are streamed at 16-bit (Zorro II) or 8-bit (Clockport), and bit banging is not required for SPI accesses to the MP3 sound processor. Mixing inputs for Paula, genuine sound and line-in are provided, as well as earphone outputs and line-outs. In Zorro II equipped Amigas, the Prisma's Clockport can be used for add-ons

and multiple cards can also be installed allowing audio tracks to be mixed at full quality. A dedicated prisma.library drives the board while a simple Prisma Control GUI allows audio files to be selected and played although Prisma Megamix can also be controlled from the CLI. Any 68000-based Amiga will run the program at full speed and, although AmigaOS 3.0 or above is recommended, AmigaOS 2.0 is also supported.

The main components of the Prisma Megamix audio system include:

- Prisma Megamix Zorro II board
- Prisma.library drivers
- Prisma Control software: Simple GUI driven to select and play audio files with Arexx interface to the prisma.library
- Optional Audio PCB and back plate for A1200 towers and big-box Amiga systems.
- Optional Trism S/PDIF daughterboard

*Credits:*

*Hardware design: Michael Boehmer*

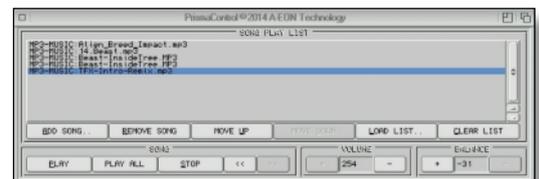
*Prisma Drivers: Ian Gledhill*

*Concept & GUI: Matthew Leaman*

*Prisma Megamix card (version 3.0)*



*Prisma Megamix Control software*



*Prisma Megamix installed in A4000*



For more information please visit:

[www.amistore.net](http://www.amistore.net)

**Shipping: November 2014**

*Classic Amiga style with next-generation performance*

