

# Arne: SAGA Audio Core

## Overview

The SAGA Core contains the **Arne** Core, which is an improved version of the audio chip (Paula) that was used in classic Amigas.

**Arne** is only available in Core version  $\geq$  GOLD3 (as in the Vampire Standalone).

## Features

- 16 independent, DMA-driven audio channels.
- Support for 8-bit and 16-bit samples.
- Support for sampling rates up to 56 kHz.
- Internal mixing with 24-bit precision and 4-times oversampling.
- Support for stereo separation / panning for all 16 channels.
- Extended sample length.
- Support for one-shot sample playback in addition to continuous playback.
- Ability to read from the entire RAM (not just Chip RAM).
- Full backward-compatibility with Paula.

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