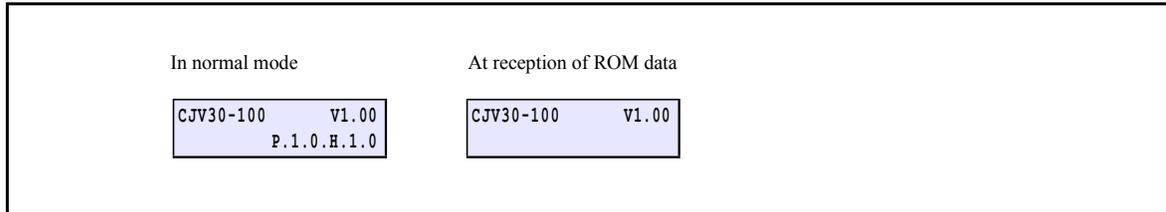


■ Indication on LCD



■ Outline

For troubleshooting or maintenance work, the printer needs to be operated in service mode. The following describes the Specialized Key functions which start this printer in service-related mode.

■ Specialized Key Functions

After the start of the printer, press the specific key(s) on the operation panel while the version information is displayed. Then the printer will enter the corresponding one of the following service-related modes.

Service-related mode	How to enter	Remarks
F/W Update	(While version information is displayed) Press [REMOTE]	<ul style="list-style-type: none"> Receives FirmwareROM data from the host PC via USB2.0 I/F, and updates the firmware of the main PCB. Available only when the printer is started by turning on the main power. After firmware update, restart the printer by turning the main power.
Parameter UP/DOWNLOAD	(While version information is displayed) Press [▲]+[▼]	<ul style="list-style-type: none"> Uploads the parameters and log data from the printer to the host PC via USB2.0 I/F. Downloads the parameters and log data from the host PC to the printer via USEB2.0 I/F.
System parameter input	(While version information is displayed) Press [REMOTE]+[END] (While version information is displayed) Press [◀]+[▶]	<ul style="list-style-type: none"> Start the printer in [SYSTEM PARAM.] input mode of [#PARAMETER]. When the printer cannot start because of a parameter hash error or the like, the parameters can be initialized in this mode. When the printer cannot be operated because of a system down error or the like, input the system parameter No. 45 HASH 0 → 1 or 2 in this mode. Then the printer can be started for the purpose of checking for problem.
Service mode	(While version information is displayed) Press [REMOTE]+[FUNCTION]	Active until the power to the printer is turned off.
	System parameter No.46 SUPPORT 0 → 2	Active until the value of the system parameter No. 46 SUPPORT is changed to 0.

■ Service Mode

For maintenance work, start the printer in service mode. Then you can use the functions that are not available in normal mode. As for those functions, the “#” mark is added at the head of the function name.

