

# Omicron Turbo

## for Atari XL/XE computers

### Overview

Omicron Turbo provides a set of unifying file formats and loaders for various Atari data recorder turbo upgrades popular in the Central Europe.

- With Omicron Turbo, you can distribute software on tapes with high transfer speed and great compatibility with various data recorder turbo upgrades. This is excellent for creating retro tape editions of software for Atari XL/XE computers.
- The only small disadvantage is a very small Omicron Turbo Stage 0 loader prepended before each program. The loader takes only 24 seconds to load.

### How to load a program

Loading a program is a very simple procedure

1. Boot Stage 0 loader from cassette by pressing START+OPTION keys during cold start of the computer.
2. Binary loader (Stage 1) is loaded by the Stage 0 loader with transfer speed of 2270 bd.
3. Binary loader (Stage 1) loads and executes the program with transfer of at least 2270 bd.

### Compatible turbo upgrades

- Turbo 2000 (CZ/SK)
- Super Turbo (CZ/SK)
- KSO Turbo 2000 and compatible systems (input both from joystick port or SIO port)
- Turbo Blizzard
- Atari Super Turbo and compatible systems (ATT and Unerring Master)
- Hard Turbo
- Lower Silesian Turbo 2000
- Turbo ROM

### Highlights

- Compatibility with wide range of turbo upgrades
- The Omicron Turbo loaders allow to display program name that can be up to 20 character long.
- Transfer speeds supported by the loaders are 2270-6411 bd. The base speed (2270 bd) is recommended for maximum compatibility.
- Cartridge and file versions of the Stage 0 loaders are also available as binary images.

### Availability

- **Turgen System 8.6.1** (<http://turgen.sf.net/>) can convert binary files to Omicron Turbo.
- Loaders are freely available (including the source code) in the loader package distributed with Turgen System