

CAUTION

- 1.The unit can be only indoor use. Do not install them outdoors or where they are exposed to rain or in a location near heat radiators or air dusts out let*moisure*rain*mechanical shock vibration.
- 2.Always plug the unit the correct source.
- 3.Should not any liquid or solid object fall into the unit.
- 4.Do not operate this unit with a damaged cord or plug of after the unit malfunction, or damaged in any manner.
- 5.Return the unit to authorized service facility for examination, repair or adjustment.
- 6.Unplug the unit and have it check be qualified personal before operate the unit any further.
- 7.For PLUGGABLE EQUIPMENT, that the socket-outlet shall be installed near the equipment and shall be easily accessible.

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems availagle.

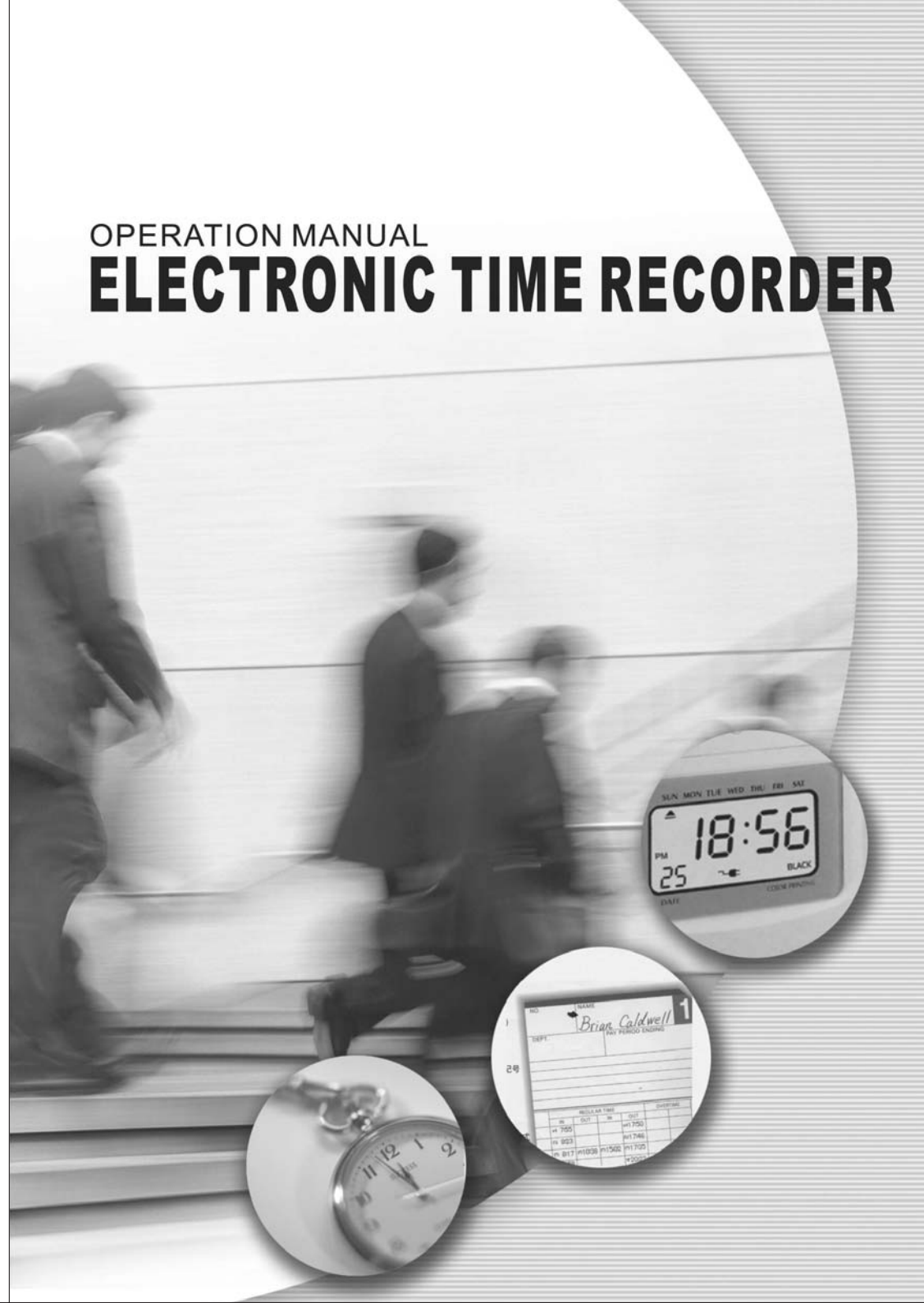
If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new one, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.



SPECIFICATION

POWER RATING	110-120V~ (or 220-240V~) (refer to the voltage indication on the label of each machine)
AMP	0.19Amp
DIMENSION	11cm x 18cm x 22cm (DxWxH)
WEIGHT	2.3Kgs
AMBIENT	0* - 40*
CONDITION	10-80% RH
STANDARD TIME CARD	86mmx189mm (WxL)

OPERATION MANUAL ELECTRONIC TIME RECORDER



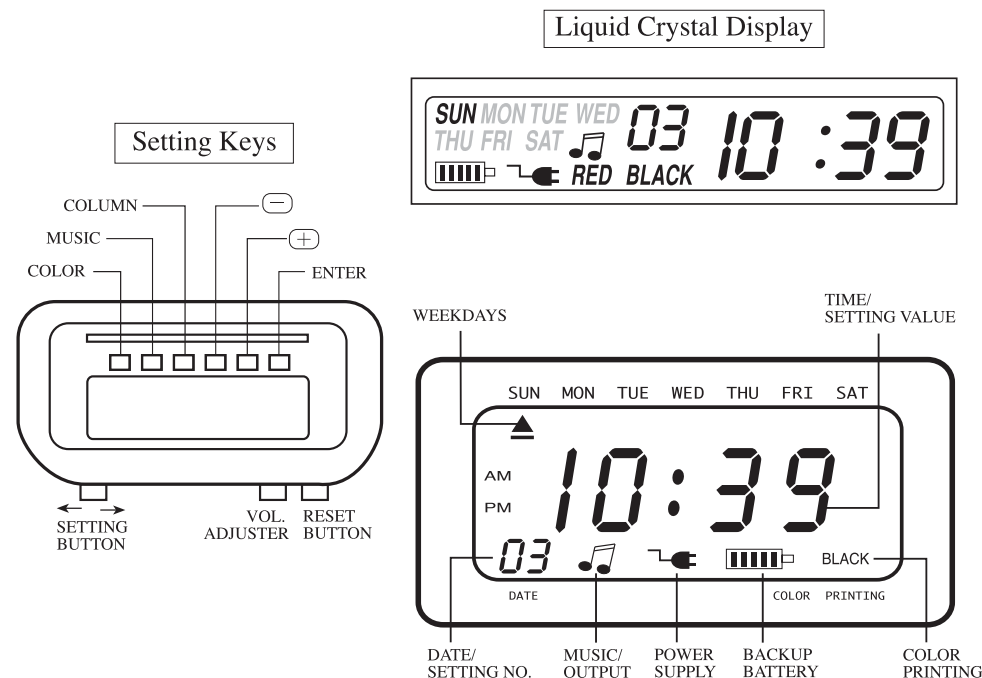
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INTRODUCTION

The time recorder is designed with compact size to achieve Hi-End technology as your expectation. It also provides superior performance and extent of our reliabilities. Before to operate this unit, please read this manual carefully and keep it for future maintenance or next setting in case of change.

NOMENCLATURE

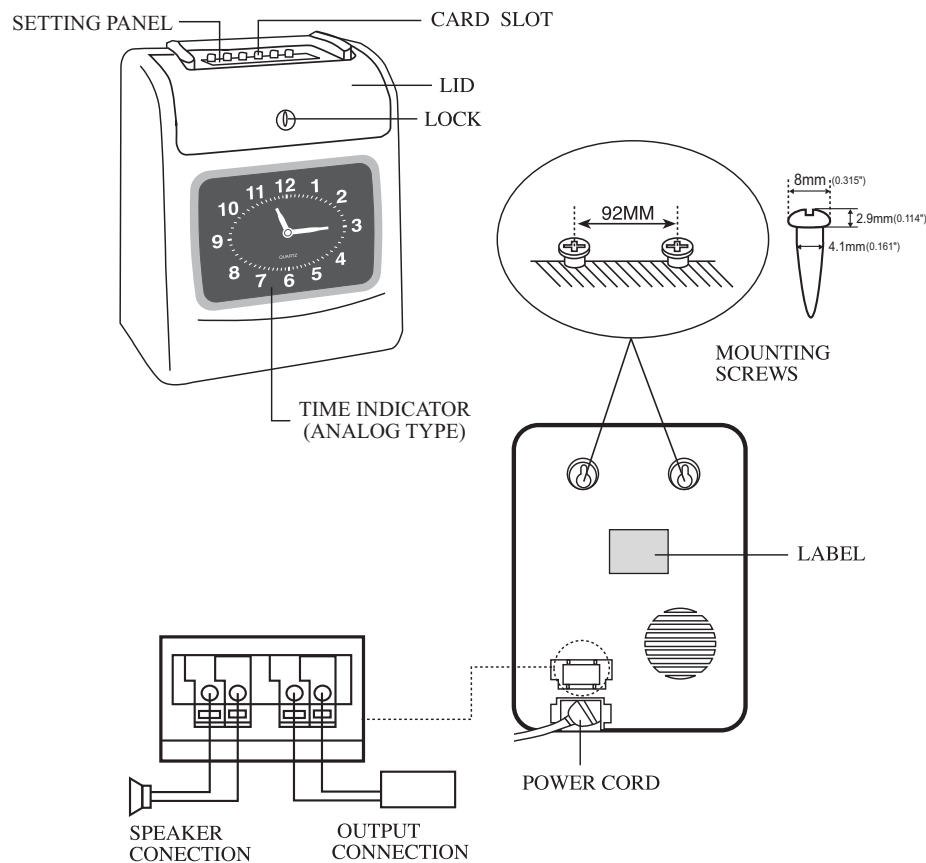


COMPONENTS

UT series time recorder operation manual keys



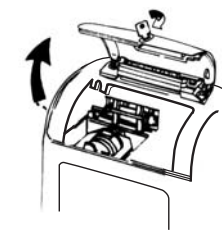
Name of parts



3. BEFORE OPERATION

3.1 Power SOURCE

Plug the unit to continuous and correct voltage of power source. (refer to voltage indication on the label of each machine)



3.2 OPENING THE LID

OPENING THE LID & CLOSING THE LID.

4. SETTING

Open the lid and move the setting button to the right to enter setting mode.

4.1 SETTING YEAR

- In the setting mode, press the \oplus \ominus button to choose setting number 01.
- Press the ENTER button to enter year setting.
- Press \oplus \ominus to select the correct year.
- Press ENTER button to confirm setting.
- The setting number now turns to 02.
- To continue next set of setting or slide the setting button to the left to complete and exit setting.

LCD ANALOG

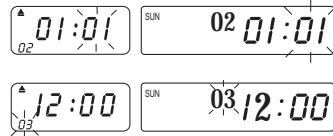


4.2 SETTING DATE

- In the setting mode, press the \oplus \ominus button to choose setting number 02.
- Press the ENTER button to enter date setting.
- Press \oplus \ominus to select the correct month.
- Press ENTER button to confirm setting.



5. Press $\oplus \ominus$ to select the correct date.
6. Press ENTER button to confirm setting.
7. The setting number now turns to 03.
8. To continue next set of setting or slide the setting button to the left to complete and exit setting.



4.3 SETTING TIME

1. In the setting mode, press the $\oplus \ominus$ button to choose setting number 03.
2. Press the ENTER button to enter time setting.
3. Press $\oplus \ominus$ to select the correct hour.
4. Press ENTER button to confirm setting.
5. Press $\oplus \ominus$ to select the correct minute.
6. Press ENTER button to confirm setting.
7. Press \ominus button to zero the second.
8. Press ENTER button to confirm setting.
9. The setting number now turns to 04.
10. To continue next set of setting or close the setting button to the left to complete and exit setting.



4.4 SETTING DAY LINE CHANGE TIME

1. In the setting mode, press the $\oplus \ominus$ button to choice setting number 04.
2. Press the ENTER button to enter setting.
3. Press $\oplus \ominus$ to select the desired Day Line Change hour. (origin setting 00:00)
4. Press ENTER button to confirm setting.
5. Press $\oplus \ominus$ to select the desired Day Line Change miunte.
6. Press ENTER button to confirm setting.
7. The setting number now turns to 05.
8. To continue next set of setting or close the lid to complete and exit setting.



4.5 SETTING CARD FORMAT

1. In the setting mode, press the $\oplus \ominus$ button to choose setting number 05.
2. Press the ENTER button to enter setting.
3. Press $\oplus \ominus$ to select the desired time card format.
00-the 1st row blank (standard time card)
01-the 16th row blank.
4. Press ENTER button to confirm setting.
5. The setting number now turns to 06.
6. To continue next set of setting or close the lid to complete and exit setting.



4.6 SETTING TIME CARD & PAY PERIOD

1. In the setting mode, press the $\oplus \ominus$ button to choose setting number 06 on left of display.
2. Press the ENTER button to enter setting.
3. Press $\oplus \ominus$ button to select 00/01/02 for time card type.
*00-the monthly pay of time card.
*01-the weekly pay of time card.
*02-the Bi-weekly pay of time card.
*Please choose the one of card type which is applied to the user, and make a proper setting to the card type number corresponding to each sample card below.
A. If 01/02 has been chosen, the display will turn to weekdays setting.
B. Press $\oplus \ominus$ button to select one of weekdays for pay period ending day.



C. For weekly card there are three types of time card for setting 00/01/02. (Please refer fig.1)

D. To choose the printing for day of the week 00/01/02(00:Date, 01:Day number, 02: Language. (Please refer ref.1)

E. For bi-weekly card the current week first (01)/second(02)for setting.

4. Press ENTER button to confirm setting.

5. The setting number now turns to 07.

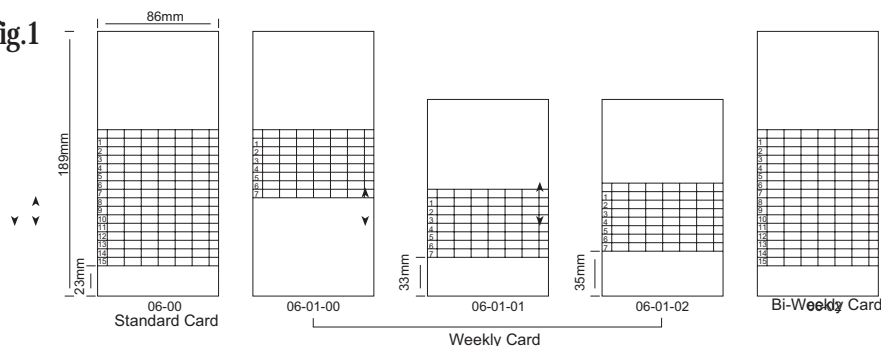
6. To continue next set of setting or close the lid to complete and exit setting.

ref.1

	Print Language Options
1.	ENGLISH
2.	SPANISH
3.	GERMAN
4.	FRENCH
5.	ITALIAN
6.	PORTUGUESE



fig.1



4.7 SETTING HOURS MODE

1. In the setting mode, press the (+) (-) button to choose setting number 07.



2. Press the ENTER button to enter hours mode setting.

3. Press (+) (-) to select the desired hours mode.



*12-12 hours mode (EX.PM 1:00= 13:00)

*24-24 hours mode

4. Press ENTER button to confirm setting.

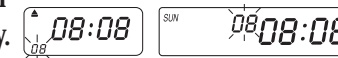
5. The setting number now turns to 08



6. To continue next set of setting or close the lid to complete and exit setting.

4.8 SETTING PRINTING POSITION

1. In the setting mode, press the (+) (-) button to choose setting number 08 on left of display.



2. Press the ENTER button to enter setting.

3. Press (+) (-) to select the desired vertical printing position setting.



*The number between 00-15, the number building up the printing position will move to upper of row.

4. Press ENTER button to confirm setting.

5. Press (+) (-) to select the desired horizontal printing position setting.



*The number between 00-30, the number building up the printing position will move to the right of column.

6. Press ENTER button to confirm setting.

7. The setting number now turns to 09



8. To continue next set of setting or close the lid to complete and exit setting.

4.9 SETTING DAYLIGHT SAVING TIME

1. In the setting mode, press the (+) (-) button to choose setting number 09.



2. Press the ENTER button to enter setting.

3. Press (+) (-) to select the current year.



4. Press ENTER button to confirm setting.

5. Press (+) (-) to select beginning month for Day Light Saving time.



6. Press ENTER button to confirm setting.

7. Press (+) (-) to select the beginning date for Day Light Saving time.



8. Press ENTER button to confirm setting.

9. Press \oplus \ominus to select the beginning hours for Day Light Saving time.



10. Press ENTER button to confirm setting.

11. Press \oplus \ominus to select the ending date for Day Light Saving time.



12. Press ENTER button to confirm setting.

13. The setting number now turns to 10.



14. To continue next set of setting or close the lid to complete and exit setting.



PS. At the time of Day Light Saving (AM 2:00) that will be automatically advancing one hour and at ending time will go back to origin time. Once set, the unit automatically updates the settings every year thereafter. No further manual setting is necessary. To malfunction this setting by setting month with 00.

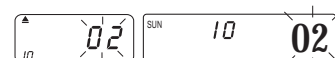
4.10 SETTING PRINTING FORMAT

1. In the setting mode, press the \oplus \ominus button to choose setting number 10 on left of display.



2. Press ENTER button to enter setting.

3. Press \oplus \ominus to select the desired printing mode.



*00-24 hours printing mode (1/60 hour)

*01-centennial printing mode (1/100 hour)

*02-12 hours printing mode

Ex. 01:00 (= PM13:00)

4. Press ENTER button to confirm setting.

5. The setting number now turns to 11



6. To continue next set of setting or close the lid to complete and exit setting.

4.11 SETTING FUNCTION FOR AUTO - DETECTING TIME CARD

1. In the setting mode, press the \oplus \ominus button to choose setting number 11 on left of display.



2. Press to ENTER button to enter setting.

3. Press \oplus \ominus to select the 00/01

*00-With function for auto-detecting time card.

*01-Without function for auto-detecting time card.



4. Press ENTER button to confirm setting.

5. To select COLOR/MUSIC/COLUMN button to function setting.



6. To select COLOR / MUSIC / COLUMN button to function setting.

PS. If you are using time card without small hole on the bottom, please set the function to "01".

5. SETTING FOR PRINTING COLOR

1. In the setting mode, press COLOR button to enter printing color setting.



2. Press ENTER to hours setting.

3. Press \oplus \ominus to select hours for color change.



4. Press ENTER button to confirm setting.

5. Press \oplus \ominus to select desired minute for color change.



6. Press ENTER button to confirm setting.

7. Press \oplus \ominus to select 01/02 for color print.

*01-for black color print

*02-for red color print



8. Press ENTER button to confirm setting.

9. Now display turns to weekdays setting.

PS. If weekdays are not necessary to be set, press ENTER button to skip step 10-13.



10. Press \oplus \ominus to select weekdays, if the weekday is chosen the sign will be flashing on the top of display.
11. Press COLOR button once to delete selected weekday for color print. (press COLOR button again to show the sign)
12. Press \oplus \ominus to move weekdays sign, and COLOR button to register weekdays for color print.
13. After completing weekdays setting, press ENTER button to confirm setting.
14. Now the setting number turns to 02, repeat step 2-13 to continue next set of setting or close the lid to complete and exit setting.



6. SETTING MUSIC / OUTPUT

1. In the setting mode, press MUSIC button to enter music/output setting.
2. Press ENTER to hours setting.
3. Press \oplus \ominus to select desired hours for music/output.
4. Press ENTER button to confirm setting.
5. Press \oplus \ominus to select desired minute for music/output.
6. Press ENTER button to confirm setting.
7. Press \oplus \ominus to select 01/02 or 03 for music/output setting.
 - *01-internal music bell
 - *02-external bell alarm output
 - *03-music bell & external bell alarm output.
8. Press ENTER button to confirm setting.
9. Press \oplus \ominus to select duration for signal output.
 - *Origin setting-00:22(22 seconds)
 - *Maximum duration-59 min. 59 sec.



10. Press ENTER button to confirm setting.
11. Now display turns to weekdays setting.
 - PS. If weekdays are not necessary to be set, press ENTER button to skip step 12-15.
12. Press \oplus \ominus to select weekdays, if the weekday is chosen the sign will be flashing on the top of display.
13. Press MUSIC button once to delete selected weekday for music/output. (press MUSIC button again to show sign)
14. Press \oplus \ominus to move weekday sign, and MUSIC button to register weekdays for music / output.
15. After completing weekdays setting, press ENTER button to confirm setting.
16. Now the setting number turns to 02, repeat step 2-16 continue next set of setting or slide setting button to the left to complete and exit setting.



7. SETTING COLUMN FOR PRINTING POSITION

1. In the setting mode, press COLUMN button to enter column setting.
2. Press ENTER to hours setting.
3. Press \oplus \ominus to select desired hours for column print.
4. Press ENTER button to confirm setting.
5. Press \oplus \ominus to select desired minute for column print.
6. Press ENTER button to confirm setting.
7. Press \oplus \ominus to select column 01-06 for print.
8. Press ENTER button to confirm setting.
9. Now display turns to weekdays setting.
 - PS. If weekdays are not necessary to be set, press ENTER button to skip step 10-13.



10. Press \oplus \ominus to select weekdays, if the weekday is chosen the sign will be flashing on the top of display.
11. Press COLUMN button once to delete selected weekday for column print. (press COLUMN button again to show the sign)
12. Press \oplus \ominus to move sign, and COLUMN button to register weekdays for column print.
13. After completing weekdays setting, press ENTER button to confirm setting.
14. Now the setting number turns to 02, repeat step 2-13 to continue next set of setting or close the lid to complete and exit setting.

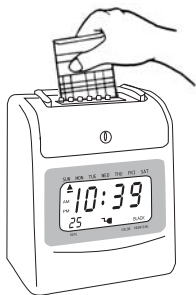


How to delete a setting ?

Press \oplus \ominus button to select the setting number on the left of display, then press \oplus and ENTER button simultaneously for 3 seconds to delete that set of setting.

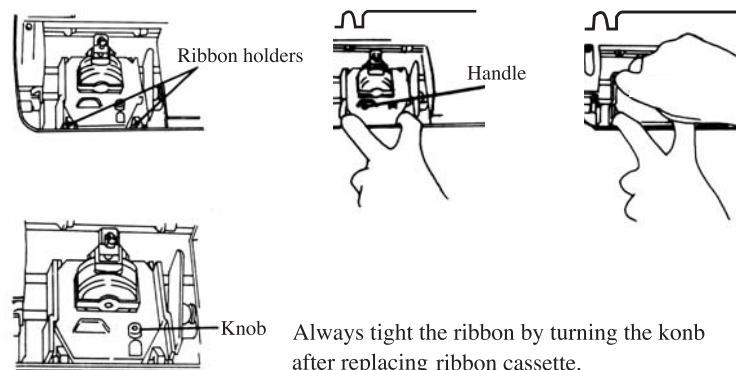
8.INSERT A TIME CARD

1. Insert a time card with correct side into card slot carefully. (If you insert a wrong side of time card it will be rejecting from this unit without being printed, and displaying error code on display)
2. Time card will be automatic fed and printed on the column of position that correspond to one lit button on the top. After print, time card will pull out from card slot automatically.



9.MAINTENANCE

9.1 Relpacing Ribbon Cassette



Always tight the ribbon by turning the knob after replacing ribbon cassette.

9.2 Lithium Battery

The time recorder build-in a lithium battery on PC board to keep the correct time and programming for 3 years of simulate power failure hours. Always plug the unit to the correct outlet or replacing the battery after is malfunction.

CAUTION

Donger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

10.DIAGNOSIS OF ERROR CODE

01	Insert wrong side of time card.
02	Motor for card inserting.
03	Motor for printer head.
04	Key button.