rewind-zx-spectrum Public

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README

REWIND 1.1 — The Music Memory Quiz

A music trivia game for the **ZX Spectrum 128K PAL**, with 50 AY arrangements across ten categories. Listen to an excerpt and choose the matching title.

Developed with the assistance of **ChatGPT / OpenAI Codex**: game code, music conversion, graphics and testing were prepared iteratively with human selection and feedback.



Game page

Visit the REWIND game page

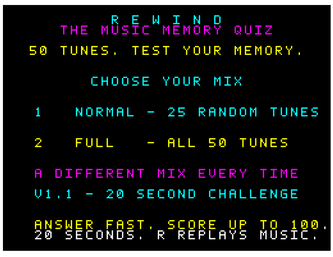
Download and play

- Download the TAP
- Download the 128K SNA snapshot

Select a **ZX Spectrum 128K PAL** model in your emulator. Load the TAP with `LOAD ""`, or open the SNA snapshot directly. After the loading screen, press **Space** to open the menu.

Mode	Round
1 — Normal	25 different songs selected at random from all 50
2 — Full	All 50 songs in a new shuffled order

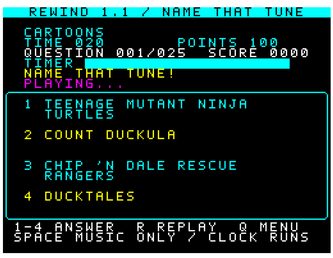
The menu is silent. Each question has a **20-second deadline**, shown as a countdown and a shrinking bar. Answer correctly in the first second for **100 points**. The award decreases by **5 points each second**, down to 5 in the last second. A wrong answer or timeout earns zero points. When time expires, the correct answer is highlighted in green.



Controls

Key	Action
1–4	Choose an answer
R	Replay the excerpt
Space	Pause/resume music only; continue after an answer
Q	Return to the menu

The clock continues while music is paused, replayed, or has finished. Replay never resets the deadline. Maximum scores are **2500 in Normal mode** and **5000 in Full mode**. On the results screen, Space starts another round in the same mode, with a fresh shuffle.



Music and answers

Five excerpts in each category: Movies, Pop & Rock, Cartoons, TV Series, Electronic, Gothic, Metal, Video Games, Synth-pop and Dance.

The game has **250 answer titles**. Each question offers one correct title and three distinct alternatives from the same category. Wrong alternatives do not repeat during a round.

Recorded song catalogue · All answer titles



Build from source

Python 3.10+ is required. From the repository root:

```
python3 -m pip install -r requirements.txt
python3 source/build.py
python3 source/verify.py
python3 source/verify_timer.py
python3 source/verify_rom.py
```

Build outputs are written to `source/`. The checked-in playable files are in `downloads/`. No network downloads are needed by the game build. The supplied raw AY streams contain the fifty selected arrangements.

See technical build notes for memory layout and compression. `source/preview.py` optionally records a native game-loop preview; it also requires ffmpeg.

Previous version

The original, untimed version 1.0 remains available: TAP · SNA snapshot. Its existing release assets and download counters are retained.

Changes in 1.1

- 20-second deadline and visible remaining-time bar.
- Faster correct answers earn more points (100 down to 5).
- Timeout reveals the correct answer and awards zero points.
- Four-digit score display, up to 5000.
- All 50 AY arrangements and both shuffled modes retained.

Validation

Tests cover all 50 AY streams byte for byte, both round lengths, shuffled unique questions, answer pools, wrapped text colours, scoring, pause/replay, keyboard input and a silent menu. Timer regressions additionally cover the full native IM2 deadline, counter wrap, pauses/replays, timeout feedback, and the 5000-point display. The TAP was also loaded through a Spectrum 128K ROM using SkoolKit fast loading, and the SNA bank layout was checked.

Testing used emulation; physical Spectrum hardware and physical tape have not been tested. Audio in generated previews is an approximate AY simulation.

Credits

Original songs, compositions, titles and associated properties belong to their respective owners. Source metadata for the arrangements is retained in `source/music/`. This is an unofficial hobby project and is not affiliated with the original artists, publishers or hardware manufacturers.

Download statistics

Download statistics are recorded by GitHub for the release assets from **31 October 2026**. The game page shows the total for GitHub release assets. Both version 1.0 and version 1.1 release assets are included. This counts file downloads, not unique players; earlier direct downloads, repository clones and browser play are not included.

Release assets are retained to preserve their counters. For a future game update, publish a new release or use new asset filenames rather than replacing an existing asset, then update the download links.

About

A music memory quiz for the ZX Spectrum 128K, featuring 50 AY tunes, ten categories and two play modes. Created with ChatGPT.

mmmpt.github.io/rewind-zx-spectru...

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REWIND 1.1 Latest
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Contributors 1

MmmPT

Languages

Python 44.6% Assembly 35.9% HTML 19.5%