

Instruction Manual



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Compliance information

For Class A digital device

INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING(Part 15.21)

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

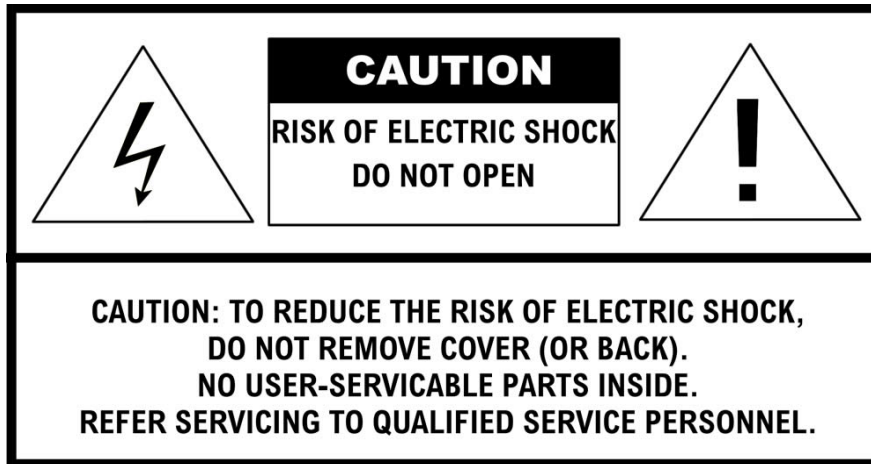


WARNINGS AND CAUTIONS

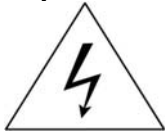
WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
DO NOT INSERT ANY METALLIC OBJECT THROUGH VENTILATION GRILLS.

CAUTION



Explanation of Graphical Symbols



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

PRECAUTIONS

Safety: Should any liquid or solid object fall into the cabinet unplug the unit and have it checked by qualified personnel before operating it any further.
Unplug the unit from the wall outlet if it is not going to be used for several days or more.

To disconnect the cord, pull it out by the plug. Never pull the cord itself.

Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

Installation: Do not install the unit in an extremely hot or humid place or in a place subject to excessive dust or mechanical vibration.

The unit is not designed to be waterproof. Exposure to rain or water may damage the unit.

Cleaning: Clean the unit with a slightly damp soft cloth.

Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the unit.

INTRODUCTION

Product Features

- EZ COUNT Series currency counter not only provides fast and accurate counting, but is also convenient and easy to operate.
- It incorporates innovative technology to ensure reliable counting operations, plus it has an ergonomic design.
- The compact design makes it perfect for desktop use anywhere in your organization.
- Continuous counting is supported with the use of the ADD button. The cumulative total is shown on the LED display.
- Commonly used preset keys including 0, 5, 10, 20, 25, 50 and 100 allow you to complete an operation with just a few keystrokes.
- EZ COUNT Series is the first machine that automatically adjusts the density level of bank notes, thereby improving efficiency.
- EZ COUNT Series provide three-speed control system. (1200/1000/800 notes/min.)
- The built-in self-diagnosis assists in troubleshooting any malfunctions that may occur.
- Should an error occur during counting, the corresponding error code shows on the LED display and gives the operator an audible signal.
- Simply place banknotes in the hopper, and the desired operation will automatically start and stop at the preset number.
- If any notes remain in the stacker, the next operation will not begin until they are removed to ensure the independence of each counting operation.
- Quiet operation helps maintain a pleasant office environment.

Setup Instructions

- Avoid locations that are subject to direct sunlight, excessive heat, moisture, or dust.
- Place the EZ COUNT Series currency counter on a flat, hard stable surface.
- Leave adequate room around the machine to allow for easy operation and maintenance.
- Plug the power cord into a 110V power source.
- Wait until the display is illuminated. The machine is now ready for use.

Functions of components

Functions of the Individual Components (Front View)



Hopper

The hopper can hold up to 300 sheets of bank notes at a time. Placing currency in the hopper automatically starts the counting operation.

Stacker

The processed notes are placed in order in the stacker. If any notes remain in the stacker, the next operation will not begin until they are removed.

Notes Guide

The notes guide ensures that the notes are placed in the hopper in order so a smooth counting operation will occur.

Carrying Handle

One unique feature of EZ COUNT Series currency counter is the portability. The carrying handle can be used to transport the unit to other locations.

Operating Panel

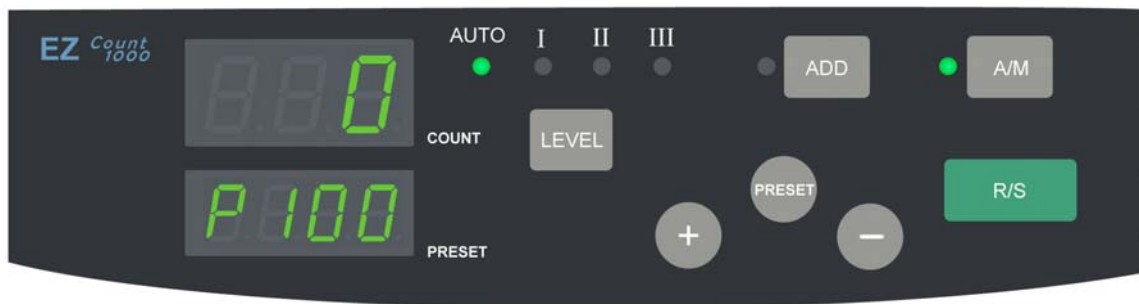
The operating panel contains various controls that provide several powerful functions. The specifics of this will be reviewed subsequently in this manual.

Thickness Setting Level

The thickness level is set at the factory for the default use. However, it can be modified under the following conditions.

- The display shows "EC" OR "ED" during a normal counting operation : Adjust toward the "-" sign.
- Counting is performed at an inconsistent speed: Adjust toward the "+" sign.

Functions of the Individual Components (Display Panel)



Count Display

Counting results appear on the Count Display. This display is also used to show error codes when an error has occurred. In the illustration, the Count Display is showing "0" as an initial value.

Add/Presets Display

The cumulative total count and preset count can be shown on the Add/Presets Display. It will show a number with a prefix "P" abbreviated from "Preset number".

Preset Button

The Preset Button is used to set the count number in advance so the counting operation will stop at the specified number. With the EZ COUNT Series, the user may continue to press the Preset Button: to alternately display preset numbers including 0, 10, 20, 25, 50 and 100.

"+" Button

Once the Preset Button has been depressed, the "+" Key is used to select a preset number. Each time the "+" Key is pressed, the selected preset number is incremented by 1.

"-" Button

Once the Preset Key has been depressed, the "-" Key is used to select a preset number. Each time the "-" key is pressed, the selected preset number is decreased by 1.

Add Button

EZ COUNT Series supports continuous counting so that counting results can be accumulated for subsequent display.

R/S Button

The R/S (Restart) Button is used to initiate a counting operation or to clear an error code.

A/M (Auto/ Manual) Button

The main use of the "A/M" Switch is to toggle between automatic and manual operation of the machine.

(Density) Level Button

Under the "Auto" counting mode, this switch functions to change the four different levels in the following sequence -- I, II, III, and AUTO. If you are unsure which level your bank notes are, set it to "AUTO" and it will automatically scan the first note to set the correct level for the rest of the notes. Or, you may choose level I for low density, level II for medium density and Level III for high density.

Speed Control System

EZCount Series provide the variable speed control system(1200/1000/800pcs/min).

In order to activate this function, there should be no notes on the Hopper and Stacker.

Then, press "R/S" key, and the display shows the present speed.

Now, once "R/S key is pressed then the speed can be set up and down, using "+" or "-" key. Around after three or four seconds, the status of machine will be automatically returned back to the original position.

Functions of the individual Components (Rear Panel)

Power Supply

The 3-prong power cord, which is included with the EZ Count series should be firmly connected to the power source.

Fuse

In case the fuse burns out, replace it to resume normal operations.

Use the 1.5A fuse only; use of the wrong fuse may cause damage to the machine.

Power Source Switch

110V is the main power source to the unit.

Power Switch

This Power switch is used to turn power ON or OFF.

HOW TO PLACE NOTES IN THE HOPPER

- To ensure smooth accurate counting operations, the notes should be checked for coins, paper pieces, clips or any other objects.
- Avoid using any wet or seriously damaged notes.
- Any folded or wrinkled note should be smoothed out.
- Align the notes on all four sides, and place them in the center of the hopper.
- If any notes remain in the stacker, counting will not begin until they are removed.

OPERATING INSTRUCTIONS

- Turn the power switch ON. The machine will operate for a brief warm up. "0" will show on the display, indicating that the machine is now ready for use.
- When notes are placed in the hopper, it starts counting automatically, and stops either when the preset number has been reached or when the hopper has been emptied.
- Upon completing an operation, the counting result appears on the display until the next operation. Each operation automatically resets this number to zero before it begins.
- In order to begin a new counting operation, all the notes in the stacker should first be removed, and then the notes to be counted may be placed in the hopper.
- Use the Preset Button in conjunction with the "+" or "-" key to specify the preset number at which counting will stop. Available preset numbers include 0, 5, 10, 20, 25, 50, and 100.

TROUBLESHOOTING UNDER ERROR CONDITIONS

If and when an error occurs during counting, the operation will stop automatically, and an alarm will be generated to alert the operator. The corresponding error code will appear on the Count Display. See Table 1 for explanation of the different error codes.

- When an error occurs, it is necessary to remove all the bank notes from the hopper and the stacker. Press the Start/Clear Button to resume the operation.
- In case of an error, the counting operation should be started over, because the number appearing on the display may not be accurate due to the error that has occurred.

Error code	Cause of error	Remedy
EJ (Jam)	Notes jammed in the roller	Cautiously remove the jammed notes and restart the operation
EC (Chain)	Notes passing overlapped causing chain action	Place the notes in the hopper again and restart the operation
EH (Half)	Half-size notes detected	
ED (Double)	Doubles detected	
EP (Over)	Notes over counted (i.e. notes counted past the preset number due to an abnormal condition)	

SPECIFICATIONS

Acceptable note sizes:	3 7/8" - 7 3/8" (l) 2" - 4" (h)
Counting speed:	1200/1000/800 notes per minute (5/6/7 seconds per 100 notes)
Hopper capacity:	Max. 300 sheets (new) Max. 200 sheets (used)
Stacker capacity:	Max. 200 sheets
Batch preset keys:	0, 5, 10, 20, 25, 50, 100
Power source:	AC 110V, 60Hz
Power consumption:	10 W (when idle) 40 W (when operating)
Dimensions:	10 5/8 "(w) x 9 1/2 "(h) x 8 5/8 "(d)
Weight:	17.5lbs.