Royal 6000ML

Royal 6000ML Cash Register Instruction Manual

Model: 6000ML (Part Number: 89404R)

Overview Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The Royal 6000ML Electronic Cash Register is a robust cash management system designed for various retail and hospitality environments. It combines essential features for efficient transaction processing and detailed sales reporting.



Image 1.1: Front view of the Royal 6000ML Cash Register, showing the display, keyboard, and thermal printer with a printed receipt.

Key Features:

- **Alphanumeric Thermal Printer:** Fast and quiet operation, designed for high volume.
- **10-Line LCD User Display:** Provides clear visibility of transactions and programming information.
- **Alpha Keyboard:** Facilitates easy programming and data entry.
- **SD Card Slot:** Enables efficient transfer of accounting data to a PC for analysis and backup.
- **Anti-Bacterial Keytop:** Promotes hygiene in busy environments.
- **24 Departments:** Allows for detailed sales analysis by merchandise category.
- **6,000 Price-Look-Ups (PLU):** For quick and accurate entry of frequently sold items.
- **10 Clerk ID System:** Supports individual clerk tracking with customizable 24-character names or descriptions.
- **Serial Connection:** For connecting external devices such as barcode scanners or credit card readers.

2. Initial Setup

2.1 Unpacking and Placement

Carefully remove the cash register from its packaging. Place the unit on a stable, flat surface with adequate ventilation. Ensure all packing materials are removed.

2.2 Power Connection

Connect the power adapter to the cash register and then to a standard electrical outlet. It is recommended to install backup batteries immediately after connecting to power to retain settings during power outages.

2.3 Battery Installation

Locate the battery compartment, typically on the underside or rear of the unit. Install the required batteries (refer to the battery type specified in the packaging or on the unit itself) to ensure memory backup for programmed data.

2.4 Loading Paper Roll

Open the printer cover. Insert a thermal paper roll according to the diagram inside the printer compartment, ensuring the paper feeds correctly. Close the cover securely.

2.5 Connecting Peripherals

If using a barcode scanner or credit card reader, connect them to the appropriate serial ports on the cash register. Refer to the peripheral's manual for specific connection instructions.



Image 2.1: The cash register with its drawer open, illustrating the secure storage for currency.

2.6 Initial Programming

The Royal 6000ML requires initial programming for departments, Price-Look-Ups (PLUs), and clerk IDs. This process involves using the alpha keyboard and LCD display. Detailed programming steps are typically found in the comprehensive manual provided with the unit. For complex programming, contacting Royal customer support is recommended.

3. Operating Instructions

3.1 Basic Transaction Entry

1. **Turn On:** Ensure the register is powered on and in "REG" mode.

2. **Enter Price:** Input the item's price using the numeric keypad.
3. **Select Department/PLU:** Press the corresponding department key or enter the PLU code and press the PLU key.
4. **Repeat:** Continue for all items in the transaction.
5. **Subtotal:** Press the "SUBTOTAL" key to view the transaction subtotal.
6. **Payment:** Enter the amount received from the customer and press the "CASH" key. The drawer will open, and change will be calculated. For other payment types, use the designated keys (e.g., "CHARGE").
7. **Receipt:** A receipt will automatically print upon completion of the transaction.



Image 3.1: Detailed view of the cash register's display, showing item entries and subtotal, alongside the operational keys.

3.2 Using Clerk IDs

Before starting transactions, clerks can log in using their assigned Clerk ID to track individual sales performance. Press the "CLERK" key, enter the Clerk ID, and press "ENTER".

3.3 End-of-Day Reporting

To generate sales reports, switch the register to "X" (Read) or "Z" (Reset) mode using the mode key. Follow the on-screen prompts to print daily, weekly, or monthly reports. "Z" reports clear sales data, while "X" reports do not.

4. Maintenance

4.1 Cleaning

Regularly clean the exterior of the cash register with a soft, damp cloth. The anti-bacterial keytop can be wiped with a mild disinfectant. Avoid using abrasive cleaners or spraying liquids directly onto the unit.

4.2 Paper Roll Replacement

When the paper roll is low or empty, replace it promptly to ensure continuous operation. Always use thermal paper rolls of the correct size specified for the Royal 6000ML.

4.3 Data Backup

Periodically back up your sales and programming data using the SD card slot. This protects against data loss due to unforeseen circumstances. Refer to the full manual for detailed instructions on data transfer procedures.

5. Troubleshooting

Common Issues and Solutions:

- **Register Not Powering On:**
  Ensure the power cord is securely connected to both the register and the electrical outlet. Check if the outlet is functional.
- **Printer Not Printing:**
  Verify that a paper roll is loaded correctly and that the printer cover is closed. Ensure it is thermal paper and loaded with the correct side facing the print head. Check for any paper jams.
- **Cash Drawer Not Opening:**
  The drawer typically opens after a cash transaction is completed. If it does not open, check for obstructions. In case of a power failure or system freeze, use the emergency key to manually open the drawer.
- **Register Freezes or Becomes Unresponsive:**
  If the unit becomes unresponsive, try turning it off and then on again. If the issue persists, disconnect the power for a few minutes, then reconnect. If the problem continues, contact customer support.
- **Programming Difficulties:**
  The programming of departments, PLUs, and other settings can be complex. Refer to the detailed programming section in the full user manual. For persistent issues, Royal customer support can provide assistance.

6. Technical Specifications

Model	Royal 6000ML (Part Number: 89404R)
Dimensions (L x W x H)	16.5 x 17 x 12 inches
Item Weight	13.72 pounds

Printer Type	Alphanumeric Thermal Printer
Display	10-Line LCD User Display
Departments	24
Price-Look-Ups (PLU)	6,000
Clerk IDs	10
Data Transfer	SD Card Slot
Connectivity	Serial Port for peripherals

7. Warranty and Support

7.1 Product Warranty

The Royal 6000ML Cash Register comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, programming guidance, or troubleshooting issues not covered in this manual, please contact Royal customer support. Support contact information can typically be found on the Royal website or in the product packaging.

Note: While this manual provides essential instructions, the full user manual contains more detailed programming and operational information.

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