
Subject: Re: Using the AppleColor display for Raspberry Pi output
Posted by [scott](#) on Tue, 16 Dec 2014 19:53:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <31b7c5fb-8f98-449c-9f56-bea81d23b906@googlegroups.com>, <ajross.nz@gmail.com> wrote:

> As you can see in the photo
> (http://apple2.aliross.co.uk/photos/2e/IMG_6092.JPG) it's an Apple IIe
> International NTSC variant.
>
> How to set the Pi to 50hz/625 lines timing is the next challenge! I
> don't see where you can adjust that sort of thing, certainly it doesn't
> seem to be in any of the arguments available for /boot/config.txt.

....and it's all clear now.

Hadn't heard of that variant...thought there were just NTSC and PAL motherboards. I tried googling "Apple IIe international NTSC" and found this:

[http://comp.sys.apple2.narkive.com/uyOi7vAj/international-nt sc-apple-ii-e-motherboard](http://comp.sys.apple2.narkive.com/uyOi7vAj/international-nt-sc-apple-ii-e-motherboard)

> This was the final revision Apple IIe board as used in the platinum IIe's
> shipped internationally. Functionally, it's much the same as its
> predecessor international board; has the aux slot inline with slot 3, has
> the charset switch, runs at 50hz refresh instead of 60hz. Platinum boards
> also have the 'shift key mod' installed (so pressing shift triggers PB2)
> and have superfluous circuitry in the game connector, and can lock up if
> you accidentally press a button on an attached joystick and one of the
> apple keys at the same time.

Sounds like your computer produces a 50-Hz variant of NTSC (NTSC 4.43?). The Raspberry Pi can't do that, so you're not going to get color video on your monitor from it.

/
/ v \ Scott Alfter (remove the obvious to send mail)
(IIGS(<https://alfter.us/> Top-posting!
_^/ >What's the most annoying thing on Usenet?