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BUSICOM BC-423M

BUSICOM Printer-Connected Cash Drawer BC-423M-W Instruction Manual

MODEL: BC-423M-W

Introduction

Welcome to your new BUSICOM BC-423M-W printer-connected cash drawer. This manual provides essential information for the proper setup, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and longevity.

Key Features

- **Durable Construction:** Made in Japan with a high-strength steel body for exceptional durability and reliability.
- **Printer-Connected Operation:** Designed to open automatically via commands from a compatible POS receipt printer equipped with a built-in drawer kick mechanism.
- **Ample Storage:** Features 4 compartments for various bill types and 6 compartments for different coin denominations.
- **Compact Dimensions:** Measures Width 405mm x Depth 423mm x Height 113mm, fitting well into various retail environments.
- **High Load Capacity:** The top surface can support up to 30kg when the load is evenly distributed.
- **Enhanced Stability:** Equipped with anti-tilt and anti-forward movement mechanisms for stable and secure operation.
- **Environmental Compliance:** RoHS compliant, ensuring adherence to environmental standards.
- **Extended Warranty:** Comes with a 3-year warranty from the shipment date, providing peace of mind.

This image displays the BUSICOM BC-423M-W white cash drawer in an open position, highlighting its overall dimensions: 405mm width, 423mm depth, and 113mm height. The top left corner shows a small inset of a printer connected to the drawer.

This image details key structural advantages of the BUSICOM cash drawer. It points out that the entire unit, except for the coin tray, is made of steel for superior strength. It also highlights a top load capacity of 30kg (when evenly distributed) and confirms 1 million open/close operations for durability.

A diagram explaining two important design features: 1. Anti-tilt/float measures, which include metal fittings inside the drawer to prevent the coin tray from bouncing. 2. Anti-forward movement measures, which involve rubber feet installed at the front bottom of the product casing to prevent the drawer from sliding forward.

Setup

Follow these steps to set up your cash drawer for initial use:

1. **Unpacking:** Carefully remove the cash drawer from its packaging. Ensure all accessories, including the two keys, are present.
2. **Placement:** Place the cash drawer on a stable, flat surface. Ensure there is adequate space around the unit for proper operation and ventilation.
3. **Connection:** Connect the modular cable from the cash drawer to the designated drawer interface port on your compatible POS receipt printer. Refer to your printer's manual for the exact port location.
4. **Key Insertion:** Insert one of the provided keys into the lock on the front of the drawer. Keep the spare key in a safe and accessible location.

Important: This is not a manual (hand-push) drawer. It requires proper connection and configuration with a compatible POS printer to open automatically.

An overhead view of the white cash drawer with a tablet device resting on its top surface, demonstrating how it can integrate into a POS setup. The image also reiterates the dimensions: 405mm width, 423mm depth, and 113mm height. Note that the tablet and stand are not included with the cash drawer.

A diagram illustrating the modular connection type of the cash drawer. A black cash drawer is shown connected to a receipt printer via a modular cable, indicating that the drawer opens automatically in response to print commands from the printer.

Operating Instructions

The BUSICOM BC-423M-W cash drawer is designed for seamless integration with your POS system and receipt printer.

1. **Opening the Drawer:** The drawer will automatically open when a print command is sent from your POS system to the connected receipt printer, provided the printer has a built-in drawer kick

mechanism and is properly configured.

2. **Closing the Drawer:** Gently push the drawer closed until it latches securely. Ensure it is fully closed to prevent accidental re-opening or security risks.
3. **Manual Opening (Emergency):** In case of power failure or system malfunction, the drawer can be opened manually using one of the provided keys. Insert the key into the lock, turn it to the open position, and then pull the drawer open.

Note: Always ensure the drawer is closed securely after each transaction to prevent unauthorized access and maintain security.

This image provides a clear view of the cash drawer's interior, detailing the layout of its money compartments. It features four bill compartments equipped with metal clips to secure banknotes, and six fixed compartments for various coin denominations.

Maintenance

Regular maintenance helps ensure the smooth and reliable operation of your cash drawer.

- **Cleaning Exterior:** Regularly wipe the exterior surfaces of the cash drawer with a soft, dry cloth. For more persistent dirt, use a slightly damp cloth and immediately dry the surface thoroughly. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Cleaning Interior:** Periodically remove the coin and bill trays to clean any accumulated dust, lint, or debris from the interior of the drawer and its slides. This prevents obstructions that could hinder smooth operation.
- **Key Care:** Keep the provided keys clean and dry. Do not force a key if it feels stiff when turning; apply a small amount of graphite lubricant to the lock mechanism if necessary.
- **Cable Inspection:** Periodically inspect the modular connection cable for any signs of wear, cuts, or damage. A damaged cable can lead to intermittent operation or complete failure. Replace the cable if any damage is observed.

Troubleshooting

If you encounter issues with your cash drawer, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Drawer does not open automatically.	◦ Incorrect printer connection. ◦ Printer not configured for drawer kick. ◦ Power issue with printer or POS system. ◦ Drawer mechanism obstruction.	◦ Verify the modular cable is securely connected to both the drawer and the printer. ◦ Check your POS printer settings to ensure the drawer kick function is enabled. ◦ Confirm printer and POS system have power and are functioning correctly. ◦ Inspect the drawer for any foreign objects obstructing its movement.
Drawer is difficult to close.	◦ Obstruction in the drawer slides. ◦ Overfilled compartments.	◦ Check for any objects or debris in the drawer slides. ◦ Ensure bill and coin compartments are not overfilled, allowing the drawer to close freely.
Key does not turn in the lock.	◦ Incorrect key being used. ◦ Lock mechanism jammed or dirty.	◦ Ensure you are using one of the two keys provided specifically for this cash drawer. ◦ Do not force the key. Try applying a small amount of graphite lubricant to the keyhole. If the issue persists, contact customer support.

Product Specifications

Brand	BUSICOM
Model Number	BC-423M
Color	White
Material	Alloy Steel, Plastic (for trays)
Dimensions (W x D x H)	405mm x 423mm x 113mm
Weight	Approx. 8 kg

Cable Length	1.5 m
Top Load Capacity	30 kg (evenly distributed)
Bill Compartments	4 types
Coin Compartments	6 types
Accessories	2 Keys
Environmental Compliance	RoHS Compliant
Warranty Period	3 years from shipment date

Warranty and Support

The BUSICOM BC-423M-W cash drawer is backed by a 3-year warranty from the date of shipment. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.
For warranty claims, technical support, or any inquiries regarding your product, please contact your retailer or BUSICOM customer service. When contacting support, providing your order number will help expedite the process by allowing us to verify your purchase history.

Compatible Printers and Applications

This cash drawer is designed for compatibility with various POS receipt printers that feature a built-in drawer kick mechanism and connect via a modular cable.
Confirmed Compatible Printer Models:

- **Epson TM Series:** TM-m30II, TM-m30III, TM-T20II, TM-T88VI, TM-T88VII
- **Star Micronics TSP Series:** TSP143III, TSP654II
- **Star Micronics mC-Print2 Series:** MCP21LB
- **Star Micronics mC-Print3 Series:** MCP31LB
- **Seiko Instruments RP Series:** RP-F10, RP-D10
- **Fujitsu FP Series**

Compatible POS Applications:
This cash drawer is compatible with receipt printers recommended by various POS applications such as Square, Riareji, AirREGI, Sumareji, Ubi-REGI, and Rakuten Pay. Please confirm compatibility with your specific POS application provider before purchase to ensure seamless integration.

対応機種

【対応確認済プリンタ】

・エプソン
TMシリーズ　（TM-T20II、TM-T88VI）

・スター精密
TSPシリーズ（TSP143III、TSP654II）
mC-Print2シリーズ（MCP21LB）
mC-Print3シリーズ（MCP31LB）

・富士通
FPシリーズ

・セイコーインスツル
RPシリーズ（RP-F10,RP-D10）

【対応可能レジアプリ】
Square　リアレジ　Airレジ　スマレジ

※上記他、各種レジアプリ[Airペイ・ユビレジ・Uber Eats・楽天ペイ等]
推奨の各種レシートプリンタと互換性がございます。
ご使用可否につきましては、ご購入前に必ずアプリ提供会社にご確認下さい。
※他メーカーのプリンタでの動作確認用に、デモ機のお貸出も承ります

This image lists various printer models from brands like Epson, Star Micronics, Seiko Instruments, and Fujitsu that are confirmed compatible with the cash drawer. It also mentions compatibility with receipt printers recommended by popular POS applications such as Square, AirREGI, and Sumareji.