

## Re: LCD's

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.basics/2006-01/msg01463.html>

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- *From:* "Abstract Dissonance" <Abstract.Dissonance@hotmail.com>
  - *Date:* Mon, 30 Jan 2006 23:03:34 -0600
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"Abstract Dissonance" <Abstract.Dissonance@hotmail.com> wrote in message [news:11trnkmt7kgq7d@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:11trnkmt7kgq7d@xxxxxxxxxxxxxxxxxxxxxxxx)

>I brought some LCD's. One was a package(contained some circuits and stuff)  
>and the other was simply the display itself with no electronics(at .2\$ a  
>piece I thought it couldn't hurt to buy a couple).  
>  
> Anyways, I have no idea how they work and I took 1 of each and decided to  
> tear them apart.  
>  
> The one with no circuitry has 2 glass planes with a backing on them that  
> is silvered and some other semi-transparent mask. I tore the layers apart  
> just to see whats going on but I couldn't really tell. On the glass though  
> I can see what appears to be wires(and the only thing that looks like one  
> could attach something to it)... on another piece I decided to take a 9V  
> and "hook" it up to the wires and I can generate lines across the  
> display... but strange thing is that sometimes it does it when I just  
> press on the wires or something(not sure whats going on here... maybe  
> static electricity?)  
>  
> On the one with the circuitry I tore it apart too and basicaly looks the  
> same except where the wires are it has a long rubber like wire... I did  
> the same thing with the batter and I could make lines(but not much else).  
>  
> Two questions I have is how does the LCD actually work... say, do I apply  
> a voltage across two wires and it makes a pixel light up or what? do each  
> wire have a function(like is there a ground and hot and the rest are  
> controls or what?)  
>  
> Also, on the layers what actually is the liquid part? is it inbetween the  
> two glass plates or was it the stuff I ripped off the back? (I'd guess  
> these are some type of polarization things or something and the liquide is  
> inbetween the two glass plates since)  
>  
> Oh, is there a way to buy those plastic wire things so I could use the  
> LCD's that don't have them(I could try and make my own pcb boards to  
> connect with them?)... ofcourse I'd have to know what those wires do  
> though.  
>

Re: LCD's

> Thanks,  
> AD  
>

Anyone know what I'm talking about or am I just not making any sense? ;)

Jon

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- *Follow-Ups:*

- ◆ *Re: LCD's*

- ◇ *From:* John Jardine.

- *References:*

- ◆ *LCD's*

- ◇ *From:* Abstract Dissonance

- Prev by Date: *linear PS's*

- Next by Date: *Re: looking for a 555 timer circuit*

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