

## Instructions for fitting a Fairlight Colour Graphics card to a CMI

The colour graphics card needs to be fitted in the digital card card as follows: With all power off, open the front panel to reveal the digital cards. You will need to remove the Q219 card in slot 25, and replace it with the new card. As you will have to remove a few cables, make a note of where they go by writing on them with a marker pen. The "mono" screened lead that used to go to the old Q219 card is no longer used, so it can be tucked out of the way. When the new card is installed replace all the cables. There is a new 10-way ribbon cable that connects the CFG-3 colour graphics card to the SVGA adapter that will be fitted in the rear of the CMI. I suggest testing the card with the adapter hanging loose, before fixing it in finally. So, plug a monitor into the SVGA adapter (try an ordinary CRT tube one from a PC first, as they all work, whereas some LCD flatscreens do not). Make sure every thing is connected, the adapter card is placed on an insulating surface, and switch on. After seeing the display in wonderful living colour, you can install the adapter as follows: Switch off and remove the white top panel by removing 4 screws in the same horizontal plane. You will now see the two card cages, front and rear. After removing the cable from the adapter, pass the free end vertically up through the black plastic card guides, and pull it towards the rear of the machine. At the mainframe rear, remove the thin blank white panel at the opposite end to where the sampler is. This is done by unscrewing the silver thumb-screws and withdrawing the panel away. Pull the cable into the void created, plug the 10-way cable into the adapter, and fit the adapter in place. Re-test.

As mentioned, because the Fairlight colour graphics is non-standard, not all LCD flatcreens work. What happens is about 1cm of the display is not shown at either the top or bottom of the display. On the following page is a partial list of displays tested, but try a screen before you buy it. Horizontal Productions cannot be held responsible for any mis-match between CMI and new display.

Lastly, the colours can be user defined, but are presently accessed by lines of software code. We are working on a more user friendly interface.

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Cornea Systems ([www.corneasystems.com](http://www.corneasystems.com))

Cornea Systems CT1810 18.1" Flat Screen

Cornea Systems MP704 17" Flat Screen

MITSUBISHI ([www.necmitsubishi.com](http://www.necmitsubishi.com))

Mitsubishi E85LCD 18.1" Flat Screen

NEC ([www.necmitsubishi.com](http://www.necmitsubishi.com))

NEC LCD1700M 17" Flat Screen

NEC LCD1700V 17" Flat Screen

NEC LCD1720M 17" Flat Screen

NEC LCD1800 18.1" Flat Screen

NEC LCD1810 or LCD1810X 18.1" Flat Screen

NEC LCD1830 18.1" Flat Screen

NEC LCD1850E 18.1" Flat Screen

NEC LCD1850X 18.1" Flat Screen

NEC LCD1880SX 18.1" Flat Screen

NEC LCD2000 20.1" Flat Screen

NEC LCD2010 or 2010X 20.1" Flat Screen

NEC LCD2110 21.3" Flat Screen

VIEWSONIC ([www.viewsonic.com](http://www.viewsonic.com))

ViewSonic VG171 or VG171B 17.1" Flat Screen

Viewsonic VG181 or VG181B 18.1" Flat Screen

Viewsonic VG191 19" Flat Screen

Viewsonic VA800 17.4" Flat Screen

Viewsonic VX900 19" Flat Screen

I've also tried several of the NEC 15" monitors (LCD1530, LCD1550) and they work well. I highly recommend the NEC or Mitsubishi brands as they've all worked incredibly well, they look great, and their warranty is top notch!