

Setting up the digital projector.

Switch it on and allow to warm up (ideally 15 mins).

Check the projector menu (button on top):

Under VIDEO, start with **brightness** and **contrast** set manually to zero. **Sharpness** to zero. **Colour mode** to **sRGB** (make sure no-one has altered it from this, especially if the machine has been borrowed!) Set **resolution** manually to **1024x768** (not 1024x768i). Auto doesn't always work as well.

Under SETTINGS set **v-Keystone** and **h-Keystone** to zero.

- 1: Project **Projector focus and contrast.jpg** (on the website <http://ribblesdalecameraclub.org.uk/tips/Fujical.jpg> & http://ribblesdalecameraclub.org.uk/tips/ok_ramp2.gif). Check that:
 - a: all greys are neutral (no? check **colour mode** = **sRGB**. Also right-click on desktop and select **display mode** = **sRGBdefault**.)
 - b: the finest comb pattern is displayed properly. (no? check that image is full-screen and that **resolution**, **sharpness** and **keystones** are correctly set as above. If banding shows on the horizontal comb strips, you may need to adjust **tracking** and **sync** on the VIDEO menu.)
 - c: nothing is missing from the outer edge - should be symmetrical. (**keystone**? Otherwise can adjust **position** on VIDEO menu.)
- 2: Project **ok_ramp2.gif** and lower the **brightness** in the projector's VIDEO menu until the very dark grey and black squares are **only just** distinguishable in the top strip. The correct level will depend on ambient light conditions and may be different from last time the projector was used. It is important to make this correction carefully: if the very dark grey is too pale, correctly adjusted images will look washed-out; if it goes to black, shadow detail will be lost. Check that the white and very light grey bars are also distinct. If the light levels change during the evening, it could be worth repeating this stage.
- 3: Project **fujical.jpg** to demonstrate that all is well.

I have found that if the above settings are made (i.e. the sRGB standard is applied throughout the system) there is no need for adjustment with Adobe Gamma. I have moved the Adobe Gamma Loader shortcut out of the start-up menu onto the desktop to prevent it trying to apply corrections at start-up. It can be dragged back in if required.