Journal Printer Operating Guide

TP-820817-001A PD 5418 April 2003

Document History

Document Number	Date	Remarks
TP-820817-001A	4/2003	Original edition

Copyright protection is claimed for each revision listed in the document history, as of the date indicated.

Any trademarks, service marks, product names or company names not owned by Diebold Nixdorf, Incorporated, formerly known as Diebold, Incorporated or its subsidiaries (collectively "Diebold Nixdorf") that appear in this document are used for informational purposes only and Diebold Nixdorf claims no rights thereto, nor does such use indicate any affiliation with or any endorsement of Diebold Nixdorf or Diebold Nixdorf products by the owners thereof.

This document contains proprietary information. If the document pages state the information is confidential (or words of similar import), then this document is intended solely for the use of the copyright owner's employees or other personnel expressly authorized in writing by the copyright owner. Other uses of this information without the express written consent of the copyright owner are prohibited. This document should be treated as confidential material for security reasons. Any unauthorized disclosure or use of confidential material may violate Section 1832 of Title 18 of the United States Code as well as other laws, and may be punishable by fine and imprisonment.

The information contained in this document is subject to change without notice. When using the document for system implementation, please call your authorized sales or service representative for any applicable changes.

This document and the information contained herein are provided AS IS AND WITHOUT WARRANTY. In no event shall the copyright owner or its suppliers be liable for any special, indirect, or consequential damages of any nature resulting from the use of information in this manual.

No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means: electronic, mechanical, photocopying, recording, or otherwise, without prior written permission from the copyright owner.

Your use of this document and/or any of the information contained herein constitutes your agreement to all of the terms stated on this page.

Diebold Nixdorf continually strives to improve its products. If you would like to comment on the accuracy, clarity, organization or value of this document, please contact us at documentationservices@dieboldnixdorf.com or address correspondence to:

Diebold Nixdorf, Inc. Att: Documentation Services 9-B-16 5995 Mayfair Road North Canton, OH 44720

Contents

Section 1	Introduction	1 -1
Section 2 2.1 2.2	Maintenance Procedures	2 -1 2 -1 2 -2
Section 3 3.1 3.2	Module Supplies Supply Sources Journal Printer Paper	3 -1 3 -1 3 -1
Figures		
Figure 2-1 Figure 2-2 Figure 2-3 Figure 2-4 Figure 2-5	Opening the Printer Cover Removing the Paper Roll from the Spindle Shaft Pushing the Paper Out Winding the Paper onto the Spindle Shaft Stretching the Paper	2 -2 2 -3 2 -3 2 -4 2 -4
Tables		
Table 3-1 Table 3-2	Paper Supply	3 -1 3 -2

Section 1 Introduction

The journal printer supplies a detailed audit of all consumer transactions or printed messages configured by the bank or institution. The printed messages could include time, date, type of transaction, and certain status messages generated by the terminal.

The information in this manual is specific to the journal printer. Refer to the appropriate terminal manual for more information about the journal printer.

Safety Precautions

Diebold recommends strict observance of safety precautions when servicing the printer. Observing safety precautions reduces the risk of equipment damage and personal injury.



You must observe the following precautions when servicing the journal printer to avoid risk of equipment damage, severe personal injury, or death:

- Do not wear loose clothing or jewelry that can become jammed in the equipment.
- Use caution to prevent long hair from getting caught in the equipment.
- Never insert screwdrivers, pens, or other instruments into the module (unless expressly instructed to do so in this document). Severe bodily injury, death from electrical shock, or equipment damage can result.
- Always turn OFF the terminal before removing or installing modules.

Beginning and Ending a Maintenance Session

Refer to the appropriate terminal operating manual for the following procedures:

- Opening the top chassis (front-load cash dispensers)
- Opening access doors and top chassis (rear-load cash dispensers)
- Placing the terminal in supply mode
- Returning the terminal to operating mode

Maintenance Procedures

2.1 Prerequisite Information

To perform the procedures described in this section, you should know how to perform the following procedures (refer to the appropriate terminal operating guide):

- Open the terminal to access the journal printer
- Place the terminal in the appropriate mode for maintenance
- Return the terminal to full operation



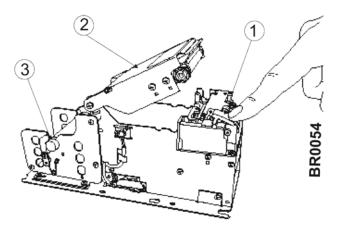
You must observe the following precautions when servicing the journal printer to avoid risk of equipment damage, severe personal injury, or death:

- Do not wear loose clothing or jewelry that can become jammed in the equipment.
- Use caution to prevent long hair from getting caught in the equipment.
- Never insert screwdrivers, pens, or other instruments into any journal printer (unless expressly instructed to do so in this document). Severe bodily injury, death from electrical shock, or equipment damage can result.
- Always turn OFF the terminal before removing or installing modules.

2.2 Replacing the Journal Paper Roll

Perform the following procedure to replace the roll of journal paper. Refer to Figure 2-1 through Figure 2-5 during this procedure.

- 1. Press the blue lever down to open the printer cover.
- 2. Pull up the white spindle, releasing it from the printer.
- 3. If there is still some paper on the roll, tear it to release the paper roll. If there is no paper left, just pull out the spindle.



1	Blue lever
2	Printer cover
3	Spindle

Figure 2-1 Opening the Printer Cover

4. To remove the paper from the spindle, just pull it outwards in the opposite direction of the gear (Figure 2-2).

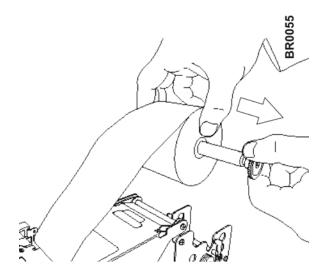


Figure 2-2 Removing the Paper Roll from the Spindle Shaft

- 5. Open the printer cover completely, pulling it backwards.
- 6. Remove the paper roll or paper tube left in the paper roll compartment (located just below the printer cover).
- 7. Insert the paper roll with the paper coming from below (Figure 2-3) and push the paper out about 40 cm (16"). Make sure that the printable side is facing down.

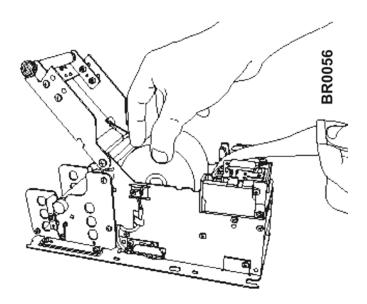


Figure 2-3 Pushing the Paper Out

- 8. Close the printer cover by pressing the printer cover completely down until it clicks. The blue lever will come up to a fully vertical position. The printer will print several line feeds.
- 9. Draw the paper over the printer cover.
- 10. At the edge of the paper, fold about 5 cm (2 in) of the paper inwards to have a clean edge.
- 11. Insert the edge of paper into the spindle slot (Figure 2-4). It is recommended that the paper be wound onto the spindle for a minimum of 3 to 4 turns.

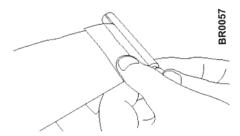


Figure 2-4 Winding the Paper onto the Spindle Shaft

- 12. Insert the spindle into the winder unit until it clicks into place.
- 13. Stretch the paper by manually winding the spindle (Figure 2-5).

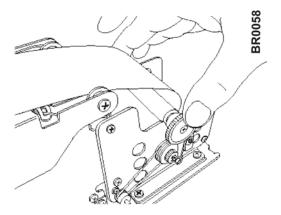


Figure 2-5 Stretching the Paper

14. The journal printer is now ready for use. Refer to the appropriate terminal operating guide to close the terminal.

3.1 Supply Sources

For best ATM performance, you should only use supplies purchased from Diebold. Diebold Direct ExpressTM can supply all your ATM supplies and accessories (fully guaranteed). Contact Diebold Direct using one of the following methods:

Phone: 1-800-222-6900 (1-330-899-2585)
E-mail: http://supplies@diebold.com

• Facsimile (FAX): 1-330-899-2553

• World Wide Web site: http://www.diebold.com

Your Diebold service representative can also assist you in ordering high-quality supplies specifically designed for your ATM.

Refer to the following table to order supplies for the journal printer.

Table 3-1 Paper Supply

Supply	Part Number
Thermal paper for journal printer (box with 25 rolls)	00-051342-000A

You can order supplies from sources other than those recommended. Make sure that the supplies you order from non-recommended sources meet the specifications in this manual.



Ordering supplies from other non-recommended sources may result in loss of quality and a decline in ATM performance.

3.2 Journal Printer Paper

The journal printer uses single layer, continuous roll thermal paper. The table below describes the paper roll in greater detail.

Table 3-2 Paper Specifications

Item	Description	
Expanded description	Standard Black imaging Opteva thermal journal rolls with 5 year image life capability	
Approved paper grades (5 year image life)	Kanzaki P-350Nippon TF50KS-E2DAppleton Alpha 800-2.4	
Paper basis weight	55.4 g/m2 to 80.4 g/m2 (14.7 pounds to 21.4 pounds)	
Paper smoothness (Bekk)	250 minimum	
Paper width	58.00 mm + 0.00/-1.00 mm (2.283 inches +0.000/-0.039 inches)	
Top-of-form marks	Not required	
Preprinting	Not required	
Paper core attachment	None	
Paper splices	None	
Paper perforations	None	
Paper end indication	None	
Paper edge finish	No dust, labels or unspecified printing	
Core material	Polystyrene	
Core color	Natural	
Core outside diameter	18.5 mm maximum (0.72 inches maximum)	
Core inside diameter	12 mm ± 0.50 mm (0.47 inches ± 0.02 inches)	
Core width	58.00 mm +0.00/-1.00 mm (2.283 inches + 0.000/-0.039 inches)	
Roll width	58.00 mm +0.00/-1.00 mm (2.283 inches + 0.000/-0.039 inches)	
Roll length	76.2 m (250 feet)	
Roll maximum outside diameter	84 mm maximum (3.31 inches maximum)	
Roll thermal layer side	CSO (Coated Side Out)	
Roll finish termination	Tape (no glues)	
Packaging	25 rolls per carton. Rolls should be packed securely in carton, with no excessive movement.	
Carton labeling	 Diebold part number Paper width Roll length in meters and feet Number of rolls Carton weight Stacking orientation Packaging date 	
Shipping / storage	Shipping and storage materials shall not degrade the paper or paper roll characteristics for the time periods specified as below	
	Temperature - Duration: • 65°C - never exceeded • 50°C to 64°C - 24 hours or less • 30°C to 49°C - 7 days or less • 20°C to 29°C - More than 7 days • 20°C ± 5°C and 45% to 65% humidity - 3 years	