### RICOH

## Technical Bulletin

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Reissued: 08-Jul-16

#### **RTB Reissue**

The items in **bold italics** have been corrected or added.

Subject: Firmware Release Note: Main			Prepared by: Y. Miyamoto
From: 1st Tech S	Service Sect., MFP/Printer Tech	Service Dept.	
Classification:	Troubleshooting	☐ Part information	Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	Other (Firmware)	☐ Tier 2

This RTB has been issued to announce the firmware release information for the **Main**.

Version	Program No.	Effective Date	Availability of RFU
01.03.00	M2905091E	August 2016 production	Not available
01.02.00	M2905091D	May 2016 production	Not available
01.01.00	M2905091C	May 2016 production	Not available

Note: Definition of Availability of RFU via @Remote

<sup>&</sup>quot;Not available": The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
01.03.00	System corrected:
	- Dot coverage counter information was added to the system
	configuration page.
01.02.00	Symptom corrected:
	- If the power cord is unplugged and re-plugged after printing, the
	succeeding job printed is incorrect.
01.01.00	Error corrected:
	- SC497 is not alerted even when the thermistor is not working.

<sup>&</sup>quot;Available" The firmware can be updated via RFU or SD card.

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Reissued: 25-Jul-16

Model: Reveil-P1/ Reveil-MF1	Date: 25-May-16	No.: RM290002a

#### **RTB Reissue**

The items in **bold italics** have been corrected or added.

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Subject: Firmware Release Note: CE TOOL			Prepared by: Y. Miyamoto
From: 1st Tech S	Service Sect., MFP/Printer Tech	n Service Dept.	
Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	$\boxtimes$ Other (Firmware)	⊠ Tier 2

This RTB has been issued to announce the firmware release information for the CE TOOL.

Version	Program No.	Effective Date	Availability of RFU
1.011	M2905500A	July 2016 prodcution	Not available
1.005	M2905500	1st Mass production	Not available

Note: Definition of Availability of RFU via @Remote

<sup>&</sup>quot;Available" The firmware can be updated via RFU or SD card. "Not available": The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
1.011	Specification changes: - "SC Error History" and "Jam History" were added to the Adjust Other Settings menu.
1.005	This is a CE tool exclusive for Rev-MF1/P1. See FSM for detail on how to use this tool.

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2 de la companya de l	Model: Reveil-P1w Date: 06-Jul-16 No.: RM290003
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Subject: Firmware Release Note: Main			Prepared by: Y. Miyamoto
From: 1st Tech S	ervice Sect., MFP/Printer Tech	Service Dept.	
Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	Other (Firmware)	☐ Tier 2

This RTB has been issued to announce the firmware release information for the Main.

Version	Program No.	Effective Date	Availability of RFU
01.01.00	M0AF5091C	1st Mass production	Not available

Note: Definition of Availability of RFU via @Remote

<sup>&</sup>quot;Available" The firmware can be updated via RFU or SD card. "Not available": The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected		
01.01.00	1st Mass production		

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Model: Rev-P1/MF1 Date			Date: 29-No	v-16	No.: RM291003		
Subject: New "Dot coverage" function					Prepared by: Y. Miyamoto		
From: 1nd Tech Service Sect., MFP/Printer Tech Service Dept.							
Classification:  Troubleshooting  Mechanical  Paper path  Product Safety		<ul><li>☐ Part information</li><li>☐ Electrical</li><li>☐ Transmit/receive</li><li>☐ Other (New model)</li></ul>		<ul> <li>☐ Action required</li> <li>☐ Service manual revision</li> <li>☑ Retrofit information</li> <li>☑ Tier 2</li> </ul>			

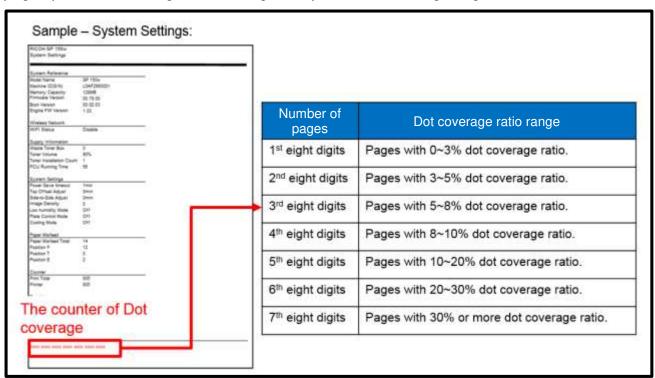
### The new Dot Coverage function

The "Dot coverage" function was newly added, to allow service to verify the dot coverage ratio of the jobs printed in number of pages.

The information can be viewed in System Settings.

#### How to verify the information

The dot coverage ratio is categorized in seven ranges as shown below. The number of pages printed according to each range is represented with eight digit numbers.

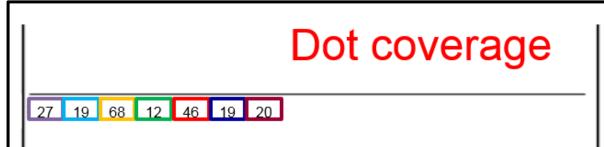


See the example on the next page.

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Model: Rev-P1/MF1 Date: 29-Nov-16 No.: RM291003

#### **Example**



Number of pages	Dot coverage ratio range				
1st eight digits	27 pages with 0~3% dot coverage ratio.				
2 <sup>nd</sup> eight digits	19 pages with 3~5% dot coverage ratio.				
3 <sup>rd</sup> eight digits	68 pages with 5~8% dot coverage ratio.				
4 <sup>th</sup> eight digits	12 pages with 8~10% dot coverage ratio.				
5 <sup>th</sup> eight digits	46 pages with 10~20% dot coverage ratio.				
6 <sup>th</sup> eight digits	19 pages with 20~30% dot coverage ratio.				
7 <sup>th</sup> eight digits	20 pages with 30% or more dot coverage ratio.				

**Note:** 1st~7th indicates the order from Left to Right of the eight digit numbers for each dot coverage ratio range.

**Note:** The example shown above shows only two digits for each range, but in the actual System Settings, there will be eight digits displayed for each range.

 $(8 \text{ digits } \times 7 \text{ ranges} = 56 \text{ digits in total})$