

# OAKLEY

## THUMP™

128MB OR 256MB



### Operating Systems

To use OAKLEY THUMP™ with a Microsoft® Windows® PC, you must have:

- Windows 98 SE, Windows ME, Windows 2000 or Windows XP  
(Note that OAKLEY THUMP cannot be used with Windows NT)

To use OAKLEY THUMP with a Macintosh®, you must have:

- Mac® OS 9.2.2, Mac OS 10.1.5, Mac OS 10.2 or Mac OS 10.3

### Specifications

Model:	OAKLEY THUMP 128MB / OAKLEY THUMP 256MB
File format supported:	MP3 (up to 320 kbps) / WMA (up to 192 kbps) / WAV
Memory:	128MB or 256MB depending on model
File transfer speed:	Up to 1.4MB/s
Signal to noise ratio:	-87.241dB
Distortion:	0.91183%
Frequency response:	20Hz – 20,000Hz
Earphone output (L+R):	20mW (nominal) / 40mW (max)
Battery type / capacity:	Built-in Lithium Ion Polymer / 3.7V, 150mAh
Maximum input power rating:	5VDC, 150mA
Battery life:	Up to 6 hours of continuous playtime*
Recharging time:	3 hours (80% charge in 1 hour)
Firmware:	User upgradeable via <a href="http://www.oakley.com/thump/">http://www.oakley.com/thump/</a>
Interface:	USB 2.0 (backward compatible with USB 1.1)

\*Battery life depends on numerous factors including volume level, audio format, and temperature.

For more information go to  
**WWW.OAKLEY.COM**

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## THUMP™

DIGITAL MUSIC EYEWEAR







Oakley Thump is built with a 128MB or 256MB Flash memory, so there are no moving parts that can make a song skip.

XYZ Optics® maintains critical clarity at all angles of vision, even at the periphery of raked-back lens contours that maximize protection against sun, wind and side impact.

Lightweight O Matter® frame material offers all-day comfort.

Pivoting speaker creates a true fit.

Mini extendible booms that swing away whenever you need to hear your environment.

Flip-up lenses are made of pure Plutonite®, a material that blocks 100% of all UVA, UVB, UVC and harmful blue light.

Speakers reach the full 20kHz limit of human hearing.



No more wires. Mounted on extendible booms, the speakers let you precisely control the balance of music and environment. The flip-up lenses feature patented optics and 100% filtering of all UV, not just UVA and UVB.

## WE PERFECTED VISION TECHNOLOGY. NOW WE'RE ATTACKING YOUR OTHER SENSES.

The best music player on the planet would have no size. It would be built into something you already wear so you could listen to songs anytime, anywhere, without carrying an extra accessory. And it wouldn't have any wires or cords to dangle or tangle. Or speaker buds that jam into your ear canal or fall out when the wind blows.

We solved all those problems by building an entire music system inside a performance eyewear frame. The new OAKLEY THUMP™ isn't a song archive with a bulky hard drive. Our invention stores music in flash memory, so there are no moving parts that can make a song skip. File transfer is fast and easy because we designed OAKLEY THUMP for the songs you want to hear now — not for lugging around your entire music library. It's true music on-the-go, the ultimate in convenience, and it's engineered with premium sound. The miniature speakers reach the full 20kHz limit of human hearing without being oversized like home headphones. They're permanently attached to the frame with mini extendible booms that swing away whenever you need to hear your environment. Matched with patented optics in flip-up lenses, OAKLEY THUMP lets you experience the world in a whole new way. For more info on Oakley Thump go to [oakley.com](http://oakley.com).