

INTRODUCING

THE ATARI

400

PERSONAL COMPUTER SYSTEM

ATARI 400TM
PERSONAL COMPUTER
THE GENERAL SYSTEM

The Atari-400TM is the affordable, home computer that's easy to use even for people who've never used a computer before. It's designed for entertainment, education, and business and household management applications. The potential of the system is truly immense. Its capabilities are increased by the addition of peripherals such as the cassette tape recorder for data storage and retrieval.

EDUCATIONAL APPLICATIONS

As an educational computer, the Atari-400TM can provide Computer Aided Instruction that talks and teaches on home TVs. It's all made possible with Atari's exclusive audio/digital cassette system. The TV screen virtually becomes the blackboard, and the system asks questions and tells you when you have answered correctly.

Included are the following exciting features:

- * Computer Aided Education - up until now, this learning concept was available only at selected educational institutions.
- * The cassette's audio track plays through the TV, while the digital track draws graphics and writes on the screen.
- * The computer interrogates the user for active participation, thus simulating an actual classroom situation.

The Atari 400 Educational Library includes more than 70 hours of instruction in over 20 subjects including:

Algebra	Great Classics
Basic Psychology	Sociology
Counseling Procedures	Accounting
Economics	Statistics
Spelling	U.S. History
Vocabulary Builder	Carpentry
Auto Mechanics	Basic Electricity
Spanish	Zoology

BUSINESS & HOUSEHOLD MANAGEMENT APPLICATIONS

The Atari-400™ allows the entry of Basic Language programs which can be used immediately or stored for future use. Programs can either be purchased on cassette tapes or entered by the user through the alphanumeric keyboard.

Examples of some of the practical applications under development for the Atari-400™ are:

- * Income Tax Preparation Guide
- * Tax planning information
- * Budget and financial planning
- * Income and expense record keeping
- * Record keeping of books, serial numbers, and insurance policies.

ENTERTAINMENT APPLICATIONS

The Atari-400™ plays the most exciting games of any personal computer ever developed, with true-to-life game sounds and colors. And because the system is so easy to use, the games can be played by all members of the family. Just take a look at the technological breakthroughs which Atari has achieved, allowing new dimensions in video games:

- * The Atari-400™ features superior color graphics and fine resolution.
- * It contains advanced sound synthesis circuitry.
- * The system can be programmed to play any video game ever invented.
- * Plus, it allows a totally new area of games to be played that were previously available only with large computers.

The Atari-400™ Game Library includes:

Thinking Games

Chess
Backgammon
Business Simulations
Fur Trader
Stock Market Simulation
Space Adventure
Superman ©

Action Games

Four Player Basketball
Superbug Driving Game
Game of Life
Firetruck
Four Player Tank

© DC Comics, Inc. 1978

I. KEY FEATURES

- * Central Processing Unit: 6502; 0.6 microsecond cycle time
- * Random Access Memory (RAM): 8,000 bytes
- * Read Only Memory (ROM): 8,000 bytes, expandable to 16,000 bytes with user installed Solid State Cartridge Programs
- * Keyboard: 57 Key Monopanel Keyboard with upper and lower case alphabet, graphic symbols and full screen editing functions.
Four separate function keys.
- * Color Graphics in 16 colors and 8 luminance levels
- * Connection to Home TV#
- * Channel 2-3 Selector
- * UL Approved
- * Built in Speaker
- * Four audio channels for realistic sound generation
- * Four controller input jacks for up to four game controllers
- * Educational Computer Programs with audio track for self - instruction.
- * Custom designed Programmable Display Microcontroller Chip for superior graphic capabilities
- * Multiple User definable graphics modes with resolutions up to 320 x 192V
- * Single Solid State Cartridge Slot for instantaneous applications, Programming Languages, or games.
- * Programmable in Basic: The most popular language for personal computers.
- * Featuring Special Commands for graphics, sounds, colors and games.

FCC Approval Pending

* Serial input/output port for all peripheral components

* Accessories:

Cassette Tape Drive: 300/600 Baud with custom designed electronics
for high reliability, automatic motor control.

Automatic volume and tone control.

Audio and Digital information tracks.

II. TAPE DRIVE (OPTIONAL)

* Automatic Motor Control

* 2 Channel (Digital Data and Audio Track)

* 3 Digit Tape Counter

* Pushbutton Controls for Rewind, Fast Forward, Stop, Record, Play, Eject

* Audio Track plays through T.V.

* Digital Track over 600 Bits Per Second

* Cassettes will play on both sides

* AC Powered, UL Approved

* Automatic Volume and Tone Control for Record and Playback

* Single Cassette Connector Cable

* 400,000 Bytes of Data Storage per 120 Minute Cassette