■ This instruction manual and instrument use various precautionary representations to help you operate the instrument safely. The following describes their meanings.

⚠ **WARNING**   Negligence of this precaution could result in serious injury to the operator.

⚠ **CAUTION**   Negligence of this precaution could result in injury or damage to the operator.

REQUEST This refers to operation that may result in problems and require or remedies, such resetting.

MEMO This provides operational tips and other useful information.

■GRAPHIC SYMBOLS

⚠ This symbol tells you to "beware" of something. A representation in or by this symbol shows specifically what you should beware of.

🚫 This symbol refers to something "you must not do" . A representation in or by this symbol shows specifically what you should not do.

● This symbol refers to something "you must do" . A representation in or by this symbol shows a specific instruction.

	⚠ WARNING
🚫	● Never disassemble or re-engineer the instrument. It could result in a fire, electric shock, or other problems.
🚫	● Do not put any foreign substances, such as a finger, pen, or wire, into the instrument. This could result in injury, electric shock, or other problems. ● Secure power directly from a wall outlet, and avoid putting multiple loads on one electrical outlet. It could result in a fire. ● Never place a heavy substance on the power cord, desk leg, printer stand etc. It could damage the cord and result in a fire or electric shock. ● Do not connect/disconnect a power plug with a wet hand. You could receive an electric shock. ● Do not put a finger into the instrument. You may be injured. ● Do not splash water or chemicals over the instrument. It could result in a fire, electric shock, or trouble.
🔌	● If water gets inside the instrument, disconnect the power plug immediately from the wall outlet, and ask your dealer for repair. Using the instrument in that state could result in a fire, electric shock, or other problems. ● Do not use the instrument if it is out of order. If it is used while it is smoking, emitting an abnormal sound, or emitting a foul odor, it could result in a fire or electronic shock. Disconnect the power plug immediately from the wall outlet from the wall outlet, and ask your dealer for repair.

	⚠ CAUTION
🚫	● Do not share a wall outlet with an electric appliance (air conditioner, refrigerator, microwave, office automation equipment, ect.). The voltage drops and the instrument may malfunction. ● Do not leave paper or cloths on the instrument. It could result in a fire or trouble.
🔌	● When replacing an ink roll, be sure to disconnect the power plug from the wall outlet. Otherwise, you could be injured if the instrument is activated suddenly. ● When the instrument is not used for a long period of time, be sure to disconnect the power plug from the wall outlet, for safely. ● When moving the instrument, be sure to disconnect the power plug from the wall outlet. Otherwise, the power cord could be damaged, resulting in a electric shock.
●	● Clean the power plug periodically. Otherwise, it could accumulate dust, resulting in a fire or other problems. ● When disconnecting the power plug, do not pull the power cord; rather hold and pull the power plug, Otherwise, the power cord could be broken, resulting in a fire or electric shock. ● Install the instrument horizontally. Avoid any unstable place, such as a rickety stand or tilted surface. Otherwise, the instrument could fall or drop from the stand, resulting in an injury.

REQUEST Be sure to observe the following in order to prevent the troubles of the instrument.
● Do not use or store the instrument in the following place
1) Any place that catches direct sunlight, or located close to heat source
2) Any place that has dust or high humidity. Keep beverages and liquid containers away from this instrument
3) Any place that is not level or subject to vibration.
4) Any place that temperature goes below 0℃/32°F or over 40℃/104°F.
● Avoid using paper thicker than the normal type of check.
● Do not forcibly pull the check from the instrument or suddenly stop the instrument during operation.
● Do not place anything on the left of the instrument (in the check moving direction), otherwise the instrument may fail to print in the correct position.
● Do not unplug the power cord during operation.
● Avoid operation without a check in the instrument, as this shortens machine life and the following operation soils the reverse side of checks. If you have performed printing without inserting a check in the instrument, perform printing again on a scrap of paper before preparing a check.
● Use the ink roll specified for this instrument ("R-50"). Do not apply commercially available ink, alcohol, oils, etc.
● Wipe up soils with dry and soft cloths to clean the instrument. Do not use water, benzine, thinner, etc.
● For pluggable equipment the socket outlet shall be installed near the equipment and shall be easily accessible.

CONTENTS

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1 MAIN FEATURES

★ Use of a serial printing method provides dense and clear print.

★ Capable of printing up to 14 digits. Just press the (P) key after entering a number. Printing starts automatically.

★ Capable of indicating the accumulated amount of money and number of checks issued, and allows you to confirm them on the display. The accumulated amount of money on the check issued can be printed for your confirmation.

REQUEST Do not turn the machine off or pull the plug out of the wall socket while you are processing checks during the day.
This will automatically clear the check writer of all data.

2 CONFIRMATION OF ACCESSORIES

This instrument comes with the following accessories. Confirm them before use.

1) Instruction manual   : 1 booklet
2) Dust cover   : 1 pc.
3) Paper for trial printing   : 2 sheets
4) Ink roll R-50   : 1 pc. (installed in the instrument)
5) Marking seals for pointing out the print start position

Display
Power switch

Function key

Power cord

Depth adjustment lever
Table

MEMORY CLEAR
PRINT

Clear key

Printing key
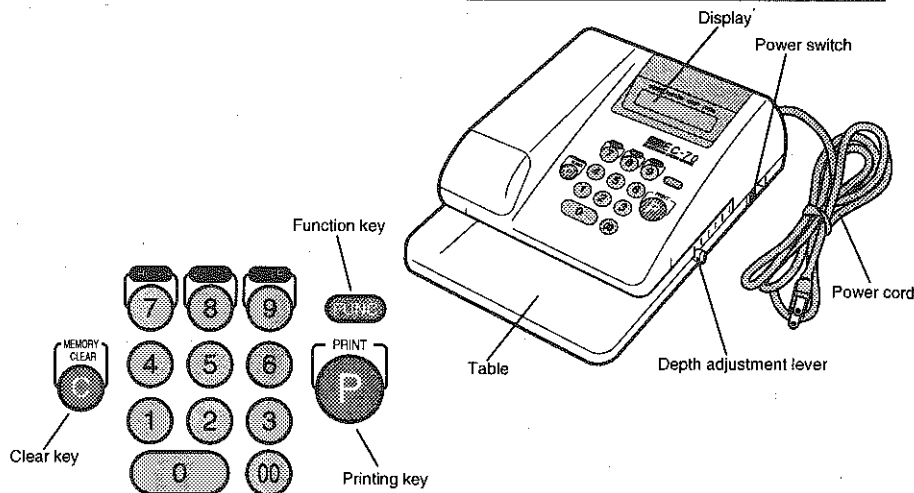
| Description	Key Operation	Contents
CHECKS	(FUNC) → (7) ((FUNC) → (8) → (7))	To display the accumulated number of checks issued
AMOUNT	(FUNC) → (8) ((FUNC) → (7) → (8))	To display the accumulated amount of money on the check issued
OVER	(FUNC) → (8) → (9)	To display the upper 14 digits and lower 1 or 2 digits of the accumulated amount of money issued, alternately
PRINT	(FUNC) → (P)	To print the amount without adding to the accumulated amount of money/number of checks issued
	(FUNC) → (8) → (P)	To print the accumulated amount of money issued up to 16 digits
MEMORY CLEAR	(FUNC) → (7) ⎤ (FUNC) → (8) ⎦ → (C)	To clear the memory of *both accumulated number of checks and amount of money issued*

(**SPECIAL NOTICE**) The function bar must appear on the screen anytime you are requesting stored data or totally clearing the machine.
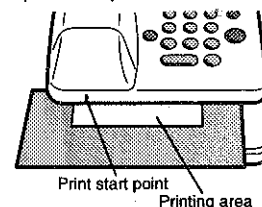
① Connect the power cord to a plug socket.

② Turn on the Power switch. "0.00" appears on the display.

CHECKS AMOUNT OVER FUNC

0.00
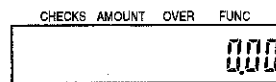
③ Adjust the printing depth with the depth adjustment lever.

Power switch
ON
OFF
Depth adjustment lever
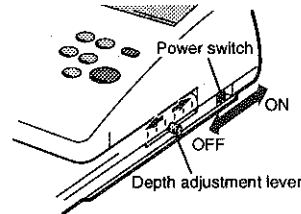
④ Adjust the print start position of the check to the print start point.
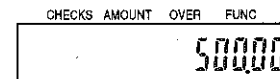
Print start point
Printing area

REQUEST
★ If the print start position is 3/4 inch (17mm) or less from the left edge of the check, printing will not be allowed.

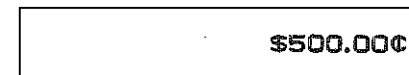3/4 inch. or less
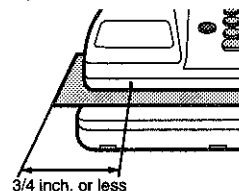
⑤ Press the numerical keys to enter your desired amount of money.
(Example) (5) (00) (00)

CHECKS AMOUNT OVER FUNC

500.00

⑥ Press the (P) key to issue a check.

$500.00¢

MEMO

★ If you want to issue another check of the same amount, set the check and press the (P) key.

★ If you desire a different amount of money, press the numerical keys to enter it. It is not necessary to press the (C) key.

★ The amount of money issued by the (P) key is added to the total amount/number of checks issued.

★ The amount of money issued by pressing the (P) key after the (FUNC) key is not added to the total amount/number of checks issued.

★ As a check positioning mark or depth adjustment mark, stick the accessory marking seal to the table case, as shown in the figure.

Marking seal
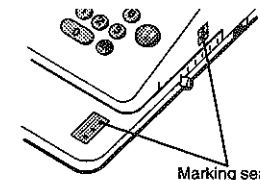
5 INDICATING THE ACCUMULATED AMOUNT OF MONEY ON THE CHECKS ISSUED ((FUNC) → (8))

The accumulated amount of money on the checks issued can be displayed and printed up to 16 digits.

① Press (FUNC) key. Confirm that a status bar is located below "FUNC" on the display.

CHECKS AMOUNT OVER FUNC
```
  5.00.00
```
Status bar
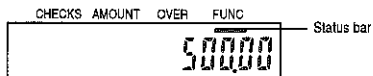
〈a. IN CASE OF *14 DIGITS OR LESS*〉

② Then, press the (8) key. The mode of "The accumulated amount of money issued" will take effect.
The accumulated amount of money on the check issued so far appears on the display. At this time, the status bars are located under "AMOUNT" and "FUNC". (Example) $1,234,567,890.00

CHECKS AMOUNT OVER FUNC
```
 1,234,567,890.00
```
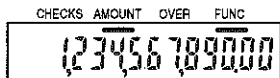
MEMO

The accumulated amount of money is also displayed by pressing the 8 key on the mode of "The accumulated number of checks issued".

③ Press the (P) key.
The displayed amount of money will be printed.

```
$1,234,567,890.00¢
```

〈b. IN CASE OF *15 OR 16 DIGITS*〉

② Then, press the (8) key. The mode of "The accumulated amount of money issued" will take effect.
The upper 14 digits amount of money is displayed and the status bars appear under "AMOUNT", "OVER" and "FUNC". (Example) $12,345,678,901,234,56

CHECKS AMOUNT OVER FUNC
```
 12,345,678,901,234
```

③ Press the (9) key, and then, the display is switched to show the lower 1 or 2 digits.

CHECKS AMOUNT OVER FUNC
```
              .56
```
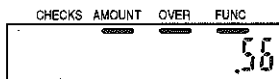
MEMO

* The upper 14 digits and lower 1 or 2 digits are alternately displayed by pressing the (9) key.

④ Press the (C) key to clear the accumulated amount of money.
At the same time, the accumulated number of checks issued is also cleared.

⑤ Press the (FUNC) key to switch the current mode to the issuing mode. The amount of money entered last will appear on the display again.
At this time, the status bar is not displayed.

CHECKS AMOUNT OVER FUNC
```
  5.00.00
```
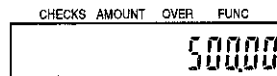
MEMO

* ((FUNC) → (7) → (8))
The accumulated amount of money can be displayed by pressing the (8) key in the mode of "The accumulated number of checks issued".

* ((FUNC) → (8) → (7))
The accumulated number of checks can be displayed by pressing the (7) key in the mode of "The accumulated amount of money issued".

* If the accumulated amount of money issued has 17 digits or more, "Error" will be displayed, to indicate that the amount cannot be printed. In this case, press the (C) key or turn off the power, to clear the accumulated amount of money.

CHECKS AMOUNT OVER FUNC
```
  --Error--
```

④ Press the (P) key.
The displayed amount of money will be printed up to a 16-digit amount of money.

```
$12,345,678,901,234.56¢
```

⑤ Press the (C) key to clear the accumulated amount of money.
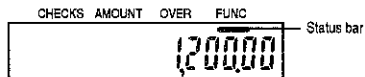At the same time, the accumulated number of checks issued is also cleared.

⑥ Press the (FUNC) key to switch the current mode to the issuing mode. Then, the amount of money entered last will be displayed again.
At this time, the status bar is not displayed.

CHECKS AMOUNT OVER FUNC
```
  5.00.00
```
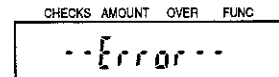
* The memory of the accumulated amount of money on the check issued is cleared by turning off the power or power failure.
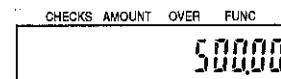
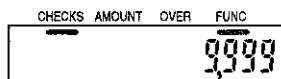## 6 INDICATING THE ACCUMULATED NUMBER OF CHECKS ISSUED ((FUNC) → (7))

*The accumulated number of checks issued can be displayed up to 4 digits, but **not** printed.*

① Press the (FUNC) key.
Confirm that the status bar is located below "FUNC".

```
CHECKS  AMOUNT   OVER   FUNC
                              ──── Status bar
       1,200.00
```

② Then, press the (7) key.
The mode of "The accumulated number of checks issued" will take effect, displaying the accumulated number of checks issued.
At this time, the status bars are located under "CHECKS" and "FUNC".

```
CHECKS  AMOUNT   OVER   FUNC
 ▬▬                     ▬▬
            9,999
```

③ Press the (C) key to clear the accumulated number of checks.
At the same time, the accumulated amount of money on the checks issued is also cleared.

④ Press the (FUNC) key to switch the current mode to the issuing mode, and then, the amount of money entered last will be displayed again.
At this time, the status bar is not displayed.

```
CHECKS  AMOUNT   OVER   FUNC
       1,200.00
```
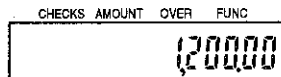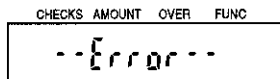
MEMO

* ((FUNC) → (8) → (7))
The accumulated number of checks can be displayed by pressing the (7) key in the mode of "The accumulated amount of money issued".

* ((FUNC) → (7) → (8))
The accumulated amount of money can be displayed by pressing the (8) key in the mode of "The accumulated number of checks issued".

* If the accumulated number of checks issued has 5 digits or more, "Error" will be displayed.
In this case, press the (C) key or turn off the power, to clear the accumulated number of checks.

```
CHECKS  AMOUNT   OVER   FUNC
    - - Error - -
```

* The memory of the accumulated number of checks issued is cleared by turning off the power or from a power failure.

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7 INK ROLL REPLACEMENT

⚠ CAUTION
🚫 ● When replacing an ink roll, be sure to disconnect the power Plug from the wall outlet. Otherwise, you could be injured if the instrument is activated suddenly.

If the print becomes too light, replace the ink roll in the following procedures.

① ⚠ Turn off the power switch.

② Insert a scrap of paper into the instrument on a check setting point in order to avoid soiling the reverse side of checks.
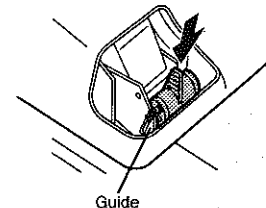
③ Remove the ink roll cap on the left front of the instrument as illustrated.
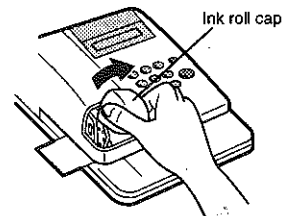
Ink roll cap

④ Remove the ink roll from the instrument. by pulling off to the upper direction.
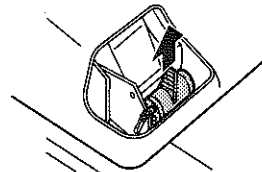
⑤ Insert a new ink roll as illustrated.

Guide

⑥ Replace the ink roll cap, and remove the scrap of paper.

MEMO

★ Please use only "MAX Ink roll R-50", available at your nearest MAX distributors or other stationery dealers.

8 TROUBLE SHOOTING

TROUBLE	SOLUTION
1. The check is not fed.	① Turn off and on the power switch. ② Confirm that "0" is displayed in the 1st digit, and press the ⓟ key. ※ After troubleshooting this phenomenon, the back of the check may be stained when printed. Point on not-needed paper once, to eliminate a stain.
2. Blinking "0" in all digits, the instrument does not work. CHECKS AMOUNT OVER FUNC 〔00000000000000〕	① Turn off and on the power switch. ② Confirm that "0" is displayed in the 1st digit, and press the ⓟ key.
3. "Error" is displayed in the accumulated amount mode or accumulated number of checks mode.	The accumulated amount of money issued or the accumulated number of checks issued is beyond the number of effective digits. ＊Effective Digit＊ The accumulated amount of money ⇒ 16 digits The accumulated number of checks ⇒ 4 digits Clear the memory by pressing the ⓒ key or turn off the power switch.

MEMO The memory of both accumulated amount of money and number of checks issued are cleared by turning off the power or from a power failure.

REQUEST If you cannot correct trouble with the above solution, request help from the representative who supplied the instrument.

9 SPECIFICATIONS

Name	MAX ELECTRONIC CHECK WRITER EC-70
Product Mark	EC-70
No. of Input Digits	Up to 14
No. of Print Characters	Up to 16 (14 Figures & 2 Currency Marks)
Inking	Inkroll Method "R-50"
Functions	Printing, Repeat Printing, Correction by Clear key Indicating and printing of the accumulated amount of money on the check issued Indicating the accumulated number of checks issued
Printing Depth	Up to 3 1/8 inch. (80mm)
Dimensions (W)×(L)×(H)	7 7/8" ×9 5/8" ×3 5/8" (180mm×245mm×91mm)
Weight	4.00 lbs 1.8 kg
Power consumption	27W (max.)
Power source	AC110V (60Hz) AC220V (50/60Hz) AC240V (50/60Hz)
Allowable Temperature	32°F to 104°F 0°C to 40°C
Allowable Humidity	Below 80%RH

" For pluggable equipment the socket outlet shall be installed near the equipment and shall be easily accessible".
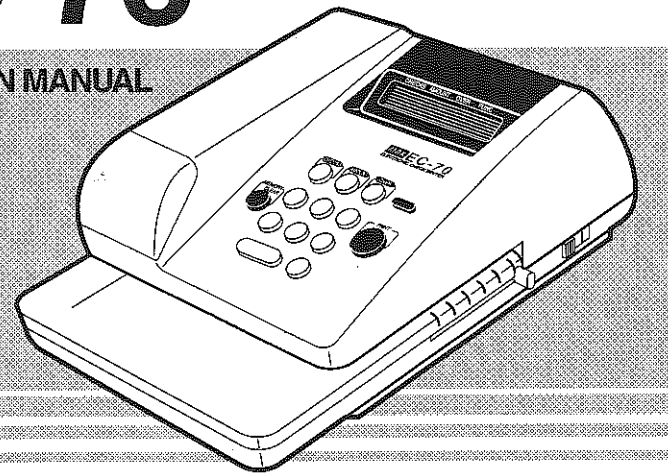
MAX

ELECTRONIC CHECK WRITER

MODEL

EC-70

OPERATION MANUAL

B

★ The Operation Manual should be kept readily available for reference when required.
★ The Operation Manual, "Caution/Warning" , should be read carefully before the Instrument is operated.