

BFP-A6079-0404E

Notice of Support for Additional Shaft Function MR-J5-B

■ Issued
February 2026

■ Applicable Model
MELFA FR Series, MELFA CR Series

We would like to express our gratitude for your patronage of MELFA, a Mitsubishi Electric industrial robot. Beginning with software version E4, the MR-J5-B servo amplifier is compatible with the additional axis function. Details of the release are as follows:



1. Contents

Since the software version E4, the MR-J5-B servo amplifier of the MELSERVO-J5 series can be used in addition to the MR-J4-B servo amplifier of the MELSERVO-J4 series. Details are as follows:

Item	After Release	Pre-Release
Software Version	E4 version	E3 or earlier
Engineering Tools (RT ToolBox3)	Ver 2.70Y	Before 2.60N
Supported Series	MELSERVO-J4 Series	MELSERVO-J4 Series
	NEW MELSERVO-J5 Series	—
corresponding servo amplifier	MR-J4-□B MR-J4W□-□B	MR-J4-□B MR-J4W□-□B
	MR-J5-□B MR-J5W□-□B	—

The following functions have been added to the MR-J5-B.
For details, refer to the latest version of Additional Shaft Function Instruction Manual.
Revised versions of related manuals and catalogs will be provided as soon as they are completed.

Item	Details
Function name	Additional shaft torque limit value
Parameters	AXTRQLMT
Functional Overview	Function to limit torque generated by the motor

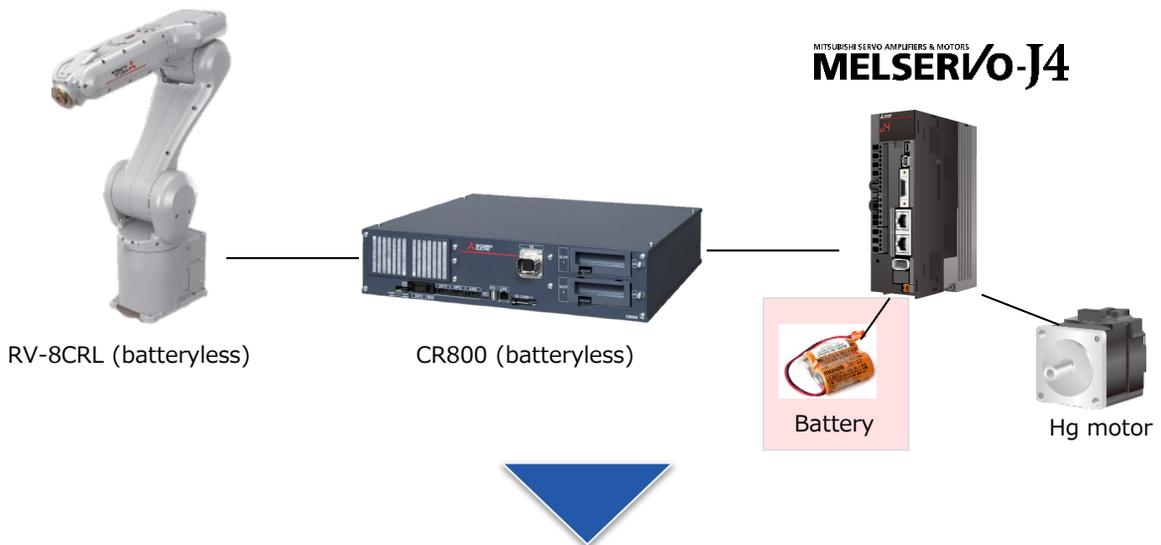
2 Product Features

The MR-J5 series is a model that does not require an origin holding battery. In combination with the CR Series robots, the entire system is battery-free, freeing up the need for battery replacement and disposal, and providing a maintenance-free environment.

Periodic **maintenance required** of the battery

Challenges

- 1. Periodic battery replacement occurs
- 2. Battery inventory needs to be managed
- 3. Battery alarm after long holidays



Batteryless **No maintenance**

Resolve

- 1. Maintenance cost reduction
- 2. Eliminates waste disposal of used batteries
- 3. Reduction of equipment downtime

