



# Roland DG DGXPRESS UG-642

This document bridges the gap between the Fiery XF documentation and the Roland DGXPRESS UG-642 documentation.

Refer to the Installation section before you connect the printer to a computer. The operation section has information on profile generation and everyday use. Please refer also to the documentation shipped with your printer, which you can also download from [here](#).

## General settings

The printer driver supports the printers: Roland DGXPRESS UG-642.

Environment requirements are as follows: The driver is available for Windows only. This printer connects via network port to the XF server.

Products based on Fiery XF technology: Fiery XF 8.0

Fiery XF Model	Description
Roland DGXPRESS UG-642	4 colors (CMYK)
Roland DGXPRESS UG-642 GIW	6 colors (CMYKGIW)

## Operation

### Color Tools settings

- **Dot size:**

The dot size cannot be selected. The printer driver decides which dot size (Variable, Fixed, etc.) to use.

- **Ink type:**

This printer supports only D-UAP ink.

- **Layered printing and split head control:**



Layered printing  
and split head control

### Print mode information:

FS = Feed Speed(mm/sec). SS = Scan Speed(mm/sec). DS = Dot Size Definition. DT = Dot Type. Pass = PassesPerLine.

**Roland DGXPRESS UG-642:**

Print Mode	Resolution	FS	SS	Pass	DS	DT	Media Type
High Speed   5p	720x600	50	1354	2	SML	1	Generic
High Speed   6p (A)	720x600	40	1354	2	SML	1	Generic
High Speed   6p (B)	720x600	40	812	2	SML	1	Generic
High Speed   8p	720x900	30	812	2	SML	1	Generic
High Speed   9p (A)	720x900	30	1354	2	SML	1	Generic
High Speed   9p (B)	720x900	30	812	2	SML	1	Generic
High Speed   12p (A)	720x900	20	1354	2	SML	1	Generic
High Speed   12p (B)	720x900	20	812	2	SML	1	Generic
Standard   16p	720x1200	20	1354	2	SML	1	Generic
Standard   12p	1200x1200	20	677	2	SML	1	Generic
Standard   16p	1200x1200	20	812	2	SML	1	Generic

**Roland DGXPRESS UG-642 GIW:**

High Speed   5p	720x600	20	1354	2	SML	1	Generic
High Speed   6p (A)	720x600	20	1354	2	SML	1	Generic
High Speed   6p (B)	720x600	20	812	2	SML	1	Generic
High Speed   6p (C)	720x600	30	812	2	SML	1	Generic
High Speed   6p (White) (A)	720x600	20	1354	2	SML	1	Special effects
High Speed   6p (White) (B)	720x600	20	812	2	SML	1	Special effects
High Speed   8p (White)	720x600	30	812	2	SML	1	Special effects
High Speed   6p (White HD)	720x600	20	677	2	SML	7	Special effects
High Speed   8p (White HD)	720x600	30	677	2	SML	7	Special effects
High Speed   6p (CMYK->Wh) (A)	720x600	20	1354	2	SML	1	Generic with special effects
High Speed   6p (CMYK->Wh) (B)	720x600	20	812	2	SML	1	Generic with special effects
High Speed   8p (CMYK->Wh)	720x600	30	812	2	SML	1	Generic with special effects
High Speed   6p (CMYK->Wh HD)	720x600	20	677	2	SML	7	Generic with special effects
High Speed   8p (CMYK->Wh HD)	720x600	30	677	2	SML	7	Generic with special effects
High Speed   6p (CMYK->GlossVarnish)	720x600	30	812	2	SML	2	Generic with special effects
High Speed   6p (CMYK->MatteVarnish)	720x600	30	812	2	SML	1	Generic with special effects
High Speed   8p	720x900	30	812	2	SML	1	Generic
High Speed   9p (A)	720x900	20	1354	2	SML	1	Generic
High Speed   9p (B)	720x900	20	812	2	SML	1	Generic
High Speed   12p (A)	720x900	10	1354	2	SML	1	Generic
High Speed   12p (B)	720x900	10	812	2	SML	1	Generic
High Speed   9p (White) (A)	720x900	20	1354	2	SML	1	Special effects
High Speed   9p (White) (B)	720x900	20	812	2	SML	1	Special effects
High Speed   12p (White) (A)	720x900	10	1354	2	SML	1	Special effects
High Speed   12p (White) (B)	720x900	10	812	2	SML	1	Special effects
High Speed   12p (White) (C)	720x900	30	812	2	SML	1	Special effects

High Speed   9p (White HD)	720x900	20	677	2	SML	7	Special effects
High Speed   12p (White HD) (A)	720x900	10	677	2	SML	7	Special effects
High Speed   12p (White HD) (B)	720x900	30	677	2	SML	7	Special effects
High Speed   9p (CMYK->Wh) (A)	720x900	20	1354	2	SML	1	Generic with special effects
High Speed   9p (CMYK->Wh) (B)	720x900	20	812	2	SML	1	Generic with special effects
High Speed   12p (CMYK->Wh) (A)	720x900	10	1354	2	SML	1	Generic with special effects
High Speed   12p (CMYK->Wh) (B)	720x900	10	812	2	SML	1	Generic with special effects
High Speed   12p (CMYK->Wh) (C)	720x900	30	812	2	SML	1	Generic with special effects
High Speed   9p (CMYK->Wh HD)	720x900	20	677	2	SML	7	Generic with special effects
High Speed   12p (CMYK->Wh HD) (A)	720x900	10	677	2	SML	7	Generic with special effects
High Speed   12p (CMYK->Wh HD) (B)	720x900	30	677	2	SML	7	Generic with special effects
High Speed   8p (CMYK->GlossVarnish)	720x900	20	812	2	SML	2	Generic with special effects
High Speed   9p (CMYK->GlossVarnish) (A)	720x900	20	1354	2	SML	1	Generic with special effects
High Speed   9p (CMYK->GlossVarnish) (B)	720x900	20	812	2	SML	2	Generic with special effects
High Speed   12p (CMYK->GlossVarnish) (A)	720x900	10	1354	2	SML	1	Generic with special effects
High Speed   12p (CMYK->GlossVarnish) (B)	720x900	10	812	2	SML	2	Generic with special effects
High Speed   8p (CMYK->MatteVarnish)	720x900	20	812	2	SML	1	Generic with special effects
High Speed   9p (CMYK->MatteVarnish) (A)	720x900	20	1354	2	SML	1	Generic with special effects
High Speed   9p (CMYK->MatteVarnish) (B)	720x900	20	812	2	SML	1	Generic with special effects
High Speed   12p (CMYK->MatteVarnish) (A)	720x900	10	1354	2	SML	1	Generic with special effects
High Speed   12p (CMYK->MatteVarnish) (B)	720x900	10	812	2	SML	1	Generic with special effects
High Speed   8p (GlossVarnish) (A)	720x900	10	1354	2	SML	1	Special effects
High Speed   8p (GlossVarnish) (B)	720x900	10	1016	2	SML	2	Special effects
High Speed   12p (MatteVarnish)	720x900	10	1354	2	SML	1	Special effects
High Quality   16p	720x1200	10	1354	2	SML	1	Generic
High Quality   16p (White)	720x1200	10	1354	2	SML	1	Special effects
High Quality   16p (White HD)	720x1200	10	677	2	SML	7	Special effects
High Quality   16p (CMYK->Wh)	720x1200	10	1354	2	SML	1	Generic with special effects
High Quality   16p (CMYK->Wh HD)	720x1200	10	677	2	SML	7	Generic with special effects
High Quality   16p (CMYK->GlossVarnish)	720x1200	10	1354	2	SML	1	Generic with special effects
High Quality   16p (CMYK->MatteVarnish)	720x1200	10	1354	2	SML	1	Generic with special effects
Standard   10p (GlossVarnish)	720x1200	10	1016	2	SML	2	Special effects
Standard   12p (GlossVarnish)	720x1200	10	1016	2	SML	2	Special effects
High Quality   16p (MatteVarnish) (A)	720x1200	10	1354	2	SML	1	Special effects
High Quality   16p (MatteVarnish) (B)	720x1200	10	1016	2	SML	2	Special effects
High Quality   12p	1200x1200	20	677	2	SML	1	Generic
High Quality   16p	1200x1200	10	812	2	SML	1	Generic
High Quality   16p (White) (A)	1200x1200	10	812	2	SML	1	Special effects
High Quality   16p (White) (B)	1200x1200	20	677	2	SML	1	Special effects
High Quality   16p (White HD) (A)	1200x1200	10	406	2	SML	7	Special effects
High Quality   16p (White HD) (B)	1200x1200	20	406	2	SML	7	Special effects
High Quality   16p (CMYK->Wh) (A)	1200x1200	10	812	2	SML	1	Generic with special effects
High Quality   16p (CMYK->Wh) (B)	1200x1200	20	677	2	SML	1	Generic with special effects

High Quality   16p (CMYK->Wh HD) (A)	1200x1200	10	406	2	SML	7	Generic with special effects
High Quality   16p (CMYK->Wh HD) (B)	1200x1200	20	406	2	SML	7	Generic with special effects
High Quality   12p (CMYK->GlossVarnish)	1200x1200	20	609	2	SML	2	Generic with special effects
High Quality   16p (CMYK->GlossVarnish)	1200x1200	10	609	2	SML	2	Generic with special effects
High Quality   12p (CMYK->MatteVarnish)	1200x1200	20	677	2	SML	1	Generic with special effects
High Quality   16p (CMYK->MatteVarnish)	1200x1200	10	812	2	SML	1	Generic with special effects

**Dot Type Information:**

**D-UAP INK**

Dot Type		Small	Medium	Large			
1	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	13.40
	Gloss				4.20	8.70	12.50
	Primer				4.20	8.70	12.50
2	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	13.40
	Gloss				4.20	8.70	16.80
	Primer				4.20	8.70	12.50
3	Cyan	4.20	8.70	16.80			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	13.40
	Gloss				4.20	8.70	16.80
	Primer				4.20	8.70	16.80
4	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	18.00
	Gloss				4.20	8.70	12.50
	Primer				4.20	8.70	12.50
5	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	18.00
	Gloss				4.20	8.70	16.80
	Primer				4.20	8.70	12.50
6	Cyan	4.20	8.70	16.80			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	18.00
	Gloss				4.20	8.70	16.80
	Primer				4.20	8.70	16.80
7	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	26.80
	Gloss				4.20	8.70	12.50
	Primer				4.20	8.70	12.50
8	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	13.40
	Gloss				4.20	8.70	25.00
	Primer				4.20	8.70	12.50

9	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	26.80
	Gloss				4.20	8.70	16.80
	Primer				4.20	8.70	12.50
10	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	18.00
	Gloss				4.20	8.70	25.00
	Primer				4.20	8.70	12.50
11	Cyan	4.20	8.70	12.50			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	26.80
	Gloss				4.20	8.70	25.00
	Primer				4.20	8.70	12.50
12	Cyan	4.20	8.70	16.80			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	26.80
	Gloss				4.20	8.70	16.80
	Primer				4.20	8.70	16.80
13	Cyan	4.20	8.70	16.80			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	18.00
	Gloss				4.20	8.70	25.00
	Primer				4.20	8.70	16.80
14	Cyan	4.20	8.70	16.80			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	26.80
	Gloss				4.20	8.70	25.00
	Primer				4.20	8.70	16.80
15	Cyan	4.20	8.70	25.00			
	Magenta						
	Yellow						
	Black						
	Orange						
	Red						
	White				4.90	9.50	26.80
	Gloss				4.20	8.70	25.00
	Primer				4.20	8.70	25.00