



## **JV4 Parameter Upload and Download Procedures**

MIMAKI ENGINEERING CO., LTD.

TKB Gotenyama Building, 5-9-40, Kitashinagawa, Shinagawa-ku, Tokyo 141-0001, Japan

Phone: +81-3-5420-8671 Facsimile: +81-3-5420-8687

URL: <http://www.mimaki.co.jp/>

E-mail: [traiding@mimaki.co.jp](mailto:traiding@mimaki.co.jp)

D200609

Contents

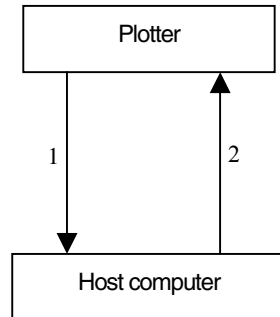
- 1 Introduction ..... 1
- 2 Operating Environment ..... 1
  - 2.1 OS ..... 1
  - 2.2 Tools ..... 1
- 3 Related Documents ..... 1
- 4 Upload Procedure (Plotter >> Computer)..... 2
- 5 Download Procedure (Computer >> Plotter)..... 3
- 6 Error Messages ..... 4

# 1 Introduction

---

The host computer and the plotter can be connected through the IEEE 1284 or IEEE1394 interface to allow parameter loading from the plotter to the host computer and parameter registration from the host computer to the plotter.

- 1) Creation of parameter DB at the time of shipment (referred to as Upload)
- 2) Parameter restoration after substrate replacement (referred to as Download)



## 2 Operating Environment

---

To realize the Upload and Download functions, the following software is required on the host computer.

### 2.1 OS

Either of the following is required.

- 1) Windows2000
- 2) Windows NT4.0
- 3) Windows 98SE

### 2.2 Tools

- 1) F/W Update Tool software for Windows2000
- 2) F/W Update Tool software for WindowsNT and 98

## 3 Related Documents

---

- 1) F/W Update Tool Operation Manual



## 4 Upload Procedure(Plotter >> Computer)

---

The following describes the procedure for transferring the parameters from the plotter to the host computer.

[Setup]

- 1) Host computer
- 2) IEEE1394 interface cable or parallel interface cable
- 3) F/W Update Tool software



	<i>Description</i>	<i>Remarks</i>
1	Connect the plotter and the host computer through the IEEE1394 interface cable or parallel interface cable.	
2	Turn ON the power while holding down the  and  keys.  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">BOOT</div>	
3	Upload is ready.  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto; text-align: center;">UP&amp;DOWNLOAD READY!</div>	
4	Perform Upload using the F/W Update Tool software.	
5	Transfer parameters to the host computer.  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto; text-align: center;">*** UPLOADING **</div>	To cancel the operation, press the END key.
6	Upload is completed.  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto; text-align: center;">UP&amp;DOWNLOAD END POWER OFF</div>	If the operation is successfully completed, the message shown at left appears.
7	Turn OFF the power of the plotter.	
8	End	

## 5 Download Procedure (Computer >> Plotter)

The following describes the procedure for updating the parameters in the plotter from the host computer.

[Setup]

- A) Host computer
- B) IEEE1394 interface cable or parallel interface cable
- C) F/W Update Tool software

	<i>Description</i>	<i>Remarks</i>
1	Connect the plotter and the host computer through the IEEE1394 interface cable or parallel interface cable.	
2	Turn ON the power of the plotter while holding down the  and  keys.	
	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;">BOOT</div>	
3	Download is ready.	
	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;">UP&amp;DOWNLOAD READY!</div>	
4	Perform Download using the F/W Update Tool software.	
5	Receive data from the host computer.	
	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;">**DOWNLOADING **</div>	To cancel the operation, press the END key.
6	Download is completed.	
	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;">UP&amp;DOWNLOAD END POWER OFF</div>	If the operation is successfully completed, the message shown at left appears.
7	Turn OFF the power of the plotter.	
8	End	

## 6 Error Messages

---

<i>Error Message</i>	<i>Cause</i>	<i>Solution</i>
ERROR COMMAND POWER OFF	Command error	Check whether interface connection is normal. Turn OFF the power and then turn it back ON.
ERROR PARAMETER POWER OFF	Parameter error	Check whether the file selected on the host computer is for JV4. Turn OFF the power and then turn it back ON.
ERROR DATA POWER OFF	Data error	Check whether the contents of the file selected on the host computer are normal and not defective. Turn OFF the power and then turn it back ON.

**Notes:**

**If an error above occurs, quit the F/W Update Tool software and then turn OFF the power of the plotter.**