# Hold down OPTION when turning on the Apple IIGS to call up this menu which lets you configure the RGB video port for 60 or 50 hertz operation

The composite video output will also be toggled between 60 or 50 Hz refresh, but either way, NTSC colour burst remains fixed at 3.58MHz (USA norm). 60Hz guarantees a stable picture on any regular NTSC monitor. Some can cope with 50Hz but Vertical-Hold adjustment may be needed. PAL-only composite monitors will give a mono picture.

```
1=Enter the Control Panel.

2=Set system standards and 60 hertz.

3=Set system standards and 50 hertz.

4=Continue restarting the system.




      Press 1,2,3 or 4 to continue.
```

If battery is failing or missing, system self-defaults to 60Hz

**60 Hz** for 120V model AppleColor RGB Monitor *(A2M6014)*

**60 Hz / 50 Hz** for 220/240V models *(A2M6014Z / A2M6014X)*

*(Hertz refers to the vertical scanning frequency)*

# Mac GUI

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# Re: Random Questions about Hardware

## GEnie A2

**Author:** Udo_2000
**Date:** 09 Feb 1994 4:46 am
**Ref:** 1

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Jim, Harold,

the 50 or 60 Hz setting in the IIGS control panel is not that "easy to
understand". I do own 2 IIGSs I bought here in Germany with IIGS RGB
monitors, I bought here in Germany, too, which are for 220 V AC and 50 Hz.
I do have to set 60 Hz in the IIGS control panel, otherwise the picture
quality on the screen is just tooooooo bad. (There are a few guys here in
Germany, who do neat programming tricks and they set 50 Hz in one of their
programs, otherwise they couldn't do, what they are doing, but restore the
setting to 60 Hz on quitting, as every GS here in Germany runs on the 60 Hz
setting.)

Udo        - ... just a IIGS freak -

## File Viewer - AUG.BBS:GS.AUGBBS:GS.94 [Converted Text]

Message 527 read 17 times, Subject : GS RGB Monitor
Posted on the 17-Jul-94 at 12:38
From Michael Bonifacio (00737)


G'day folksw. My problem for today is thus. I have always had my RGB set at
60Hz via the control panel...why? you may ask. Well setting it at 50Hz
always gives me a slightly squashed screen that sit at the top and leave a
2.5cm border at the bottom. No matter how much the verticle and horizontal
hold are adjusted the screen will not sit in the center with a nice even
1 cm border around it as it does so nicely set at 60Hz. Why????
Just go back to a 60Hz setting you may say...well I just got a new Video
overlay Card ( brand new , never opened the box new) at the Mac auction
held by Logic . The price...I'am not saying but it was a bargin.  Oh yes
the  problem. The VOC requires the RGB to be set at 50Hz to sync; in
'the video signal with the GS display. Hence the problem .....
Does any have their RGB set at 50Hz and nicely centered with an even
border??????? Does any one know what I am talking about??

Message 530 read 14 times, Subject : VOC
Posted on the 17-Jul-94 at 18:18
From David Greenland (00198)

You're lucky for getting one of those Michael... All of us are looking for one
   Everybody has to set the monitor to 60Hz for it to give a nice centered
screen, not squished on top.  I'm not quite sure why.  The American power supply
cycles at 60Hz, and ours at 50Hz.  It doesn't seem logical.
 One question:  Have you TRIED the VOC at the 60Hz setting?  Maybe it was an
American manual... just a suggestion.  Does the VOC have a Composite signal
output?  If so, try hooking it up to your VCR.  Maybe your TV would turn out
looking OK.... Keep us posted so we can try to help:)

```
Message 400 read 9 times, Subject : RGB and VOC
Posted on the 18-Jul-94 at 22:17
From Michael Bonifacio (00737)

Yes sir I got a great buy for the VOC.....$20 . Yep $20 Brand New !!!
The manual for the VOC has an Australian PAL supplement stating
that the RGB monitor HAS TO BE AT 50Hz !  The VOC will not syncronize
at 60Hz .
What a bummer to find 6 years after buying the GS that I really had a
dude monitor from the word go. Actually when I first got the GS
I rang Apple to say that I could  not get tge GS monitor to look
AT 50Hz ....they told me not to worry  just run it at the 60Hz
setting. Thanks Apple!
```

```
Message 433 read 11 times, Subject : 50Hz or 60RGB
Posted on the 19-Jul-94 at 12:56
From Michael Bonifacio (00737)

Well folks the news is not good . The word from Apple Australia is that
the problem with the monitor squashing the screen and losing the top
border is a problem with the monitor on all GS computers. So can some
one tell what they do with the VOC installed....just put up with
the non-centered screen or what. I mean if Apple knew that the 50Hz
would put the GS screen out of center why did they release the VOC...
and why did they not fix the bug in the monitor. How can a company
sell a product with a known fault !! I am lucky I paid very little
for my VOC  but what about the users that paid full price... then
end up with a system that is not really preforming to spec
( the problem is not the VOC but the RGB sync at 50Hz)
Any way if other users have got VOC how about some ideas on what
what you are doing.
```