

# P

innacle Micro, the first American company to bring you

the erasable optical storage system, now introduces the world's most affordable line of CD-ROM drives - the PCD series. Now you can choose between an internal, stand-alone or portable drive for under \$500.

In addition to setting new CD-ROM price standards, we also include the World Atlas 2.0 CD-ROM Software (a \$79. retail value) with every Pinnacle CD-ROM Drive.

CD-ROM technology is now an affordable necessity for today's computer environments.

Pinnacle's CD-ROM drives are the ideal choice for corporations to distribute data to customers,

employees or satellite offices. CD-ROM software provides massive amounts of entertaining, factual and educational information directly to your PC. There are now more than 10,000 CD-ROM software titles available today - encyclopedias, software applications, publications, annual reports, company catalogs and CD games. By combining

The World Atlas 2.0 CD offers the ability to access the world at your fingertips. This CD-ROM software helps you to better understand the geography of the world, including statistics on population, education, health, government, crime, economy, agriculture, communication and travel. All you need to know to become a global expert.

text, images and sound, CD-ROM revolutionizes information by bringing data to life.

## PCD-100™ INTERNAL



**\$399.95**

### S P E C I F I C A T I O N S

**Features:**

1. Half Height Built-In Form Factor.
2. Pinnacle "Slide Top Loading" Mechanism.
3. Direct Interface to Parallel Port or PC-AT/XT Bus.
4. Microsoft CD Extensions Supported.
5. Multimedia Supported.
6. Audio Playback Function.
7. Dust Proof Mechanism.

**Specifications:**

<b>DISC</b>	CD-ROM Mode 1/Mode2 and CD-Audio disc
<b>DISC FORMAT</b>	CD-ROM format (ISO 9660 and Yellowbook)
<b>DISC CAPACITY</b>	12cm Disc, Mode 1 540MB Bytes 12cm Disc, Mode 2 630MB Bytes
<b>DATA TRANSFER RATE</b>	Mode 1 150K Bytes/Sec. Mode 2 175K Bytes/Sec. Buffer 2352 Bytes 1.4M Bytes/Sec.
<b>ACCESS TIME</b>	12cm Disc 1/3 stroke 400/800ms. Avg. 12cm Disc Full stroke 1.3sec. Avg.
<b>ERROR RATE Mode 1</b>	10 <sup>-11</sup>
<b>INTERFACE</b>	Pinnacle Interface
<b>POWER REQ.</b>	DC Volt +12V DC Current 0.75A (Peak) • 0.2A (Ave.) +5V
<b>AUDIO</b>	T.H.B. (11KHz) 0.04% Dynamic Range (11KHz) 92dB C.H. Separation (11KHz) 87dB S/N Ratio (11KHz) 94dB Frequency Response -0.5/3.8dB (20Hz-20KHz) Line out Voltage 0.78Vrms Modulation out Voltage 0.4Vrms
<b>WEIGHT</b>	1.4kg
<b>OPERATING CONDITION</b>	Temperature 0°C to 50°C Relative Humidity 20% RH to 85% RH Temperature -30°C to 60°C Relative Humidity 10% RH to 95%RH
<b>STORAGE CONDITION</b>	25000H
<b>OPERATING LIFE MTBF</b>	Continuous 10000H

## PCD-101™ PORTABLE



**\$399.95**

### S P E C I F I C A T I O N S

**Features:**

1. Portable CD-ROM Drive.
2. Top Loading Mechanism.
3. Direct Interface to Parallel Port or PC-AT/XT Bus (Max and Sun Available 1st Quarter 1992)
4. Microsoft CD Extensions Supported.
5. Multimedia Supported.
6. Audio Playback Function.
7. Dust Proof Mechanism.

**Specifications:**

<b>DISC</b>	CD-ROM Mode 1/Mode2 and CD-Audio disc
<b>DISC FORMAT</b>	CD-ROM format (ISO 9660 and Yellowbook)
<b>DISC CAPACITY</b>	12cm Disc, Mode 1 540MB Bytes 12cm Disc, Mode 2 630MB Bytes
<b>DATA TRANSFER RATE</b>	Mode 1 150K Bytes/Sec. Mode 2 175K Bytes/Sec. Buffer 2340 Bytes 1.4M Bytes/Sec.
<b>ACCESS TIME</b>	12cm Disc 1/3 stroke 400/800ms. Avg. 12cm Disc Full stroke 1.3sec. Avg.
<b>ERROR RATE Mode 1</b>	10 <sup>-11</sup>
<b>INTERFACE</b>	Pinnacle Interface
<b>POWER REQ.</b>	Transformer type AC adapter +5V DC (max 4.4 amp) +10V AC (max 100mA) (US use) Battery (Optional) 800m. Cam./Recharge Batt. (Model #P151 or US)
<b>AUDIO</b>	T.H.B. (11KHz) 0.04% Dynamic Range (11KHz) 92dB C.H. Separation (11KHz) 87dB S/N Ratio (11KHz) 94dB Frequency Response -0.5/3.8dB (20Hz-20KHz) Line out Voltage 0.78Vrms Modulation out Voltage 0.4Vrms
<b>WEIGHT</b>	0.75kg
<b>OPERATING CONDITION</b>	Temperature 0°C to 50°C Relative Humidity 20% RH to 85% RH Temperature -30°C to 66°C Relative Humidity 10% RH to 95%RH
<b>STORAGE CONDITION</b>	25000H
<b>OPERATING LIFE MTBF</b>	Continuous 10000H

## PCD-102™ EXTERNAL



**\$499.95**

### S P E C I F I C A T I O N S

**Features:**

1. External Desktop Design.
2. Pinnacle "Slide Top Loading" Mechanism.
3. Direct Interface to PC-AT/XT 8 Bit Bus Card.
4. Microsoft CD Extensions Supported.
5. Multimedia Supported.
6. Audio Playback Function.
7. Dust Proof Mechanism.

**Specifications:**

<b>DISC</b>	CD-ROM Mode 1/Mode2 and CD-Audio disc
<b>DISC FORMAT</b>	CD-ROM format (ISO 9660 and Yellowbook)
<b>DISC CAPACITY</b>	12cm Disc, Mode 1 540MB Bytes 12cm Disc, Mode 2 630MB Bytes
<b>DATA TRANSFER RATE</b>	Mode 1 150K Bytes/Sec. Mode 2 175K Bytes/Sec. Buffer 2352 Bytes 1.4M Bytes/Sec.
<b>ACCESS TIME</b>	12cm Disc 1/3 stroke 400/800ms. Avg. 12cm Disc Full stroke 1.3sec. Avg.
<b>ERROR RATE Mode 1</b>	10 <sup>-11</sup>
<b>INTERFACE</b>	Pinnacle Interface
<b>POWER REQ.</b>	DC Volt +12V DC Current 0.75A (Peak) • 0.2A (Ave.) +5V (Ave.)
<b>AUDIO</b>	T.H.B. (11KHz) 0.04% Dynamic Range (11KHz) 92dB C.H. Separation (11KHz) 87dB S/N Ratio (11KHz) 94dB Frequency Response -0.5/3.8dB (20Hz-20KHz) Line out Voltage 0.78Vrms Modulation out Voltage 0.4Vrms
<b>WEIGHT</b>	2.79kg
<b>OPERATING CONDITION</b>	Temperature 0°C to 50°C Relative Humidity 20% RH to 85% RH Temperature -30°C to 60°C Relative Humidity 10% RH to 95%RH
<b>STORAGE CONDITION</b>	25000H
<b>OPERATING LIFE MTBF</b>	Continuous 10000H

# ABOUT \$400.

Company	Product	Type (w/ Controller)	List Price	Price Difference
Pinnacle	PCD-100	Internal	\$399.95	--
	PCD-101	Portable	\$399.95	--
	PCD-102	External	\$499.95	--
Sony	CON-535	Internal	\$795.90	\$395.95
	CON-7201	External	\$949.90	\$449.95
Hitachi	CDR-3600PC	Internal	\$865.00	\$465.05
	CDR-17005PC	External	\$995.00	\$495.05
Toshiba	TXM3301-B5P4	Internal	\$749.00	\$349.05
	TXM3301-E1P1	External	\$949.00	\$449.05
NEC	CDR-83 XT	Internal	\$999.00	\$599.05
	CDR-73 XT	External	\$1099.00	\$599.05
	CDR-36 XT	Portable	\$798.00	\$398.05



**800-553-7070**  
**CA 714-727-3300**  
**FAX 714-727-1913**

**PINNACLE MICRO**

Trademark owners: PCD-100, PCD-101, PCD-102 of Pinnacle Micro, Inc; CD-ROM prices acquired directly from manufacturers on 9-23-91; All other trademarks to the respective owners. Specifications subject to change without notice.

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PINNACLE MICRO

CD

**WHAT IS THE DIFFERENCE  
BETWEEN THESE  
CD-ROM DRIVES FROM  
JAPAN AND OURS?**

