

MotionWorks Changes from Version 5.34 to 5.38

- 1 New controller added, model number MP2300S.
- 2 The motion task manager's default display is set to be enabled after installation.
- 3 New module added, model number PCLINK-01.
- 4 New module added, model number 218IF-02. The 218IF-02 supports higher speed Ethernet communication.
- 5 The following motion instructions were added for the MP2000 series of controllers: "ASCII", "SSEE", and "FUNC".
- 6 New functions for sequence programming were added for the MP2300S: SPMxxx and SPSxxx.
- 7 The communication manager was updated to version 3.72
- 8 On MP2000 series controllers, the motion program save process was optimized to reduce time.
- 9 The servopack parameter name of Pn002.3 for the SGDS amplifier was modified.
- 10 In the motion task manager the error information is displayed as balloon help while the mouse is on the tree during a motion program error.
- 11 Comparing motion program has been improved to eliminate operation improvement
Improvement: Unnecessary packets are taken off from the source of compare operation of motion program. In the prior version, unnecessary packet was compared as well, and the nonsensical error was appeared as the result of compare operation.
- 12 A "drive control panel" has been added to assist running motion programs in the MP2300S controller.
- 13 Program execution registration screen New function: It helps to register the condition to execute motion program and sequenc program in MP2300S.
- 14 Group definition screen improvement Improvement: The group definition screen is simplified with the minimum required item. Also, the groupdefinition with three axes as default is automatically created in order to make the motion immidiately if the program is made before difining goup definition.
- 15 Controller search function New function: Controller search function, which finds the controller connected via Ethernet without knowing IP address of the controller, is added. It is available with Ethernet (LP) port.
- 16 Register to Quick watch Improvement: "Add register" in the pop-up menu of motion editor is available. It is available when the Watch page in the Quick reference is selected.
- 17 Online monitor of motion program Monitor function of motion editor in online is set enabled as default.
- 18 Add a setting parameter New function: "Stop mode" is added in the setting parameter No.2 for SVB.

19 Error information screen New function: Error information screen is added. It helps the troubleshooting the motion program alarm. It is for MP2000 series controller.

20 Naming check in the group definition Improvement: The following character is inhibited for the axis name in the group definition.

- 2-byte space character
- 2-byte code
- invalid character code

21 C registers are prohibited from use in MSEE and SSEE instructions in the motion and sequence programs.

22 The generic I/O module for Mechatrolink (****I/O) has been updated to include checking the range of assigned registers.