



MAC SYNC ADAPTER

Mac Sync Set-Up

Step 1. Set the Sync Signal

Determine the type of sync signal your monitor requires by seeing how many connectors (BNCs) your monitor accepts on the back. If your monitor has 1, 3 or 4 BNC connectors, your monitor needs the sync signal sent on the GREEN channel. To activate the sync on green circuitry on the adapter, turn on Row A: 7 & 8, and Row B: 7. Hook up the BNC connectors (Red, Green, Blue). If you have a grey scale monitor with only 1 BNC, use the Green cable of any standard 3, 4, or 5 BNC cable.

If your monitor has 5 connectors AND you have a 5 BNC cable, your monitor can receive SEPARATE Horizontal & Vertical sync. To activate the separate sync circuitry on the adapter, turn on Row A: All Off and Row B: 1,2. Hook up all 5 BNC connectors to the back of the monitor (Red, Green, Blue, Grey, Black).

Step 2. Choose the Proper Resolution

From the resolution chart below, choose the proper resolution for your monitor and ADD those switch settings to the adapter. Example: For a 19" resolution with a monitor that needs the sync signal on the green channel, the settings would be Row A: 7,8 and Row B: 5, 6, 7 (A: 7 & 8 and B: 7 for the sync and Row B: 5, 6 for the 19" resolution). Not all resolutions are available for all models. Check the manual that came with your computer or video card for a list of supported resolutions.

Step 3. Installation

After setting both the sync and the resolution, plug the adapter into your computer or video card, plug the video cable into the adapter and power on or restart.

TYPE	RESOLUTION	REFRESH	ROW B
12" RGB	512 x 384	(60hz)	3,4,6
13"/14" RGB	640 x 480	(66hz)	3,6
15" Portrait	640 x 870	(75hz)	3,4,5
VGA	640 x 480	(60hz)	4,5
SVGA*	800 x 600	(56/72hz)	4,5
VESA*	1024 x 768	(60/70hz)	4,5
16" Color	832 x 624	(75hz)	4,6
19" Color	1024 x 768	(75hz)	5,6
21" Color	1152 x 870	(75hz)	3,4,5,6
NTSC	NTSC	(60hz)	3,5,6
PAL	PAL	(50hz)	4,5,6
TYPE	RESOLUTION	ROW A	ROW B
MultiSync 14"/15"	13"-16"	1,2,3,4	3,6
MultiSync 16"/17"	13"-19"	2,3	3,6
MultiSync 21"	13"-21"	1,4	3,6

*Set extended VGA resolutions in the monitors control panel. Hold down option key while selecting options for extended resolutions.



Troubleshooting

The monitor has thin horizontal lines across the screen.

The monitor is probably running at the wrong resolution. Make sure the monitor and computer both support the resolution you have set. Try setting a different resolution and restart your computer. If there is a switch for external/internal sync on the back of the monitor, set it for *external* sync.

The screen is rolling like the vertical hold is off on a TV.

The vertical refresh rate may be wrong. Try one of the VGA family resolutions that support some of the other available refresh rates.

The screen is grey like the screen when the computer first starts.

The video is displaying on an unconnected video card. Remove any third party video cards from your computer or set the startup screen in the monitors control panel.

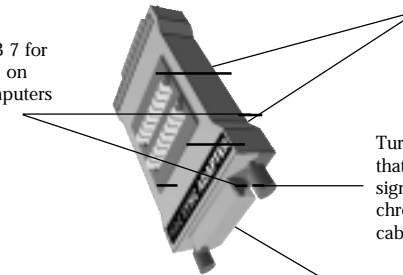
The screen is purple.

This is usually caused by some older incompatible video cables. Try another cable.

The monitor has a distorted, dim but viewable picture.

The monitor may not getting a sync signal. Try turning on either B 1,2 or A 7,8 and B 7.

Turn Switches A 7,8 and B 7 for monitors that require sync on green with the newer computers that do not support this.



Turn on the switches for the resolution you need. Not all resolutions are available for all models.

Turn switch B 8 on for resolutions that send their video and sync signal on blue (i.e. 21" Monochrome and some 1 BNC video cables).

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Turn Switches B 1,2 on for monitors that require separate horizontal and vertical sync signals.



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