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If you do not complete the steps below successfully, you will not be able to control the iBall / FanScreen / SignLine / WallScreen Device(s) with the 'Spacial Display Editor' software.

Getting Started

Setting up the Spacial Display Editor Software

Insert the 'Spacial Display Editor' setup CD into your PC CD drive. If setup does not start within a short time, then use Explorer or My Computer to open 'Setup' or 'Setup.exe' on the CD.

Once the software is installed, run 'Spacial Display Editor' by double clicking the  shortcut that is created.

Entering your Customer Serial Number

When you first run the 'Spacial Display Editor', you will be prompted for your Name and 'Customer Serial Number'. Enter a Name. The 'Customer Serial Number' can be found on the back of the CD cover.

Setting up the Comm Port

After entering Name and 'Customer Serial Number', the 'Settings' window appears. Select a spare comm port then click 'Done'.

Connect the PC comm port you selected in the 'Settings' window to the Device, using the 9 pin serial cable provided.

Selecting the Demo Zone (SDE V2.031 onwards)

When prompted, select a Demo Zone that matches your Device type.

Adding your Devices Serial Number to the Device List

Next you will be advised 'There are no Devices in the Device List'.

Click the OK button, then select 'Type of Device' according to your Devices type.

Enter the 'Device Serial Number'. The 'Device Serial Number' which contains only digits '0' to '9' and letters 'A' to 'F' can be found in the following locations:-


- iBall – On the metal base plate of the iBall, near the power input. Or on earlier iBalls, on the separate rectangular metal base plate, which can be found in the bottom of the packing box.
- FanScreen – On the back of the LED vane.
- SignLine – On the back of the PCB.
- WallScreen – On the back of the unit.

Click 'Add' to add the 'Device Serial Number' to the Device List. Click 'No' to the 'Add another' prompt.

Powering up the Device

Connect power to the Device and switch on. Observe the RED, GREEN, BLUE self test, then the four sets of sixteen 'memory test' lines.

Channel Assignment

In the 'Device List' window, click the  tool bar button to 'Assign Channels' to the Device.

Observe the Device reset just as in 'Powering up the Device' above. This indicates success.

If nothing happens then, you are probably connected to the wrong comm port, or have the wrong comm port selected in the 'Settings' window. Re check steps above and try again. Make sure the 'Device Serial Number' is in the Device List.

The Device Serial Numbers and Channel Assignment are for security purposes. They ensure only 'Spacial Display Editor' with your 'Customer Serial Number' can control your Device(s).

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Uploading

Uploading, is the process of transferring image data from 'Spacial Display Editor' to the Device.

In the 'Spacial Display Editor' main window, click the  toolbar button to open the 'Upload' window.

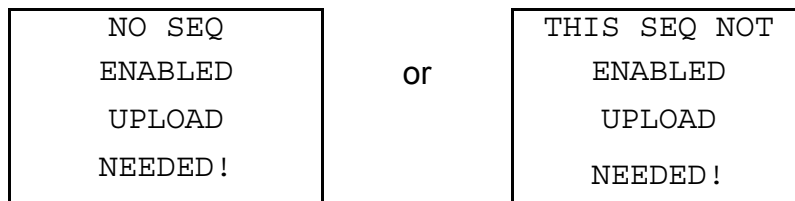
In the 'Upload' window, click the  button to commence Upload.

Click 'Yes' when prompted to 'Synchronize PC and Device clocks'

Once the Upload is finished, turn off the Device, wait 30 seconds, then turn on the Device.

Battery Backup

When the iBall / FanScreen / SignLine / WallScreen device is off, the image data in its 64Mb onboard memory is retained by a battery backup circuit. If left switched off for more than two weeks the battery backup circuit will become completely drained, the memory data will be lost and one of the two following diagnostic messages will be displayed:





Once drained the battery backup circuit takes 72 hours to fully re-charge.

iBall / FanScreen / SignLine / WallScreen devices are designed for frequent use and need to be switched on 20% of the time to keep the battery backup circuit charged.

If the battery backup circuit becomes completely drained, you will need to repeat the steps in 'Getting Started', beginning with 'Powering up the Device'. Otherwise you will not be able to control or Upload to the Device.

Useful Toolbar Buttons

From the 'Main' window, click the  toolbar button to view the 'Device List' window.

From the 'Main' window, use the  tool bar button if you need to change the comm. port.