



2009-04-24/KL
Version 1.3

Installation Guide: Radiforce GS520 monitor

1. Please note that User Manuals are supplied on the enclosed LCD Utility Disk.
2. Start by installing the videoboard according manufacturers instructions.
As preference a IMP LCD monitor could be connected during this procedure.
3. Switch off computer and connect booth GS520 matched monitors with supplied DVI and USB cables.
NOTE: Monitors are supplied in pairs matched to the LCD color tones. Make sure that pairs are not mixed during the installation procedure.
4. Swith on each monitor with main power switch at backside of monitor.
Then switch on with touch power switch on front at the same time you press front button **M(ode)** and the power indicator light should turn from orange to green.
5. In the upcoming menu select *Standard* or rather *Dual Link* for highest graphics performance.
NOTE: *Dual Link* requires DualLink DVI Cables to be ordered separately (type no DD200DL)
Then press **Enter** and select *Landscape* or *Portrait HW rotation* depending on the direction of monitors .
6. Switch on computer and adjust graphics resolution to 2560x2048, 32 bits color
7. To access all important monitor functions the supplied programs on Utility CD, **RadiCS LE + ScreenManager Pro Medical**, must be installed .
8. First run **RadiCS LE** and detect monitors according page 9-11 in RadiCS LE manual.
Then start **ScreenManager...** and activate **Eizo Backlight Saver** with proper timing interval by following instructions in **Screen Manager...** manual.
This function is very important for optimization of energy saving and maximum monitor lifetime.
9. The monitors are precalibrated according DICOM at max luminance 500 cd/m² and with resulting settings stored in LUT curve **DICOM-CL**.
This setting is selected with the **M(ode)** button, first from left on the front.
10. Buttons are locked/unlocked according instructions at page 24 in GS520-manual.
11. If there is a need of a lower or higher luminance you should perform a recalibration with the internal light sensor or with an external Eizo UXS or G1 sensor.
Recalibration with internal sensor requires that monitor has been switched on for at least 30 min.
NOTE: For optimal greyscale quality external sensor UXS should be used whenever possible.
12. Calibration procedure is described in RadiCS LE manual on CD.
13. Prepare calibration by selecting a new value for max luminance, e.g 450 cd/m².
See page 14-15 in RadiCS manual.
14. Perform calibration according page 21 in RadiCS-LE manual.
15. Image quality should be finally checked with a TG18-QC test image, see page 23 in RadiCS LE-manual.

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