

# UJF-7151plus/UJF-3042MkII/UJF-3042MkII EX/UJF-6042MkII

## Braille Print Guide

This guide shows you how to print braille using UV curable ink LH-100 (Clear, PR-200) for UJF-7151plus/UJF-3042MkII/UJF-3042MkII EX/UJF-6042MkII.  
Read this guide thoroughly before use.

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## Notations used in this document

- Items and buttons displayed in menus and on screens are marked with square brackets ([ ]) as in [File].
- RasterLink6Plus and RasterLink7 are referred to as RasterLink in together.

## Screen image used in this document

- The explanation is based on the screen image of RasterLink6Plus as an example.

## Symbols



- This symbol indicates important information for using this product.



- This symbol indicates useful information.

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## About Braille Printing

By setting a spot color name for the braille data you created, you can easily print braille in a dome shape which conforms to ADA (Americans with Disabilities Act) and JIS (Japanese Industrial Standard) (Quality standard JIS T9253 for braille with UV-curable resin ink).



- The dome shape may be slightly different depending on the differences in printer condition, settings, or media types.

## Target Environment and Notes

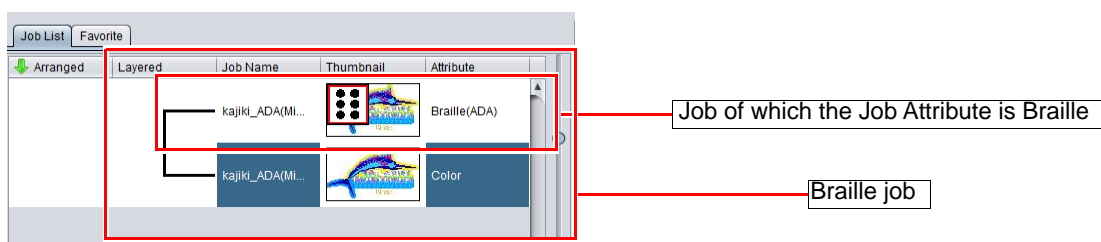
Check the following target environment and notes.

### Target Environment

<b>Printer</b>	<ul style="list-style-type: none"><li>• UJF-7151plus/UJF-3042MkII/UJF-3042MkII EX/UJF-6042MkII</li></ul>
<b>Ink</b>	<ul style="list-style-type: none"><li>• LH-100 (Clear, PR-200) Braille is created using Clear and Primer.</li></ul>
<b>Mimaki Driver</b>	<ul style="list-style-type: none"><li>• When using RasterLink6Plus: The version that is compatible with the printer you use.</li><li>• When using RasterLink7: Ver.5.4.1 or later</li></ul>
<b>Software</b>	<ul style="list-style-type: none"><li>• RasterLink6Plus Ver.1.8 or later</li><li>• RasterLink7 Ver.1.3.1 or later</li><li>• RasterLinkTools for Illustrator Ver.1.5.3 or later</li><li>• [Windows] Adobe® Illustrator® CS6 or later version</li><li>• [Macintosh] Adobe® Illustrator® CS6 or later version</li></ul>

### Notations for the Jobs

In this guide, terms "Braille job" and "Job of which Job Attribute is Braille" are used, and each represents the following condition. Make sure you do not get them mixed up.



### Notes



- For the job of which Job Attribute is Braille, Braille is not be displayed for preview.
- Braille job and cut job cannot be composed.

## Role of Software

The roles of software are as follows.


### Illustrator

#### Creating Braille data

Create the Braille data based on the Braille syntax.

### RasterLinkTools

#### Set the spot color for Braille printing

You can set the spot color dedicated for Braille printing for the Braille data you created by clicking the Braille button  once.

### RasterLink

#### Printing Braille

You can print the dome-shaped Braille automatically without setting the print count and so on.

## Preparation for Braille Printing

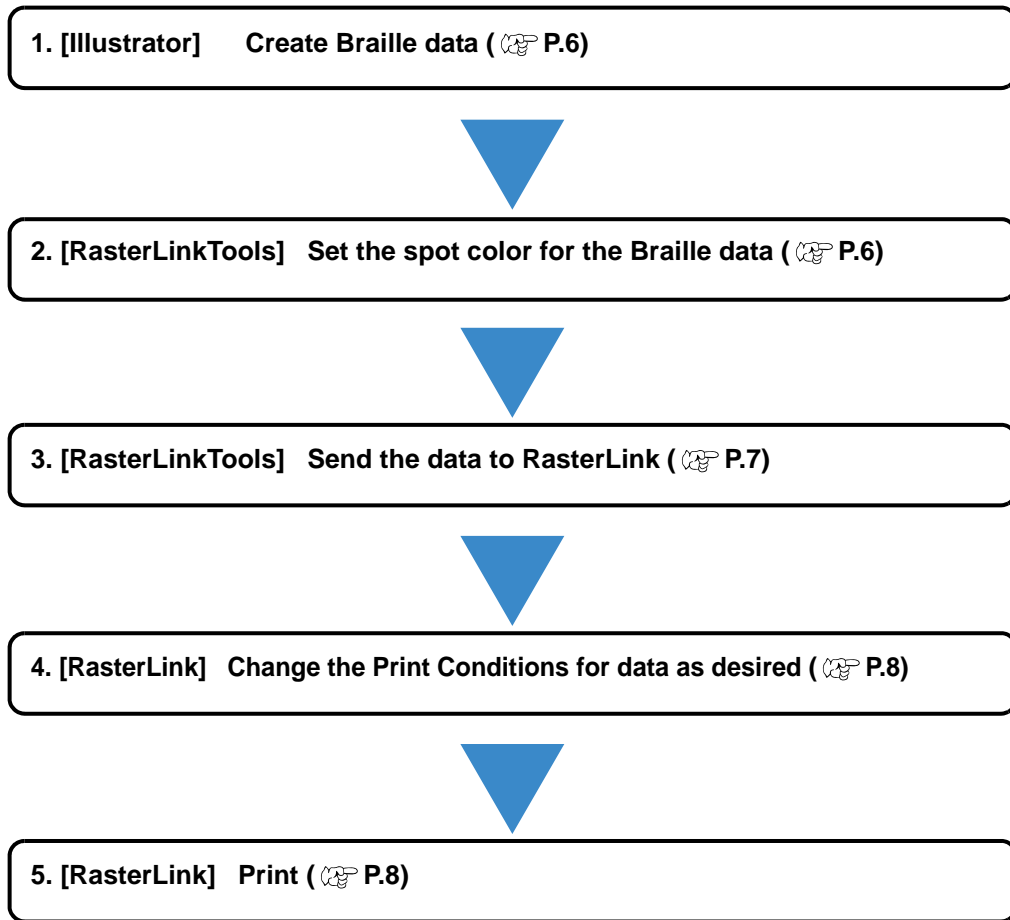
Before performing Braille printing, install the profiles in the following list to RasterLink for the target printer. If Braille data is sent to RasterLink without the following profiles installed, an error message is displayed, and Braille data cannot be read in.

Printer	Ink set	Output setting	Media	Media material
UJF-7151plus	LH-100 CMYK	600 x 900VD	UV- PET	White PET Gloss
UJF-3042MkII	LH-100 CMYK	1200 x 1200VD*	UV- PET V3.5	
UJF-3042MkII EX	LH-100 CMYK	1200 x 1200VD*	UV- PET V3.5	
	LH-100 CMYKLcLm			
UJF-6042MkII	LH-100 CMYK	1200 x 1200VD*	UV- PET V3.5	
	LH-100 CMYKLcLm			

\*For UJF-3042MkII, UJF-3042MkII EX and UJF-6042MkII, only the last print layer (Clear) is printed at 600 x 600VD.

# Print Braille

Print Braille on the color plate. Here, the following procedure is used for an explanation using an example of the standards for Braille of ADA.



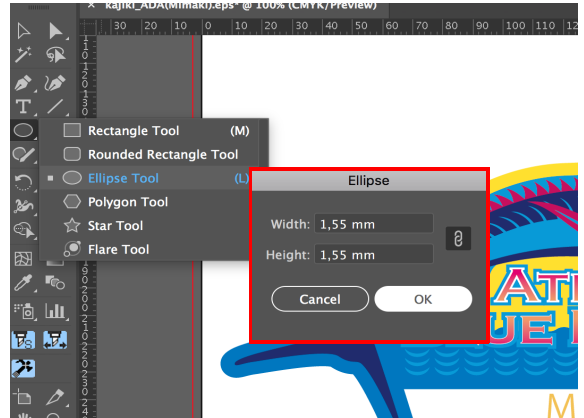
# 1. Create the Braille data. (Illustrator)

- (1) Based on the Braille syntax, check the Braille arrangement for the character you want to create.

Example

Mimaki →

- (2) Use the Ellipse Tool in Illustrator to create the following shape.
  - Shape: Perfect circle
  - Diameter: 1.55 mm (ADA)If you set the Line to none, it will be easier to adjust the position in the next step.



- (3) Layout the shape you created in (2) based on the standards for Braille of ADA.



# 2. Set the spot color for the Braille data. (RasterLinkTools)

- (1) Select the Braille data on Illustrator.



- (2) Click the [Braille] icon on RasterLinkTools.



- "MmkBraille\_ADA" is attached to the Braille data line, and the Stroke is set to "0.5 pt", and the Paint is set to "None".



**Important!**

- Braille may not be printed correctly with data that includes transparency effects. When printing is not correctly with RasterLink7, save it in PDF format of PDF 1.4 or later from the file save function of Illustrator.

### 3. Send the data to RasterLink (RasterLinkTools)

**Important!**

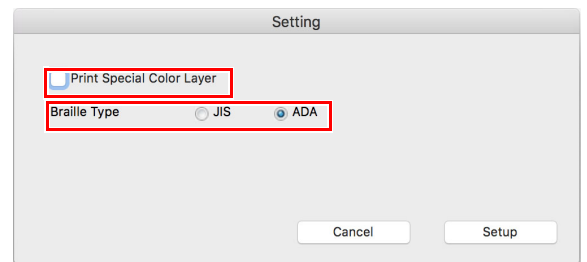
- Before outputting the Braille data to RasterLink, make sure you check the conditions in the following procedure.

(1) Click the [Setup] icon on RasterLinkTools.



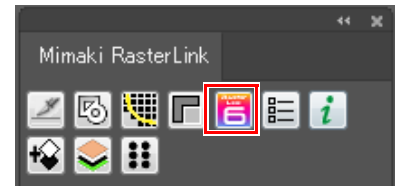
(2) Check the following conditions.

- The [Print Special Color Layer] check box is off.
- [ADA] is selected for [Braille Type]. The default value for the OS other than Japanese is set to [ADA], and for the Japanese is set to [JIS].

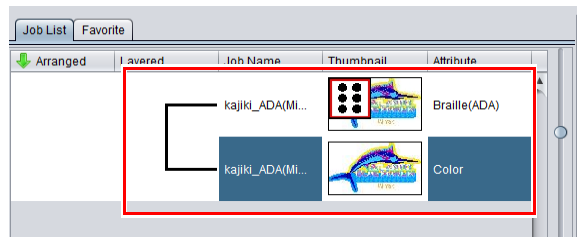


(1) Check the above, and then click the [RasterLink Output]

icon  on RasterLinkTools.



- The job which is composed of Color and Braille is registered to RasterLink6Plus.



- You can also register the data you have saved in EPS format on Illustrator without using the [RasterLink Output] function to RasterLink.
- When saving in EPS format from [RasterLink Output] function of RasterLinkTools, the bounding box surrounding all objects is saved as the page size in EPS format. When saving in PDF format from the file save function of Illustrator, make sure the artboard size is as same as when saving the artboard size in EPS format because the artboard size is saved as the page size.


## 4. Change the Print Conditions for data as desired. (RasterLink)

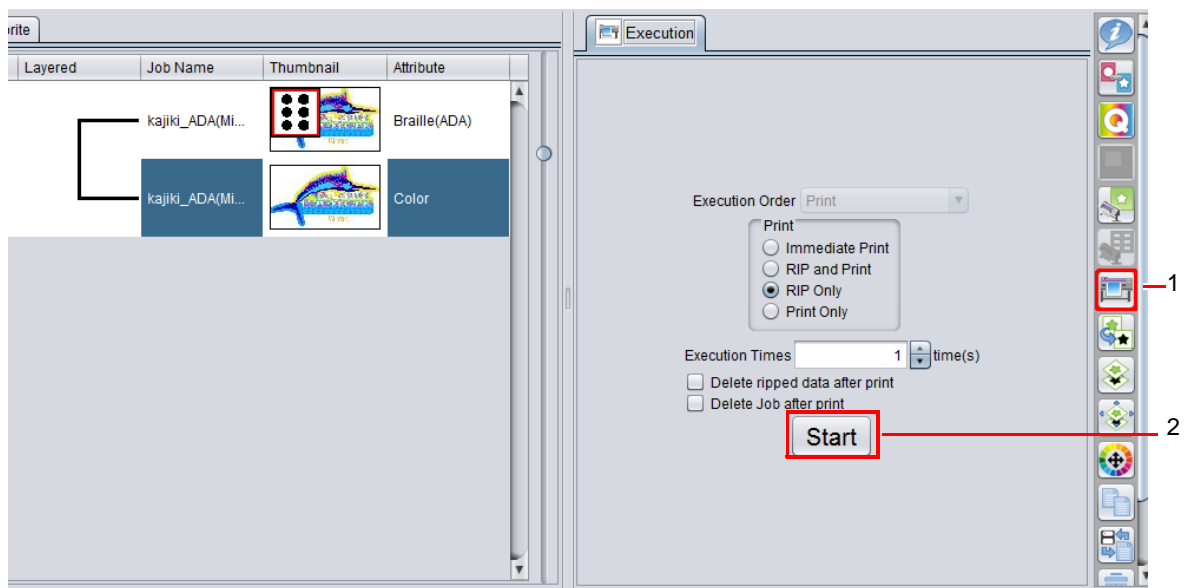


Caution

- You cannot set the following for the Braille job.
  - Arrange with other job
  - Change the scale
  - Turn on the Mirror function
  - Add Fotoba cut mark
  - Crop
  - Jig Print
  - Step & Repeat
  - Tiling
  - Kebab Jig Print
- You cannot do the following for the job of which the Job Attribute is "Braille".
  - Change the Print Condition
  - Color Replacement and Special plate

## 5. Execute printing. (RasterLink)

- (1) Click the [Execute] icon  .
- (2) Click [Start], and execute printing.



- Printing is performed automatically with multiple feeds so that the height of the Braille conforms to the standards of ADA.
- The printing time for one row of Braille is approximately 37 minutes. (For UJF-7151 plus)





