

USER MANUAL

Domino One-Pocket Currency Discriminator

This manual contains important information on safety measures and operational features of the Kolibri Domino 1-pocket currency discriminator. Please read it carefully before operating your machine and keep it for future reference.

While every effort has been made to include all features into this user manual, specifications stated may not reflect all the features of the later software versions.

If you have questions about your Kolibri Domino and its operation, please contact technical support at www.kolibriusa.com/support.

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1. INTRODUCTION

1.1 About the Kolibri Domino

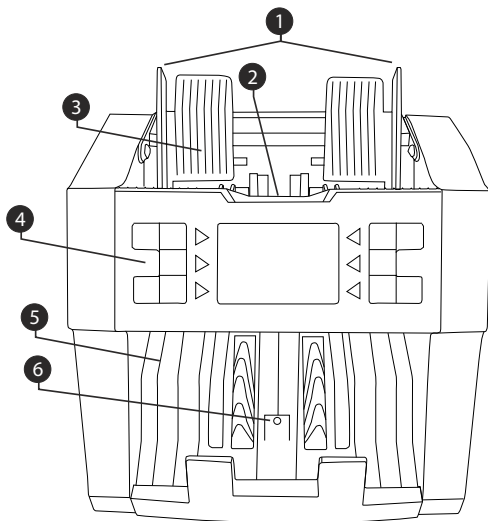
Thank you for choosing the Kolibri Domino 1-pocket currency discriminator.

The Kolibri Domino is a professional, powerful, value counter and sorter, with strong counterfeit detection and high level of performance. The Kolibri Domino has a convenient user friendly interface, intuitive touch panel, and a variety of counting modes.

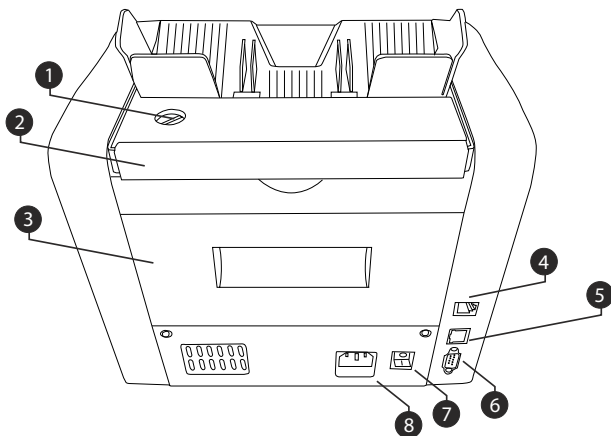
1.2 Box contents

- Kolibri Domino 1-pocket sorting machine
- Power cord
- User manual

1.3 Views of the Kolibri Domino

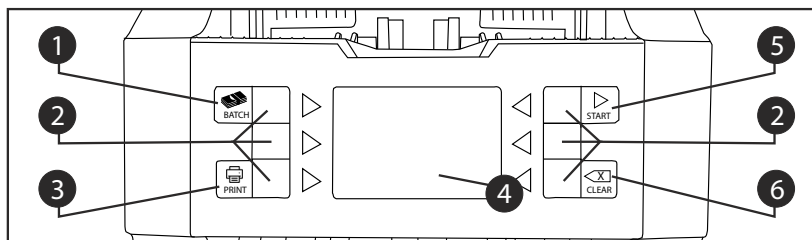


- ❶. Bill guides
- ❷. Hopper Sensor
- ❸. Hopper
- ❹. Control Panel / Touch Display
- ❺. Stacker
- ❻. Stacker Sensor
- ❼+❽. USB and Memory Ports (under control panel - not used)



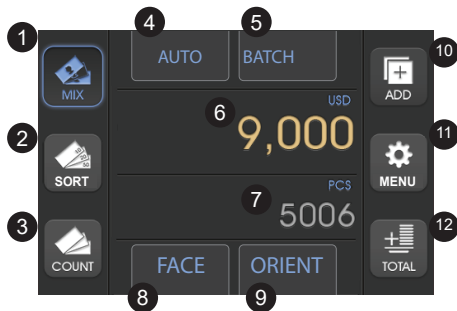
- ❶. Feed Gap Adjuster
- ❷. Carrying Handle
- ❸. Access Door
- ❹. RJ11 Port (not used)
- ❺. RJ45 Port (not used)
- ❻. Printer Port
- ❼. Power Switch
- ❽. AC Power

1.4 Control panel



Control panel	
Key	Function
➊. Batch	Opens the batch screen
➋. Multi-function	These buttons change according to mode or menu setting
➌. Print	Prints the Total Report if a printer is connected
➍. Touch Screen	Shows total count and settings
➎. Start	Starts the count (when not in auto-start mode)
➏. Clear	Clears the count and / or error

1.5 Display



1. Mix Button / Icon
2. Sort Button / Icon
3. Count Button / Icon
4. Auto / Manual Toggle
5. Batch Button / Icon
6. Total Amount Indicator
7. Total Piece Count Indicator
8. Face Button / Icon
9. Orient Button / Icon
10. Add Button / Icon
11. Menu Button / Icon
12. Total Button / Icon

2. OPERATION

2.1 Getting started

Connect the power cable to the port. Before switching on the unit, make sure the hopper is empty. Using the power switch behind the counter, turn the machine on. The device will self-test and is ready for operation when the display shows the home screen. Before using the device, it is recommended to leave the machine turned on for 10-15 minutes (to warm up the counterfeit detection sensors)

2.2 Loading bills

Before loading bills and working on the Kolibri Domino, the user should check the counting mode.

It is very important to place the bills into the hopper correctly, because recognition performance of the bills is highly affected by the arrangement of the bills. Bills should be placed in a neat stack prior to being placed into the hopper. Avoid counting bills that are wet, excessively dirty, spoiled, folded, curled or with foreign material like clips, bands, etc. Bills such as these can cause the machine to malfunction.

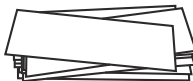
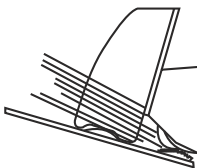
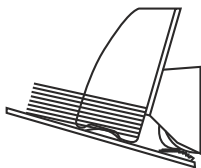
WARNING

Hazardous moving parts!

Do not place fingers, hair, or clothes, etc. near the moving parts.

Tips: To reduce rejects

- Place the bills evenly arranged as shown below.
- Adjust bill guides to fit to the size of the bills.
- Correct the bills if they are severely wrinkled or damaged.



2.3 Counting Modes

There are 7 counting modes on the Kolibri Domino

MIX mode

SORT mode

COUNT mode

FACE mode

ORIENT (Orientation) mode

ADD mode

BATCH mode

2.3.1 MIX mode



This mode is available from the home screen by touching the button that corresponds to the MIX icon, or by touching the MIX icon directly on the touch display.

MIX mode is used to count a stack of mixed denominations. Total number of bills and total value will be displayed on screen. When operation is complete, you can view a detailed report by pressing the TOTAL icon on the touch screen, or by pressing the corresponding button.

2.3.2 SORT mode



This mode is available from the home screen by touching the button that corresponds to the SORT icon, or by touching the SORT icon directly on the touch display.

SORT mode allows the user to count and sort bills by one denomination which is automatically determined by the first bill scanned in a stack. This can be useful when you have a large strap of one denomination, but you want to be sure that there are no bills of other denominations in the strap. After the first bill is identified, the machine will stop every time a bill of a different denomination passes through the machine. When this occurs, a message will pop up on screen with directions for the user to remove the top bill from the stack and continue counting.



DENOMINATION ERROR

Remove top bill from stacker.
Not added to count.
Press start to continue.

Sort Message

The result of this process is a uniform stack of bills of a single denomination. When operation is complete, you can view a detailed report by pressing the TOTAL icon on the touch screen, or by pressing the corresponding button.

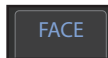
2.3.3 COUNT mode



This mode is available from the home screen by touching the button that corresponds to the COUNT icon, or by touching the COUNT icon directly on the touch display.

COUNT mode allows the user to simply count the total number of bills. It does not recognize or record the denomination of any bills. During COUNT mode, there is no counterfeit detection active.

2.3.4 FACE mode



This mode is available from the home screen by touching the FACE on the display, or by selecting FACE/Orientation from the menu.

FACE mode allows the user to sort bills based on whether they are loaded into the Domino face up or face down. The first bill in the hopper determines the sorting and counting orientation. If the first bill through the machine is face up, all bills in the stack that are face up will end up in the stacker. Any time a bill passes through the Domino that is not face up, the machine will stop and prompt the user to remove that bill from the stack. Total number and total value of the counted bills will be displayed on the home screen.



FACE ERROR

Remove top bill from stacker.
Not added to count.
Press start to continue.

Face Message

2.3.5 ORIENTATION Mode

ORIENT

This mode is available from the home screen by touching the ORIENT icon on the display, or by selecting Face/Orientation from the menu.

ORIENTATION mode allows the user to count and sort bills by one of 4 orientations. The first bill in the hopper determines the counting orientation. Any time a bill passes through the machine and does not conform to the orientation determined by the first bill, the machine will stop and prompt the user to remove the nonconforming bill from the stack. Total number and total value of the counted bills will be displayed on the home screen.



ORIENTATION ERROR

Remove top bill from stacker.
Not added to count.
Press start to continue.

Orientation Message

ORIENTATION mode is most effective when used after a stack of bills has already been faced uniformly by using the FACE mode.

2.3.6 ADD Mode



This mode is available from the home screen by touching the button that corresponds to the ADD icon on the home screen, or by touch the ADD icon directly.

The addition function provides a cumulative count of bills even across multiple stacks of bills. For example, the user wants to process 500 bills but the machine can only process 250, which is the limit of the stacker. The user can process the first 250, then remove the bills from the stacker and the machine will process the remaining 250 bills and add them to the running total.

2.3.7 BATCH Mode

BATCH

This mode is available from the home screen by touching the BATCH icon or by selecting BATCH from the menu.

The BATCH function is used to select a batch quantity for a specific counting process. With the BATCH mode active, the machine counts a preset number of bills and then stops counting when the batch number has been reached even if bills remain in the hopper. By default, opening the batch menu will set the batch size to 0. From this menu the batch size can be adjusted by pressing the +1, +10, or +100 icons, and saved by pressing the enter icon.



Batch Screen

A "BATCH FULL" message will flash on the display when the counting reaches the preset number. The user can then remove the batch of bills from the stacker and the machine will automatically count out the next batch.

If there are not enough bills in the hopper to complete a batch, a "BATCH INCOMPLETE" message will flash on the display. More bills can then be added to the hopper and the batching can be resumed.

2.4 After-Count Functions

TOTAL

This function is available from the home screen by touching the button that corresponds to the TOTAL icon, or by touching the TOTAL icon directly on the touch screen.

The TOTAL function adds all of the current counting results and provides an on-screen report of the total amount of each denomination counted, the value of the counted bills of that denomination, and a grand total value of all bills counted.

DENOM	PCS	AMOUNT
100	10	1000
50	2	100
20	40	800
10	200	2000
5	85	425
2	0	2
1	16	16
TOTAL		4341

BACK

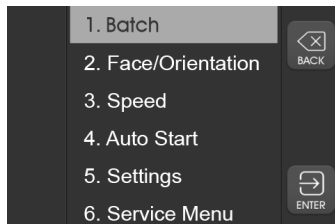
Total Screen

2.4.1 Print

This function is available by opening up the counting report by pressing TOTAL and then pressing the PRINT key. If a printer is connected, a detailed printout of the counting report will be produced.

2.5 Menus

The menu can be accessed by pressing the button that corresponds to the MENU icon or by touching the MENU icon directly on the touch screen.



1. Batch	Opens the Batch screen
2. Face/Orientation	Opens the Face/Orientation screen
3. Speed	Opens the Speed screen, allowing the user to adjust the count speed
4. Auto Start	Opens the Auto Start screen, allowing the user to toggle between manual start mode and auto start mode. This screen is also accessible by touching the Manual/Auto icon on the home screen.
5. Settings	<p>Opens the settings menu allowing access to the following options:</p> <ul style="list-style-type: none">1. <u>Beeper</u> Allows the user to toggle the beeping that occurs with every action2. <u>Time</u> Allows the user to adjust the time which appears on the report printouts3. <u>Version</u> Allows the user to see the software version4. <u>Currency</u> Allows the user to change currency. Note: USD is the only currency available on the Domino at this time

6. Service Menu

This menu contains access to delicate sensor settings and parameters that should only be adjusted by a Kolibri technician. The menu is password protected to prevent the user from accidentally adjusting these settings and interfering with the Domino's ability to operate.

2.6 Important Safety Notes

When using this unit, basic safety precautions should always be observed, including the following:

- Read this manual before operation
- The manual should be available to the operator
- Do not use this unit in areas where it may be exposed to water or any other liquids
- Make certain the unit is installed on a flat surface
- Do not operate the machine in areas with high temperature, humidity or smoke, as these conditions may prevent proper operation
- This unit is designed for indoor use in a ventilated environment. Keep the machine away from direct sunlight or strong directional interior lighting and strong magnetic fields. These could interfere with the counterfeit detection sensors.
- During operation, do not touch the moving parts of the unit
- Avoid allowing foreign objects into the machine attached to your bills such as staples or paper clips
- Avoid dropping the unit
- When finished operating, ensure there are no bills in the hopper or transport system
- Use a surge protector or power conditioner when possible
- When not using the unit for an extended period of time, disconnect the power cord from the wall outlet
- Unplug the unit from the wall outlet before cleaning. Use a damp cloth or specifically designed maintenance accessories such as an air duster, soft bristle brush, or cleaning cards
- To avoid the risk of electrical shock, do not disassemble this unit. Disassembly will expose you to dangerous voltages and other safety risks. Incorrect

reassembly can cause electrical shock when the appliance is subsequently used

- Clean the unit regularly
- Contact Kolibri for service or repair. Do not try to replace any parts yourself

3. ERROR MESSAGES

Error message	Solution
DENOMINATION ERROR	While in SORT mode, this error will occur when a bill is passed that does not conform to the denomination of the first bill passed in the stack
ORIENTATION ERROR	While in ORIENTATION mode, this error will occur when a bill is passed that does not conform to the orientation of the first bill passed in the stack
FACE ERROR	While in FACE mode, this error will occur when a bill is passed that does not conform to the facing of the first bill passed in the stack
CHAIN ERROR	This error will occur when bills are pulled through the machine incorrectly and may cause a miscount
DOUBLE ERROR	This error will occur if two bills pass through the machine while stuck together and may cause a miscount
IMAGE ERROR	This error will occur if the machine does not recognize the bill that was passed through the machine
IR SUSPECT ERROR	This error will occur if the machine suspects a bill to be counterfeit based on Infrared scanning
MG SUSPECT ERROR	This error will occur if the machine suspects a bill to be counterfeit based on magnetic scanning

UV SUSPECT ERROR	This error will occur if the machine suspects a bill to be counterfeit based on ultraviolet scanning
CHECK PS1	Check if the upper door is open or a bill exists in the bill path.
CHECK PS2	Check if the lower door is open or a bill exists in the bill path.

4. MAINTENANCE, WARRANTY, AND SHIPPING INFO

4.1 Maintenance

WARNING:

This unit has many sophisticated sensors. To keep the machine running correctly, it requires proper maintenance. If you notice performance has deteriorated, please clean all sensors prior to calling a technician. Unplug the machine completely from all electrical sources before attempting any cleaning process.

All parts of the Kolibri Domino need daily care and cleaning. Pay close attention to the sensors, which are delicate components. If any dust or other foreign matter adheres to the sensors, it may cause various problems during operation of the machine.

- To avoid malfunction caused by foreign objects, please clean your machine every day
- Clean sensors with a dry cloth frequently
- Rubber rollers may be cleaned with a slightly damp cloth. You may use a small amount of liquid soap on the cloth but the soap residue should be properly removed.

WARNING:

DO NOT use solvents such as thinner, alcohol, etc. to clean the machine.

4.2 Warranty

Warranty is effective for a period of one year from the date of purchase. In most cases, malfunctions can be resolved by cleaning the unit.

- Customer should allow the manufacturer the time and opportunity to test and diagnose the machine to determine warranty and non-warranty claims
- After receiving and unpacking the unit, customer shall keep the package and its user manual. Warranties are canceled in the event the device is transported in a non-original packaging or operation/ maintenance conditions are not met
- Company is not responsible for unit malfunction due to improper maintenance, storage, or transportation including, but not limited to mechanical damage
- Manufacturer is entitled to introduce updated software, not described in the current user manual

Non-Warranty Service:

The manufacturer can perform maintenance and cleaning for an extra fee. For a non-warranty repair or maintenance quotation, contact our Technical Support team.

Warranty service is not available in the following cases:

- Cleaning of the unit from dust and mud
- Operation or maintenance rules requirements set in the user manual are not met
- There is mechanical damage to the unit or the sealed portions of the unit have been opened or tampered with
- There are foreign objects or liquid inside the unit

4.3 Shipping

The warranty does not cover shipping cost to or from our Technical Service Center.

Technical Support contact information:
www.kolibriusa.com/support

When contacting Technical Support, please have the following available:

- Product Model – Located on the back side of your currency discriminator
- Serial Number – Located on the back side of your currency counter
- Nature of the problem – What happened, and when did it happen? Did the machine display an error message?
- Steps already taken to resolve the problem, and the results

4.4 Specifications

Feeding system:	Roller friction
Counting speed:	800/1000/1200 bills/min
Hopper capacity:	600 bills (uncirculated)
Stacker capacity:	250 bills (uncirculated)
Banknote size range:	120x60. 180x90 mm
Display:	3.2" LCD Touch Screen
Interface:	RJ-11, RJ-45, RS-232, USB
Detection:	MG, UV, IR, CIS
Power Supply:	110-240V, 50/60Hz
Size (WxDxH):	10.5" x 9.5" x 11"
Weight:	14 lbs (6.4kg)
Ambient Temperature:	50 F – 95 F (10 C – 35 C) Relative humidity below the dew point not permissible: 20%- 90% r.h. (Non – condensing)



Kolibri Corporation - North America

Printed in China

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FNDOM0617