

<http://www.pocket-lint.com/news/28241/bibliofile-ebook-reader-concept-design>

Bibliofile ebook reader concept design revealed

With flipper section to turn the page

by Amy-Mae Elliott published on 26 October 2009

The ebook reader marketplace is becoming rapidly populated as manufacturers rush to produce a gadget that not everyone's got yet.

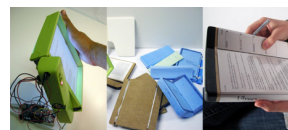
Some potential purchasers are said to be put off from making the leap from hardback to ebook due to the electronic version not offering such a tactile experience.

This new concept design aims to address such issues with a "flipper" section on the right edge that can be pushed up, or down, to virtually turn a page.

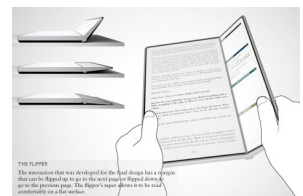
Other innovations within the design include the flip gesture generating power for the device, a neat idea for a power-saving solution.



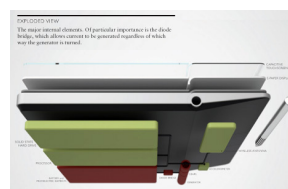
BIBLIOFILE
THE BIBLIOFILE BOOK READER uses gesture-powered page-turning to provide a tactile reading experience. The device is powered by a gesture-powered flipper that generates power for the device. The flipper is a simple mechanical device that can be pushed up or down to turn a page. The flipper is a simple mechanical device that can be pushed up or down to turn a page. The flipper is a simple mechanical device that can be pushed up or down to turn a page.



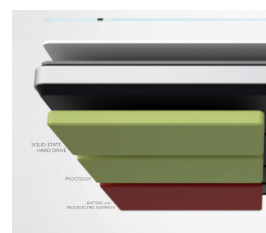
My prototyping efforts were more solid. On the one hand I developed a solid with a mechanical page-turning process that generated power and contained the necessary wiring as a battery, microcontroller and a processor. Consequently, I improved the design that accompanied the final prototype from a simple device to a more sophisticated design that generated power with good ergonomics.



THE FLIPPER
The mechanism that was developed for the final design has a simple design that can be used to go to the next page or flip through pages to the previous page. The flipper is a simple mechanical device that can be pushed up or down to turn a page.



DESIGN DETAILS
The most critical elements of particular importance to the device design, which often comes to the attention of designers, is the gesture-powered page-turning mechanism.



SOLID STATE
The device is a solid state device that can be used to go to the next page or flip through pages to the previous page. The flipper is a simple mechanical device that can be pushed up or down to turn a page.