

# Technical Report

## ROM UPGRADE..... (1)

### Caution for firmware upgrade

- 0200Q20e\_25080100 is the common firmware for BP-51C26 etc. and BP-51M26 etc. and BP-FR12U.
- There may be cases where update of Desk firmware is necessary for new installation.  
Refer to the end of this report and T/R No. CCE-3364.

**1. Model Name:** BP-51C26/31/36/45/55/65, BP-56C26, BP-61C31/36/45, BP-71C31/36/45/55/65, BP-51M26/31/36/45/55/65, BP-71M31/36/45/55/65, BP-FR12U (Option for BP-51C26/31/36/45/55/65, BP-56C26, BP-61C31/36/45, BP-71C31/36/45/55/65, BP-50M26/31/36/45/55/65, BP-71M31/36/45/55/65)

**2. Description:** Upgrade of ICU, PCU-ROM

BP-51C26 etc.: From mid-September 2025 production BP-51M26 etc.: 1st.From September 2025 production									
Model	ROM Control No.	BUNDLE	ICU	PCU	PCU_BW	SCU	BP-DE13 BP-DE14 BP-DE15	BP-FN13 BP-FN14 BP-FN15 BP-FN16	MX-PN14
BP-51C26, BP-51C31 BP-51C36, BP-51C45 BP-51C55, BP-51C65 BP-56C26, BP-61C31 BP-61C36, BP-61C45 BP-71C31, BP-71C36 BP-71C45, BP-71C55 BP-71C65	B00	0200Q20e 25080100	0200Q20c	0200Q20a	-	0101Q200	0102Q100	0101Q100	0103Z100
BP-51M26, BP-51M31 BP-51M36, BP-51M45 BP-51M55, BP-51M65 BP-71M31, BP-71M36 BP-71M45, BP-71M55 BP-71M65	A00			-	0100q20d				
BP-FR12U	-			0200Q20a	0100q20d				
Notification	- Last 8-digit of BUNDLE version is displayed when updating the firmware in the field. Factory default is fixed to 00000000.								
Item of change	- See page 2.								

ROM Version History Table

No.	ROM Control No.	BUNDLE	ICU	PCU	SCU	Action	T/R No.
-	A02	0110Q20c_00000000	0110Q20c	0110Q20a	0101Q200	For Europe BP-51C26 etc. 1st. From July 2025 production	-
-	A01	0110Q20b_00000000	0110Q20b	0110Q200		For North America BP-71C55 etc. 1st. From August 2025 production	-
-	A00	0100Q20c_00000000	0100Q20b	0100Q20b		For North America BP-51C26 etc. 1st. From July 2025 production	-

Item of change

No.	Item	Detail
1	Specification	Strengthened collaboration with Synappx Manage - Instruction for remote firmware update - Bulk distribution of Address Book - Deleting entire user list - Access to device web page - Display and operation of operation panel
2	Specification	Implemented a feature to disable case sensitivity for address search in Advanced Settings. [System Settings] > [System Control] > [Advanced Settings] ID: 00060 Case Sensitive Setting in Address Book Search - Case Sensitivity is Enabled OFF (Default) ON
3	Specification	Added an ability to change the sort order of user folders to the order of search characters in the Advanced Settings. [System Settings] > [System Control] > [Advanced Settings] ID: 00065 Sort Method Setting for Custom Folder - Sort by Initial of Folder OFF (Default) ON
4	Specification	Added a feature which prohibits auto installation of PSA app to Advanced Settings as listed below: [System Settings] > [System Control] > [Advanced Settings] ID: 00071 Print Support App Setting - Disable Print Support App OFF (Default) ON
5	Specification	Added a feature which disables status notifications such as Completed, Error, Stopped, and Cancelled for AirPrint (IPP) jobs and Universal Print (IPP INFRA) jobs to Advanced Settings as listed below: [System Settings] > [System Control] > [Advanced Settings] ID: 00072 IPP/IPP INFRA Job Status Notification Setting - Disable IPP/IPP INFRA job Status Notifications OFF (Default) ON

No.	Item	Detail
6	Specification	<p>Added a function to automatically add a date to the default destination of Scan to SMB.</p> <p>*If there is no Date folder, the folder will be created automatically.</p> <p>[System Settings] &gt; [Image Send Settings] &gt; [Scan Settings] &gt; [Default Address]</p> <p>- Add a Date Subfolder Path to the End of the Network Folder Path</p> <p>YYYYMMDD (Default)</p> <p>MMDDYYYY</p> <p>DDMMYYYY</p>
7	Specification	<p>Added a function to set the default original setting to "2-sided" in the detailed Scan settings mode.</p> <p>[System Settings] &gt; [Image Send Settings] &gt; [Common Settings] &gt; [Condition Settings]</p> <p>- Duplex Setup</p> <p>1-Sided (Default)</p> <p>2-Sided Tablet</p> <p>2-Sided Book</p>
8	Specification	<p>Implemented modification so that following actions are taken upon receiving a fax while "Received Data Image Check Setting" is enabled, because it is difficult to tell when the memory capacity limit has been reached while using a fax machine.</p> <p>- Displays an icon in the notification area of the system information area.</p> <p>- Displays the following messages in the notifications on the system information screen.</p> <p>If the memory is full:</p> <p>"Memory is full.</p> <p>Data reception is not available because the device is out of memory.</p> <p>Print or delete unneeded files in memory."</p> <p>If the memory is near full:</p> <p>"Memory is low.</p> <p>Data reception will not be available when the device is out of memory.</p> <p>Print or delete unneeded files in memory."</p>
9	Specification	<p>Enabled printing on the paper size different from the size received via Internet Fax. Following settings are added to [System Settings] &gt; [Image Send Settings] &gt; [Internet Fax Settings] &gt; [Receive Settings]</p> <p>- Print Style Setting</p> <p>Print Actual Size Cut off Disabled</p> <p>Print Actual Size Cut off Enabled</p> <p>Auto Size Select</p> <p>- Print Received Data on the Paper Size Selected</p> <p>OFF (Default)</p> <p>ON</p>
10	Specification	Prohibited registration of domains other than specified while registering Address Book.
11	Specification	Prohibited sending of e-mails to domains other than specified.
12	Specification	Implemented support for JPEG for Scan to Local Drive

No.	Item	Detail
13	Specification	<p>Regarding the file automatic deletion of Print Release, the files could be deleted only by one day so the deletion cycle has been improved as below:</p> <ul style="list-style-type: none"> <li>* It is possible to set up 1 hour/ 2 hours/ 3 hours/ 6 hours/ 8 hours/ 12 hours as the elapsed time.</li> <li>* Checks are made every hour at 0 minutes and files that have elapsed beyond the set time are deleted.</li> <li>* Along with the addition of time specification, the layout of the file automatic deletion setting list is changed.</li> <li>- The columns [Day of the week], [Day], [Elapsed time], and [Time], are deleted and all items except for [Enabled] are displayed in the [Schedule] column.</li> </ul>
14	Specification	<p>Displays the message "Your authentication information must be registered." when logging in for the first time with an IC card in an AD (Active Directory) authentication environment.</p> <ul style="list-style-type: none"> <li>* The message will also be displayed when logging in after updating the password.</li> </ul>
15	Specification	<p>(For EU only) Changed so that Service and FSS account information are not printed in the User List.</p>
16	Specification	Executes calibration of touch panel when the main power is turned on.
17	Main unit control	Fixed a bug where remote firmware updates may have failed when virus scanning was enabled.
18	Main unit control	Fixed a problem where E7-93 (Copy, Image Send, FAX, Filing, Print Image Data Process Error) could occur when previewing CMYK-RIP printer data in Document Filing.
19	Main unit control	Fixed a problem where the power dialog pop-up screen that appears after pressing the power button would not switch to power save mode even if you tapped "Power Save Mode" or would not turn off the power even if you tapped "Power Off".
20	Main unit control	Fixed a problem where E7-04 (SSD-ASIC error DSK) may occur during the erasure process when a job is completed.
21	Main unit control	Changed fuser temperature control to prevent H4-00 (Fuser Low Temperature Error (TH_UM)) due to the recovery from power save function triggered by motion sensor and the timing to start a job.
22	Main unit control	Fixed a problem where C1-40 (MC PWB Trouble) and C4-40 (TC PWB Trouble) may occur when manually ejecting the toner cartridge.
23	Main unit control	Changed voltage detection control to prevent L8-03 (Abnormal Voltage Input Error) when there is distortion in the input AC power supply.
24	Main unit control	<p>Changed default of Soft SW which rotates power supply fan (PSFM) while temperature is high.</p> <p>00: Fan rotates at 35.1°C or higher, Fan stops at 34.1°C or lower.  01: Fan rotates at 31°C or higher, Fan stops at 30°C or lower.  10: Fan rotates at 38°C or higher, Fan stops at 37°C or lower.  11: Fan rotation control in high temperature is disabled. (Default)</p> <ul style="list-style-type: none"> <li>* The above setting value will be changed during the firmware upgrade in the field.</li> </ul>
25	Main unit control	Changed paper transport detection control to prevent "C1PFD Not-Reached JAM".

No.	Item	Detail
26	Printer	Fixed a bug with Universal Print where the job queue on the PC kept displaying "Pending for authentication" and the job was not printed.
27	Image Send	Fixed a problem that could cause the device to freeze after execution of Scan to Network Folder selecting PDF/A-1a.
28	Image Send	<p>SMB file sharing occasionally fails depends on the designated content of user name in SMB address (address for transmission to shared folder).  Implemented retry procedure assigning a domain name when authentication fails.  * Basically, designate a user name with domain name if the account designated as SMB address is a domain user.  E.g. In case of [domain: domain.example.com] and [User name: username]:  Please designate with either format:  User name: domain/username  User name: username@domain.example.com</p>
29	Image Send	Fixed a problem where vCard format files (.vcf) generated by performing Business Card Scan could not be imported into Thunderbird.
30	Network	Fixed a problem where the message "Processing failed." may appear in [System Settings] > [Network Settings] > [Interface Settings].
31	Network	Fixed a bug in Synappx Manage where MIB could not be obtained while SNMPV1 was disabled.

## PRECAUTION FOR INSTALLATION OF BP-51C/ BP-56C/ BP-61C/ BP-71C SERIES

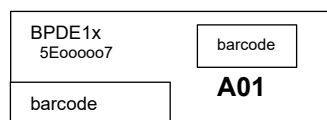
Desk options with model name mentioned above are commonly used with conventional series. However, there may be cases where update of Desk firmware is necessary for new installation.

Model Name	Version No.	Name
BP-DE13	0102Q100	STAND/2x550 SHEET PAPER DRAWER
BP-DE14	0102Q100	STAND/3x550 SHEET PAPER DRAWER
BP-DE15	0102Q100	STAND/550&2100 SHEET PAPER DRAWER

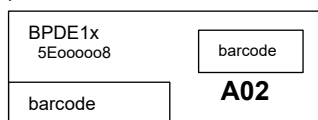
Please check the packing label for the Desk. In case the firmware version is old, download firmware from SHARP Service Support System (SSSS) and update the firmware.

[Version No. on packing label]

(Old)



(New)



[Applicable Firmware]

Bundle version 0200Q20e and later

\* Please make sure to select "ALL" in SIM49-01, instead of selecting only "DESK."

\* Related T/R No. CCE-3379

[Reason for Change]

Paper feed speed has been changed to improve productivity of jobs which use large size papers (including A3/11x17) for new series.

[Precaution]

Trouble code U6-55 (Option combination trouble) occurs when you turn on the power if the Desk with old firmware is installed to main unit. In that case, clear the trouble history after firmware update.

For new series, firmware has been updated for the options below (aimed to enhance margin under particular operating conditions).

Model Name	Version No.	Name
BP-FN13	0101Q100	1K FINISHER
BP-FN14	0101Q100	1K SADDLE STITCH FINISHER
BP-FN15	0101Q100	3K FINISHER
BP-FN16	0101Q100	3K SADDLE STITCH FINISHER
MX-PN14	0103Z100	INNER FINISHER PUNCH MODULE