

# AMIGA<sup>®</sup> 570

## EXTERNAL CD ROM STORAGE for the Amiga 500



Add the A570 External CD-ROM drive to your Amiga and enter a new world of interactive information, education and entertainment.

Digital sound and graphics and the considerable capabilities of the CDTV Interactive Multimedia Player can now be accessed by Amiga 500 owners.

Select from a library of exciting and informative CDTV discs including encyclopedias, atlases and early learning activities with stimulating graphics and stereo sound.

Home entertainment discs take on a whole new dimension with over 600 megabytes of storage available for virtually endless levels of play.

And the A570 plays standard audio CDs as well as CD+Graphics discs.

Convenient front panel headphone jack and volume control will allow listening to your favorite audio CD while working on Amiga disk-based applications.

The A570 is a powerful and versatile peripheral for the Amiga 500. The A570 can read many of the ISO-9660 standard format discs from other platforms.

CD-ROM discs with volumes of information on topics such as history, finance and geography can now be researched for business, home and educational applications.

The A570 has an internal slot for memory expansion and a rear slot for cartridge-based peripherals. Built-in software configures the A570 for CDTV, CD-ROM or digital audio uses.

Added expansion capabilities allow Amiga 500 users to enhance their systems to the level of systems from competing platforms costing hundreds of dollars more.

The A570.  
CDTV and more for the Amiga 500.

### AMIGA 570 FEATURES

- High Capacity, Read Only CD-ROM storage for the Amiga 500
- CDTV<sup>®</sup> Compatibility
- Internal 2MB RAM expansion capability
- Rear Expansion Slot for Plug-in cards

### STANDARD AMIGA FEATURES

Features integrated into the system architecture and supported by the system software

- Advanced Custom Processors for DMA, Video, Graphics, Sound and I/O Control
- NTSC Video Horizontal Scan Rate Compatibility
- Multitasking Operating System
- Selectable Resolutions/True Overscan
- Standard File Format (IFF)



### Features

- High Capacity, Read-only CD-ROM
- CDTV compatibility
- 2MB Fast RAM expansion (internal)
- Rear expansion slot for plug-in cartridges

### Operating System

- ISO 9660 file system handler
- High-speed decompression for graphics, audio, CD+Graphics and CD Digital Audio

### Physical Characteristics

#### Rear Panel

- Power Supply Connector
- Power Switch
- Amiga Audio IN (Left and Right)
- CDTV Audio Out (Left and Right)

#### Front Panel

- Stereo Headphone Jack
- Compatibility Switch
- Power-On Pilot LED
- Drive Activity LED
- Disc Loading Slot

### CD-ROM Drive Specs

Data Transfer - Normal	: 153 KBytes/sec (Mode 1)
	: 171 KBytes/sec (Mode 2)
Average access time	: 0.5s
Maximum access time	: 0.8s
Soft read error	: Less than 1 in 10 <sup>6</sup>
Hard read error	: Less than 1 in 10 <sup>12</sup>
Seek error	: Less than 1 in 10 <sup>6</sup>
Commands	: CD-ROM, CD-Audio, CD+G
Standard supported	: ISO-9660
Data Capacity	: 540 MegaBytes (approx.)
Mechanism	: Disc Caddy Type

#### Dimensions

Approx. 256 x 180 x 68 mm

#### Weight

Approx. 6 pounds

#### Power Requirements

110 volt / 60Hz  
from external supply

### CD Audio Specs

8X oversampling	
Audio output	: External 2.0V p-p, 10K OHM
Frequency response	: 4-20KHz
Signal/Noise	: -96db
Channel Separation	: -85db
Harmonic Distortion	: 0.02% at 1 KHz
Maximum audio capacity	: about 28 hours - AM quality
Sample Rates	: variable from CD Audio rate (44KHz) to 6KHz

Dual 16-bit D/A converter plus  
64 levels of attenuation



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