
Subject: Re: Using the AppleColor display for Raspberry Pi output
Posted by [Anonymous](#) on Tue, 16 Dec 2014 02:15:08 GMT
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Originally posted by: Alistair Ross

Hi Scott,

Yep, I tried all of those modes, including the PAL one to no avail, and yes, I've tried pressing the button. I can see colour in Apple 2 games etc on the monitor, so I'm assuming that the B&W mode is switched in the off position.

The monitor does jump around, but a quick adjustment of the HOLD pot at the back of the monitor makes it nice and steady. The picture looks pretty visible with perhaps just a little bit of flicker, nothing too headache-inducing though!

I'm on 240VAC here in NZ. I seem to remember someone talking a long time ago about the X in the model number of this monitor denoting whether it was NTSC or PAL or something along those lines but I can't remember which.

Alistair J. Ross
Sent from an Apple][

On Mon, 15 Dec 2014, Scott Alfter wrote:

> In article <alpine.DEB.2.02.1412141616061.4437@pi>,
> Alistair Ross <ajross@gmail.com> wrote:
>> I have the AppleColor Composite Monitor IIe, Model number A2M6021X which
>> sits atop my //e platinum and works fairly well. Colours are still
>> vibrant enough and I'm happy with it on the whole.
>>
>> Now, I'm located in New Zealand and I'm aware that NZ uses a variant of
>> PAL to display on their TV sets, but I'm sure that this monitor is just a
>> 'standard' US NTSC monitor. This said, when I plug it into the Raspberry
>> Pi everything is in mono. I thought it must just be a setting in
>> /boot/config.txt so I ensured that the obvious settings like sdtv_mode=0
>> and sdtv_colourburst=0 are forced. No dice.
>>
>> I know it's possible to get this (or at least a variant of this) monitor
>> to display the Raspberry Pi composite output in colour because I watched
>> David Schmenk do it in his Apple2Pi demo video.
>>
>> Does anyone know the secret of getting these monitors in colour when
>> hooking up to a Raspberry Pi or other composite source?
>
> There's a button on those monitors to switch color on and off so you can
> make 80-column text somewhat more legible. Are you sure you've switched
> color on? Also, are you sure that it's an NTSC monitor? If it needs to run

> on 120V and has an American power plug, that would be a point in favor of it
> being an NTSC monitor, but that'd mean you have to run it off of a step-down
> transformer.
>
> Valid options for sdtv_mode on the Raspberry Pi are as follows:
>
> 0 NTSC-M
> 1 NTSC-J
> 2 PAL
> 3 PAL-60
>
> Are you getting a stable, but black-and-white image, or is it rolling
> uncontrollably? If it's stable, try toggling the color switch. If it's
> rolling, you probably have a PAL monitor and need to switch sdtv_mode to 2.
> (3 is a 60-Hz variant of PAL, used in Brazil...it won't do what you need. 1
> is the slightly different Japanese version of NTSC.)
>
> _/_
> /v\ Scott Alfter (remove the obvious to send mail)
> (IIGS(<https://alfter.us/> Top-posting!
> _^/_ >What's the most annoying thing on Usenet?
>
>
