

## Benefits of the FJ-42/52 upgrade

### New “540dpi” Print Mode

The new "Fine 2" (540 dpi) mode gives smoother blends and richer colors at faster speeds.

### *540 dpi = QUALITY + SPEED*

The FJ-42/52 adds one more print speed to its capabilities. The addition of this print speed – designed specifically for sign makers – the perfect trade-off between speed and quality. 540 dpi produces excellent photo-quality images every time on high-gloss vinyl and PET-G media at the print speeds necessary for sign makers.

### Roland ColorChoice® 3.0

Included with the upgrade is the latest version of Roland ColorChoice®, which adds support for the new print modes – specifically 540dpi RIPing and print mode control.

### New High Speed Print Mode in Photo & Super (uni-directional & bi-directional) modes

To use the High-Speed on the FJ-42/52 – you have to enable the High-Speed mode on the machine and turn off the driver options in the Roland ColorChoice® software. A firmware update needs to be performed before “HS” modes will be functional. There is a significant improvement in print speed using the High-Speed print modes.

We tested the new print modes using a 24” x 36” image. We RIPed and printed an image for the following eight print modes. All testing was done with the latest Roland ColorChoice® software that supports the FJ-42/52. We were connected to the printer via an USB-Parallel cable on a Windows® 2000 platform PC.

This chart shows the difference in time to produce a 24 x 36 image in the High-Speed (HS) mode and in the normal print mode that the high-speed mode can replace.

Print Mode	Print Times	Percent Faster – HS vs. normal
Super-Uni	34’04”	
HS-Super Uni	29’17”	15% faster
Super-Bi	22’47”	
HS-Super Bi	15’27”	32% faster
Photo-Uni	69’12”	
HS-Photo Uni	59’44”	15% faster
Photo Bi	45’55”	

HS-Photo Bi	31'01'	32% faster
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