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Xyntaro Arcade

Presents

ATAMIGA CHIPTUNE TRACKER GENERATOR

A retro chiptune workstation that runs right in your browser.

What is it?

ATAMIGA is a procedural chiptune workstation that runs entirely in your browser — no install, no plugin, no account. It pairs a one-click music generator with a full 4-track tracker editor, so you can either let the engine write a complete song for you or hand-craft every note yourself. Built for game developers, demoscene enthusiasts and retro-music fans, it turns a blank page into a finished soundtrack in seconds.

Every sound is synthesized in real time — there are no audio samples. The oscillators, filters and envelopes recreate the legendary sound chips of the 80s and 90s, then a music-theory engine composes bass, arpeggio, lead and drums on top of them. No AI, just hand-crafted algorithms built on scales, harmony and phrasing.

Key Features

- **One-Click Song Generation:** Pick a style, a song structure and a length, hit Generate, and the engine composes a full 4-track song — bass, arpeggio, lead and drums — live from real music theory. Up to 4 minutes per track.
- **Era-Accurate Sound Chips:** Each style is voiced through its matching retro hardware — YM2149 (Atari ST, pure square), PAULA 8-bit (Amiga, bitcrushed samples), SID 6581 (C64, resonant filter + ring mod), YM2612 FM 4-op (Megadrive) — with bitcrushing, ring modulation, hard sync and authentic envelopes.
- **Full From-Scratch Composer:** A dedicated full-screen tracker editor with a 64-row, 4-channel grid. Drag & drop notes and drums, pick velocity (pp / mp / mf / ff), arrange patterns in your own order list — with full Undo / Redo, Copy / Cut / Paste, Save / Load and autosave. *Desktop only* — the grid and drag & drop need a mouse and a wide screen; on mobile you can still generate and play music.
- **50 Musical Styles:** From Arena Rock, Synth Pop and Industrial Metal to Horror, Bossanova, Tribal, Salsa, Baroque, Koto, Surf, Tango, Synthwave and pure 8-bit Pixelart — each with its own basslines, arpeggios, melodic phrasing and drum patterns. There's a sound for every game genre.
- **3 Song Structures:** Narrative (8 evolving sections), Theme A / Theme B (contrasting ideas), or Build-up / Drop (tension and release). Each one shapes the dynamic arc of your track differently.
- **5 Scales & 12 Keys:** Minor, Major, Harmonic Minor, Phrygian and Blues, in any key from A to G#. The engine harmonizes every channel to your choice.
- **Seeded & Reproducible:** Every track is born from a seed. Share the seed, paste it back, and the exact same song reappears — perfect for keeping game music consistent across builds, or for collaborating without sending files.
- **WAV Export:** Render your track offline and download a clean 16-bit PCM WAV file, ready to drop straight into Unity, Godot, GameMaker or any engine.
- **Project Save & Autosave:** Export your composition as a portable .json file, re-import it later, and never lose work — your last session is restored automatically when you reopen the page.
- **Retro Arcade Look:** A CRT-styled interface with scanlines, live VU-meters, a real-time spectrum visualizer, and a glowing tracker playhead — plus a dark/light theme toggle and a fully responsive layout.

Two modes, one workstation

- ▶ **Generate** — pick your style, structure and duration, hit Generate, then Play. The engine composes a full song live from musical theory. Copy the seed to reproduce it anywhere.
- ▶ **Compose** — hit New and build your own track from scratch on a real 4-track grid. Compose note by note with the mouse, arrange your patterns, then Save, Load and Export as WAV.

Why ATAMIGA?

- 🎵 **Zero samples, infinite sounds** — everything is synthesized, so the whole app is a single 91 KB file.
- 🎮 **Made for games** — royalty-free generated music, seed-based reproducibility, instant WAV export.
- 💻 **Runs anywhere** — any modern browser, desktop or mobile, no install required.
- 🎹 **Real tracker workflow** — a genuine 4-channel grid, piano keyboard, drag & drop, order list.
- 🗝️ **Free & ad-free** — no AI, no tracking, no nonsense.

License in brief

Generated music is royalty-free — use it freely in any project, including commercial games (credit appreciated, not required). Reselling generated tracks as a standalone product is not allowed.

Music you compose yourself belongs to you — full ownership, sell it, publish it, no strings attached.

The ATAMIGA software itself remains the property of Xyntaro Arcade.

Ready to bring back that classic sound? Get tracking!

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More information ▾

Development log

👤 [Devlog #1 — The Birth of ATAMIGA](#) 1 day ago

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