



Quick Start Guide ColorFacts Professional Pioneer Plasma Panel C3 Setup

A) Set Up

Steps 1 and 3 of these set up instructions only need to be followed the first time that ColorFacts is being installed on a computer. Step 4 only needs to be followed when a panel is being calibrated with ColorFacts for the first time.

1. Check the contents of the kit

- 1 Spyder2 Sensor
- 1 Spyder2 Tripod Attachment
- 1 ColorFacts Professional 6.0 Software CD
- 1 ColorFacts Professional Test Pattern DVD
- 1 ColorFacts Professional User Guide
- 1 Quick Start Guide for Pioneer Training: "Introduction to ISF"
- 1 Pair of Blue Filter Glasses
- 1 USB-Serial Adapter
- 1 USB License Dongle
- 2 Keys for the Carrying Case

2. Hooking the system up to the panel

- If possible, make sure your notebook is hooked up to a power supply.
- Plug the USB-to-serial adapter into one of your USB ports. Then connect the adapter to the "Service Only" port of the media receiver with a serial cable.
Note: If you have a serial port on your computer, you can use that one instead of the USB adapter. Another option is to use a PCMCIA-to-serial adapter card.
- Make sure that the media receiver is connected properly to the plasma panel (currently supported models are: 436XDE, 506XDE, 436FDE, and 506FDE).
- Make sure that the DVD player is connected properly and then put in the ColorFacts Professional DVD.

3. Installation and settings on your computer (instructions based on Windows XP)

- I. Insert the ColorFacts Professional Software CD in your computer's CD-ROM drive and install the driver software for the USB-Serial adapter. After restarting your computer, install the ColorFacts Professional Software.
- II. Open the "System" control panel (in the Windows task bar open the "Start" menu and then -> Control Panel -> System) and select the "Hardware" tab.
- III. Click the "Device Manager" button. In the tree menu, open the item "Ports (COM & LPT)" and check on what port number the USB-to-serial adapter is connected (for example: COM5).

4. Preparing the panel for C3 communication

- I. While the panel is in Stand-By mode, aim the remote control at it and press the info button (only necessary if the panel has been switched off for more than 10 seconds, in order to make it respond while it is still in Stand-By).

- II. Press and hold down first the "Home Menu", then the "Power" button. Shortly after (within a second or so), release first the "Home Menu", then the "Power" button. The panel should now switch on and display the integrator menu.
- III. Using the left and right arrows on your remote control, make sure that SR+ is set to "OFF" or "RS-232C" to "ON" (depends on model). Then scroll down to "UART SELECT" and set the baud rate to 9600BPS.
- IV. Switch off the panel with the remote control (Stand-By).

Note: For more information on the C3 Remote Tool and how to connect to the panel, please refer to the comprehensive ColorFacts Professional manual.

5. Starting the software and connecting to the panel

- I. Plug the USB license dongle into one of your USB ports. Make sure that Windows recognizes the new hardware and then start the ColorFacts Professional software. The splash screen should now indicate, that the software is licensed.
- II. If you have an additional USB plug available, use it to plug in the Spyder2 meter. If all of your USB ports are already in use, unplug the dongle after having started the software and use that port for the Spyder2.
- III. From the menu, select -> Meter -> Connect to Meter...
A window pops up that tells you that the software is now connecting to the Spyder2.
- IV. From the menu, select -> Tools -> C3 Remote. If your panel now switches on and the C3 Remote shows the display info, you are connected to the panel.
If you cannot connect (indicated by an error message), select "No" when being asked if you want the C3 Remote to try to auto-connect to the panel.
Now select the "Options" tab in the C3 Remote and manually select the correct plasma model and COM port (see Step 3.III.). Also make sure that the Baud rate is set to 9600. Click "Save" and you should automatically get connected to the panel (it switches on).
- V. Select the "Calibrate" tab at the bottom of the C3 Remote Tool, select the input you want to calibrate (DVD player) and chose if you want to save your calibration as "ISF Day Mode" or "ISF Night Mode". Then click the "Calibrate" button.
- VI. You have now direct access to the panel and the C3 Remote Tool shows the settings that can be changed through C3. You are now ready to begin with the (pre-) calibration.

Note: Depending on the firmware version of a panel, you might encounter two small issues, which can easily be resolved:

- *The first time you try to save settings to the panel, the settings get lost...
To avoid this, simply save some "fake settings" without actually calibrating the panel first. Then reconnect to the panel and you should be able to save your real calibration settings without problems.*
- *While calibrating, the connection to the panel times out...
To avoid this, keep saving your settings regularly while you are calibrating (at least every 8 minutes).*