Tom's Guide | Tom's Games | TOM'S HARDWARE GUIDE Worldwide



TOM'S HARDWARE GUIDE > News > Special > Miscellaneous > Scientists Discover New Method to Uncover Bootleg CDs

Scientists Discover New Method to Uncover Bootleg CDs

4:50 PM - December 8, 2008 by Jane McEntegart Source: Tom's Hardware - Category : Miscellaneous

9 comments

A new technique proposed by the Department of Optics at University of Granada details a means to identify whether a CD has been recorded using a method different to the process used in the industrial production of CDs and thus, differentiate between the real thing and bootleg.

The idea is that the light diffraction from the surface of a real CD is different to what you'd get with a fake. Information on the study will appear in the American Journal of Physics the team from the University of Granada, which has filed a patent application.

One of the biggest problems with CDs was the rate at which people were burning them. Back in the day you could buy an album and then burn ten copies for your family and friends. 11 people get the CD and the record companies only got the profit for one purchase.

With the introduction of MP3 players, sales of CDs plummeted. No one

wanted to buy CDs when they could just as easily get the same thing online (a lot of the time for free) and not have to carry around anything but their music player when they wanted to listen to music.

That said, that hasn't stopped people making bootleg CDs. They can download the songs (again, downloading pirated music isn't exactly unusual) and burn them to CDs to use in their cars or where ever else and the record company would see zip in profits.

While we're not sure this new technology is going to stop the regular Joes and Janes from burning CDs for their friends, it could be pretty handy when it comes to people selling bootleg CDs in bulk and trying to pass them off as the real deal.

Read the official release from the University of Granada here.

Previous News Article Trine Fantasy Game Announced for PC, PSN

• Next News Article EA's Games to Get Really Physical

Return to news index



SHOP FOR 15" MACBOOK PRO NOTEBOOK (2.4GHZ...

	Aspire One AOA110-1295 Notebook	MacMall Your #1 Apple Superstored	\$1593.99
	15" MacBook Pro Notebook	MacConnection	\$1449.99
	13.3" MacBook Notebook	GoComputerma	\$1499.00
	My Passport Essential Portable	zazzier35	\$1499.00
	Aspire ONE A150-1447 Notebook	onSale	\$1593.99

See More Products.

MISCELLANEOUS REVIEWS



Interview: Bigfoot's Killer NIC, Exposed

Since its release, the Killer NIC has garnered a reputation

for being an extravagant and largely unnecessary add-on for the do-it-yourselfer. Seeking additional insight, we approached the card's designer. Read More

Super-Cooled Quantum Computing Is Coming SIPEW 2008: All About Benchmarking Futuremark's 'Vantage'

React!

Latest News:

- \$5000 EFiX Photoshop Contest
- EA's Games to Get Really Physical
- Scientists Discover New Method to Uncover Bootleg CDs
- Trine Fantasy Game Announced for PC, PSN
- GTA IV Performance Problems on the PC
- Apple Killing Psystar, OpeniMac Arrives

🔵 Zoom



Print

Send to a friend

Comments Content also available in:



Ads by Google

Lloyd's List on Piracy

Bringing you the latest Piracy news and opinion including IMB reports www.lloydslist.com/piracy **Power Supplies ETA Power** AC/DC Power Supply, DC/DC Power Supply, electric Power Supplies www.etapower.com 12 to 24VDC Converters

Made in USA. Up to 97% efficient.

NEWS

Scientists Discover New Method to Uncover Bootleg CDs

New Plextor drive "obliterates" data on CDs/DVDs with laser blasts

Ubisoft CEO Changing Focus to Consoles Due to PC Piracy

Ubisoft Director: Piracy is Killing PC Gaming

Licensing free software for sale threatens anti-piracy efforts,...

