

# Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
<b>Commentary</b>				
<b><u>BB-MK1181</u></b>	02/12/19	BB300	Macedonia	CCNET
<ol style="list-style-type: none"> <li>Processing of 10 MKD (2018) and 50 MDK (2018) has been introduced.</li> <li>Added support of two new denominations of 200 MKD and 2000 MKD, issued in 2016.</li> <li>Processing of old paper 10 MKD and 50 MKD, issued before 2018, has been disabled.</li> <li>Processing of 5000 MKD (all year's issue) has been disabled.</li> <li>Bill table has been modified to include new denomination 200 MKD and 2000 MKD, and to exclude 5000 MKD (refer to User's Guide for details): <ul style="list-style-type: none"> <li>Bill type "3" is set to "200 MKD" (previously assigned to "500 MKD");</li> <li>Bill type "4" is set to "500 MKD" (previously assigned to "1000 MKD");</li> <li>Bill type "5" is set to "1000 MKD" (previously assigned to "5000 MKD");</li> <li>Bill type "6" is set to "2000 MKD" (not used previously).</li> </ul> </li> <li>DIP Switches settings have been changed to include new denomination 200 MKD and 2000 MKD, and to exclude 5000 MKD ((refer to User's Guide for details): <ul style="list-style-type: none"> <li>DIP Switch 1.4 is set to "200 MKD" (previously assigned to "500 MKD");</li> <li>DIP Switch 1.5 is set to "500 MKD" (previously assigned to "1000 MKD");</li> <li>DIP Switch 1.6 is set to "1000 MKD" (previously assigned to "5000 MKD");</li> <li>DIP Switch 1.7 is set to "2000 MKD" (not used previously).</li> </ul> </li> <li>Overall acceptance rate has been improved.</li> <li>Implemented workaround for potential recoverable bezel indication problem in Idling state.</li> <li>Fixed CCNET command applicability after bills retraction. That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser.</li> </ol> <p>Limitation:</p> <ol style="list-style-type: none"> <li>Power recovery is limited because of transparent windows on the banknotes.</li> <li>Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").</li> </ol>				
<b><u>BB-MK1180</u></b>	06/08/16	BB300	Macedonia	CCNET
<ol style="list-style-type: none"> <li>Processing of 5000 MKD (1996) and 5000 MKD (2011) has been introduced. Bill table changed ("Bill type 5" has been set to "5000 MKD"). DIP Sw.1.6 is set to "5000 MKD".</li> <li>Added support of the latest samples of 100 MKD (printed in 2013) and 500 MKD (printed in 2014).</li> <li>Corrected insertion directions for 50 HKD to comply with generic rules.</li> <li>Overall acceptance rate has been improved.</li> <li>Maintenance mode (cleaning card) support added.</li> <li>Introduced Jam Recovery feature (in Unloading and Dispensing).</li> <li>"EMPTY DISPENSER" command has been enabled in 0xCA failure state.</li> <li>Greeting message was changed to "SUZOHAPP".</li> </ol>				
<b><u>BB-MK1170</u></b>	05/09/11	BB300	Macedonia	CCNET
<p>First release.</p> <p>Distinctive features are:</p>				

1. Barcode recognition.
2. Chassis soft download via CCNET.
3. Improved short bill returning.
4. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
5. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
6. Processing of the following options has been implemented:
  - 'LED BV INHIBIT' -> 0 - LED is red in BV\_INHIBIT state; 1 - LED is turned off
  - 'KEEP BILL' -> 0 - bill will be dropped after returning; 1 - bill will be held
  - 'LOOK TAPE' -> enhanced processing of pass sensor (0 - OFF, 1 - ON)
  - 'TURN SWITCH' -> switch turning after bill packing (0 - OFF, 1 - ON)
7. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
8. Control of thermo heater in metal dispenser has been added.
9. Enhance the algorithm of BB self-testing: if cassette(s) is (are) removed, software has to skip the algorithm of "device recovery after POWER DOWN" and turn to the regular self-testing.
10. Set higher priority to the indication of "BOX REMOVED" state.
11. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
12. BB power recovery feature has been introduced.
13. Nonvolatile counters for counting all dispensed or unloaded bills have been added.
14. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
15. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
16. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
17. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
18. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
19. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
20. Prohibit switching to download mode in the following error states:  
ERROR\_LINK\_SENS\_HV, ERROR\_MAGN\_SENS\_HV and ERROR\_OPT\_SENS\_HV.
21. Barcode is prohibited to be stacked to the recycling cassette.
22. Prohibit performing software RESET in the following error states:  
ERROR\_LINK\_SENS\_HV, ERROR\_MAGN\_SENS\_HV and ERROR\_OPT\_SENS\_HV.
23. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
24. Fix for unload in case when some bills were manually removed from the cassette has been implemented.
25. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.
26. BB statistics (failure counters) is not supported yet.
27. The improved algorithm of drop box initialization has been implemented in order to make sure that BB is always able to determine if drop box is completely attached.
28. Country code has been replaced with currency code in all internal tables.
29. Barcode is prohibited to be stacked to the recycling cassette.
30. BB suspends dispensing and reports BOX REMOVED if drop box was removed over dispensing; BB will resume dispensing after drop box replacement.
31. Point of reporting "Waiting for bills to be removed" (0x1D 0x01) state during dispensing has been changed from the moment when BB starts moving the last bill to be dispensed from recycling cassette to dispenser to the moment when the last bill to be dispensed enters the dispenser.
32. Diagnostic has been introduced.

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- 33. FEED LEVEL capability has been introduced.
- 34. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.
- 35. BB statistics in new format has been introduced.
- 36. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
- 37. During packing BB tries to reject a bill rather than reports one of the following errors: A8, B5, C2 or E5. This modification allows to prevent jams inside BB switch.