



KENWOOD

# 72X



## 72X TRUE-X™ CD-ROM DRIVE

### The fastest CD-ROM drive on earth just got faster!

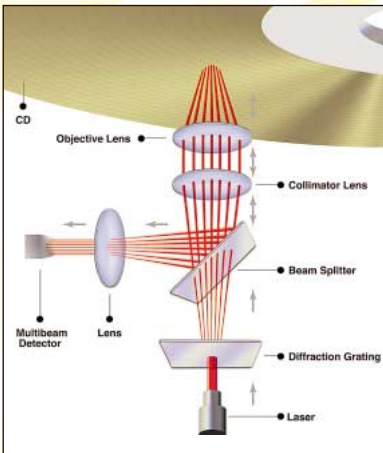
Kenwood's third generation of award-winning TrueX CD-ROM drives, the 72X TrueX CD-ROM Drive, has shattered speed barriers once again, creating the fastest CD-ROM drive on earth. By blending innovation and technology; Kenwood has created the 72X TrueX CD-ROM Drive offering even higher transfer rates at significantly low rotation speeds; thus a FASTER, QUIETER, MORE RELIABLE CD-ROM drive! With transfer rates ranging from 6,750 to 10,800 KB across the entire disc, the Kenwood 72X TrueX CD-ROM Drive is more than 80% faster than the average 50X Max CD-ROM drive available today. The Kenwood 72X TrueX CD-ROM Drives have a rotational speed of 5,100 to 2,700 RPM, which is half the rotational speed of the average 50X Max CD-ROM drive.

### Equivalent to a 100X Max drive- if one existed!\*

The Kenwood 72X TrueX™ CD-ROM is made with Zen's TrueX technology and Kenwood's patented 7-Beam pickup, which illuminate multiple tracks simultaneously, read them in parallel, and process the data through a custom ASIC. By reading multiple tracks at once, the 72X TrueX CD-ROM drive actually spins the disc slower than conventional single-beam drives, resulting in extremely precise readability and very quiet operation.

The Kenwood 72X TrueX CD-ROM drive is faster, quieter, and more reliable than the average 50X Max drive. The 72X TrueX CD-ROM drive provides high performance data throughput across the entire disc making it ideal for graphic-intensive applications such as 3D games, multimedia, and other reference content.

Once again your CD-based applications and data get the highest performance possible from the beginning of the disc to the end. Innovative technology powered by Zen, available only from Kenwood.



*The Kenwood 72X TrueX CD-ROM drive uses Zen's TrueX technology to read seven tracks in parallel, yielding superior read performance compared to conventional single-beam min/max drives.*



### AWARDS WON BY TRUEX CD-ROM DRIVES:



See [www.kenwoodtech.com](http://www.kenwoodtech.com) for more awards and reviews on TrueX CD-ROM drives

### KENWOOD 72X TRUEX CD-ROM DRIVE:

#### FASTER:

High transfer rate delivers 6.75MB to 10.8MB/sec. across the entire disc

#### QUIETER:

Lower rotation speeds minimize noise and vibration

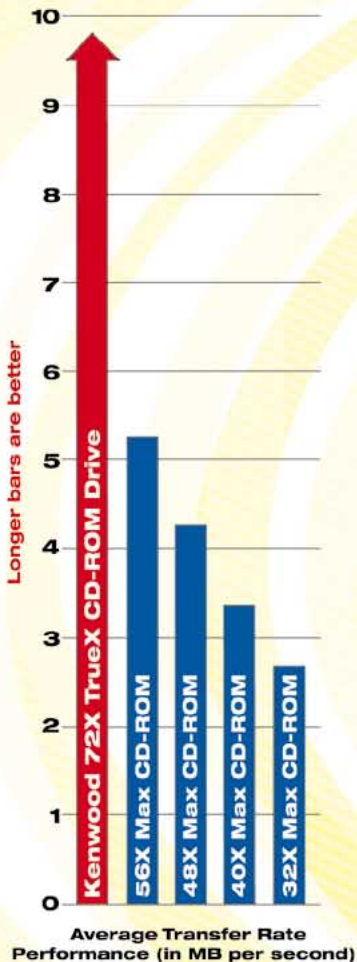
#### MORE RELIABLE:

Lower rotation speeds enhance precise disc readability

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**ZEN**  
TM

<http://www.zenresearch.com>

# KENWOOD



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## UCR-421 72X ATAPI

### Drive Interface

- EIDE/ATAPI

### Disc Loading

- Motorized Tray

### Disc Readable Formats

- CD-ROM Mode 1 and Mode 2
- CD-R
- CD-RW
- CD-Extra
- CD-DA Audio
- Photo CD (Single- and Multi-Session)
- CD-I/FMV
- Video CD
- CD-ROM-XA

### Disc Diameter

- 8cm and 12cm

### Optical Beam Reader

- Kenwood 7-Beam Pickup

### Data Transfer Rate

- 6,750 - 10,800 KB/sec (typical\*)

### Burst Data Transfer Rate

- 16.7MB/sec (PIO Mode 4 and DMA Mode 2)
- 33MB/sec (Ultra DMA)

### Access Time (1/3 Stroke)

- Less than 100ms (typical)

### Within 7 Track Band

- 5ms

### Data Buffer

- 2,048KB

### Eject Button

- Motorized Eject Button
- Emergency Hole

### LED

- Access LED

### Headphone Jack

- 3.5mm Stereo Mini-Jack

### Volume Control

- Wheel Knob

### Interface Connector

- 40-pin EIDE Header

### CD-Audio Analog Out

- Supported

### EIDE Settings

- Master, Slave, CSEL Jumper Settable

### General Specifications

#### Installation Orientation

- Horizontal or Vertical (Using Locking Tabs)

#### Dimensions (WxHxD)

- 5.9 x 1.7 x 7.9 in. (14.9x4.3x20cm)

#### Weight

- 2.05lbs. (.93kg)

#### Power Supply

- DC +5V at Normal 1.2A (Peak 1.5A)
- DC +12V at Normal 0.5A (Peak 1.5A)

#### Reliability

##### MTBF

- 50,000 POH at 25% Duty Cycle

##### Warranty

- 1 Year

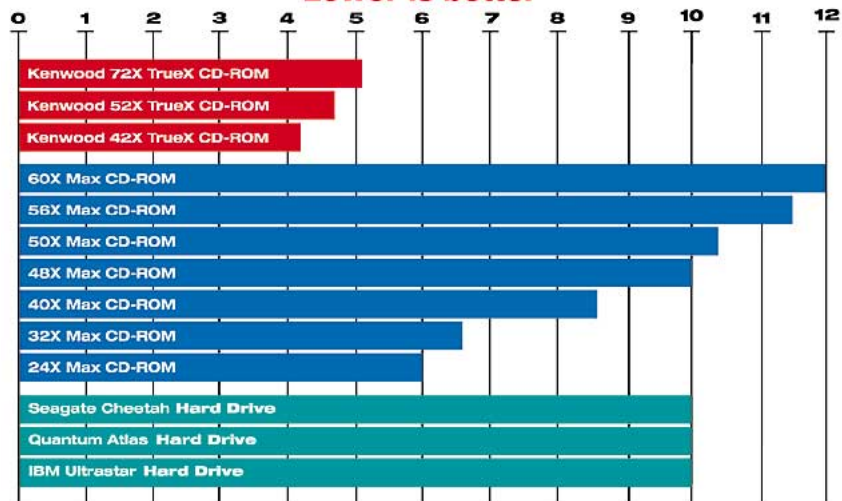
#### System Requirements

- Intel's 440LX chipset or better (or equivalent) is recommended for best results
- 233 MHz Pentium® with MMX or higher (or equivalent)
- 32 MB RAM
- PCI Bus Master Controller
- PCI Bus Master EIDE Drivers for Windows 95/NT®
- Windows® 95 OSR2 or Windows® 98

\*Measured with WinBench '99

## Rotation Speed (RPM in 000s)

Lower is better



Lower Rotation Speeds  
Reduce Vibration and Noise

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