

Introducing the new OKI Pro6410 NeonColour Printer and SpaceControl Neon.

Colour+White configuration like 711WT/920WT with fluorescent neon toners: M/Pink, Y/Yellow, C/Blue and fluo White plus an optional Black Print Unit swap for the White.

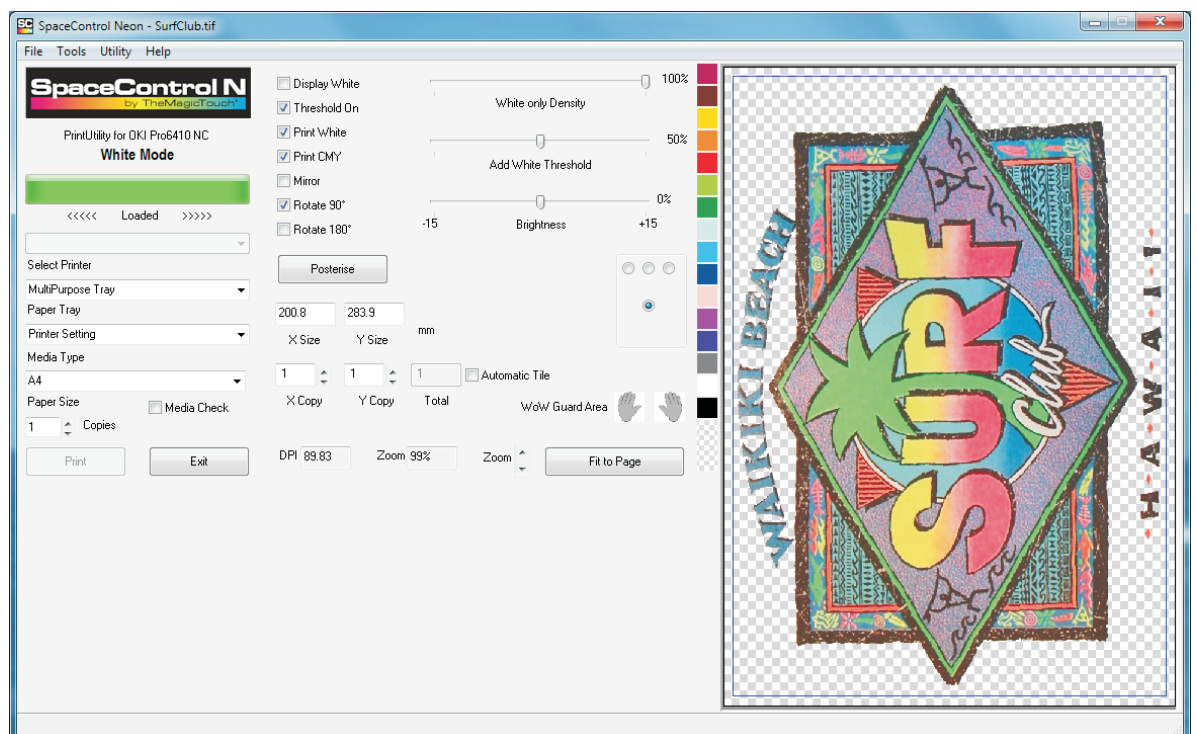
The Neon Colours require a complete new thinking about printing half tone bit maps/photos as the Neon Colours do not blend together like normal process CMY colours do: They cannot generate real black but only charcoal and lose their Neon day bright effect the moment you start mixing them.

New thinking is also required regarding the applications, especially background colours.

Fluorescent Pink, Yellow and especially White are the hit on party garment for disco and dance events etc. shining super bright in UV black light. In this case the background/garment colour should be black for the strongest effect. However, those applications will not be very bright in daylight.

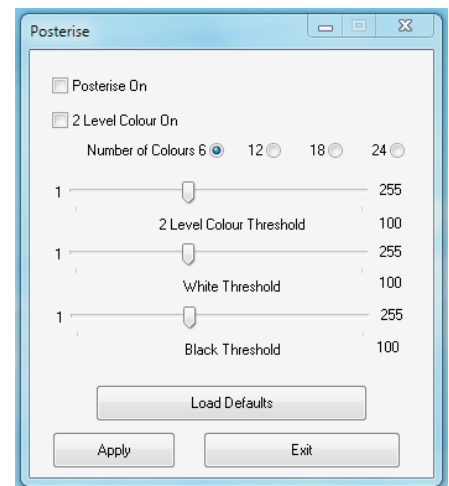
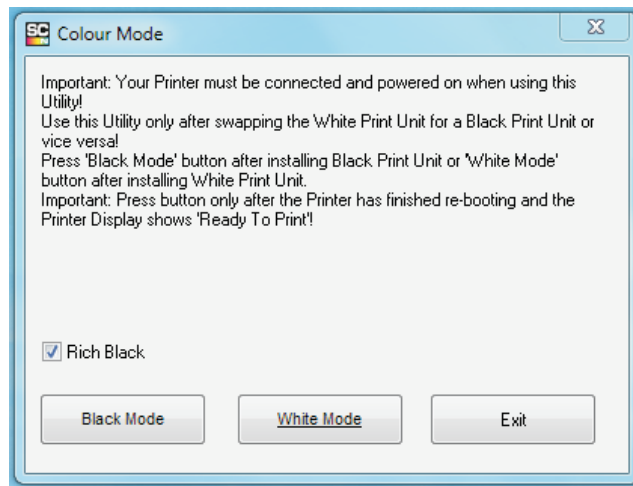
Strong day bright effect, especially for Pink and Yellow, can only be achieved on white background and only if the colours are not mixed with others. Further, black outlines around Pink and Yellow areas enhance the neon strength. Judging the potential applications between day and night printing on white background for daylight applications will be most likely the most common.

As mentioned before, the Neon Pink, Yellow and Blue cannot generate real black but only charcoal. Therefore the Pro6410 NeonColour printer comes with a swap option to change white for black and vice versa. Because you would need to swap the whole Print Unit (TC&ID) the printer comes with single part Print Units for all colours that will be replaced in one piece when used up. Advantage of this choice is that the Image Drums (ID's) will be changed earlier than normal factory life substantially reducing the white/grey background potential.



Introduction

Swapping the white Print Unit for black once you print on white background and eliminate bit map half tones by using the 'Posterise' (Reduce number of colours) tool box available in the SpaceControl Neon version are about the most important features to achieve stunning Neon Colour effects in daylight use.



SpaceControl Neon has been prepared based on the regular CMY+W Version 3 and comes with 2 extra features: 'Colour Mode' to switch between 'Black Mode' and 'White Mode' depending on which Print Unit is installed and the 'Posterise' tool box to convert half tone bit maps into a limited number of colours to preserve the Neon day bright effect of the Pink and Yellow colours. You will need to play with the 'Posterise' tools and print on plain paper to fully understand the scope.

