

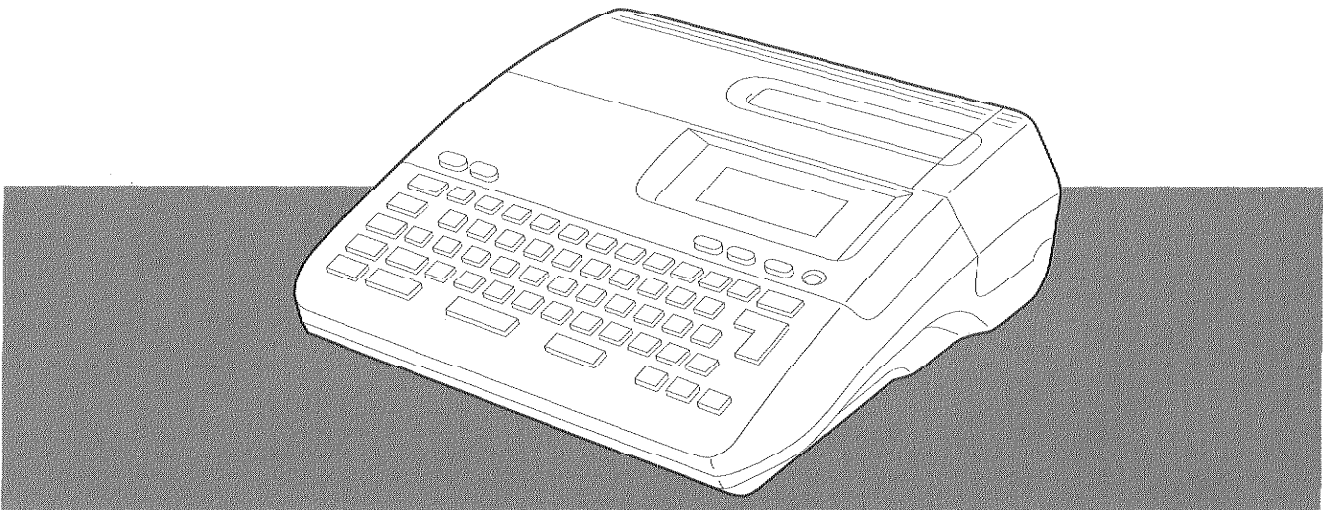


SC-300PC

with **PC** Advantage

*Instantly creates custom, pre-inked stamps
alone or with your computer!*

USER'S GUIDE



Please read this manual thoroughly before using this product.
Keep this manual in a convenient place for quick and easy reference at all times.

Federal Communications Commission Compliance Notice (For USA only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The enclosed interface cable should be used in order to ensure compliance with the limits for a Class B digital device.

Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

About the AC Mains Adapter

Use only the enclosed adapter designed exclusively for this machine.

Copyright and Trademark Notice

Brother is a registered trademark of Brother Industries, Ltd.

P-Touch is a registered trademark of Brother International Corporation.

STAMPCREATOR is a trademark of Brother International Corporation.

All other brand and product names mentioned in this user's guide are registered trademarks or trademarks of their respective companies.

Compilation and Publication

Under the supervision of Brother Industries Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

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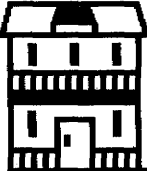
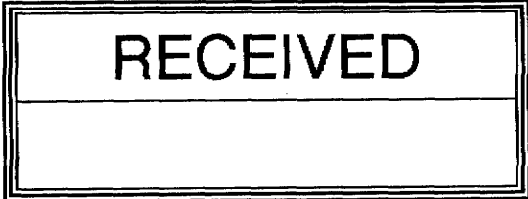
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Auto Format Samples

You can easily make stamps using pre-set layout templates. Find the desired template among the following auto format samples. They are sorted by sizes, which appears on the display. For more information, see "AUTO FORMATS Key" in Chapter 4.

Size 40

<p>No. 1</p> <p>Total Security Corp. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567</p>	<p>No. 2</p> <p>Total Security Corp. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111</p>		
<p>No. 3</p> <p>Total Security Corp. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111</p>	<p>No. 4</p> <p>Total Security Corp. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111</p>		
<p>No. 5</p> <table border="1" data-bbox="293 1398 813 1598"><tr><td>Total Security Corp.</td></tr><tr><td>127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111</td></tr></table>	Total Security Corp.	127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111	<p>No. 6</p> <p>Total Security Corp. 127 Mountain Avenue, Anycity, NJ 08875</p>
Total Security Corp.			
127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111			

<p>No. 7</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="text-align: center; padding: 5px;">Total Security Corp.</td> </tr> <tr> <td style="text-align: center; padding: 5px;">127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567</td> </tr> </table>	Total Security Corp.	127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567	<p>No. 8</p> <div style="text-align: center; margin-top: 20px;">  </div>											
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127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567														
<p>No. 9</p> <div style="display: flex; align-items: center; margin-top: 10px;">  <div> <p>Total Security Corp.</p> <p>127 Mountain Avenue, Anycity, NJ 08875 ☎ 908 123 4567</p> </div> </div>	<p>No. 10</p> <div style="text-align: center; margin-top: 10px;"> <p>Larry Sampson</p> <hr/> <p>Total Security Corp. Sales & Marketing</p> <p>127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111</p> </div>													
<p>No. 11</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="2" style="text-align: center; padding: 5px;">CIRCULATION</th> </tr> <tr> <td style="width: 30px; text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">PRESIDENT</td> </tr> <tr> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">SENIOR DIRECTOR</td> </tr> <tr> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">DIRECTOR</td> </tr> <tr> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">MANAGER</td> </tr> <tr> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">ASSISTANT MANAGER</td> </tr> </table>	CIRCULATION		<input type="checkbox"/>	PRESIDENT	<input type="checkbox"/>	SENIOR DIRECTOR	<input type="checkbox"/>	DIRECTOR	<input type="checkbox"/>	MANAGER	<input type="checkbox"/>	ASSISTANT MANAGER	<p>No. 12</p> <div style="text-align: center; margin-top: 10px;">  </div>	
CIRCULATION														
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<input type="checkbox"/>	ASSISTANT MANAGER													
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ORDER	ADVICE	PRICE												
PROJECT No.													
CONTRACTOR													
<p>No. 15</p> <p style="margin-top: 10px;">Under the supervision of Total Security Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications. The contents of this manual and the specifications of this product are subject to change without notice.</p>														

Size 35

<p>No. 1</p> <p>Total Security Corp. 127 Mountain Avenue, Anycity, NJ 08875 tel; 908 123 4567</p>	<p>No. 2</p> <p>TOTAL SECURITY CORP. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567</p>					
<p>No. 3</p> <p><u>Total Security Corp.</u> 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567</p>	<p>No. 4</p> <p><u>LARRY SAMPSON</u> TOTAL SECURITY CORP. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567</p>					
<p>No. 5</p> <p>TOTAL SECURITY CORP. 127 Mountain Avenue, Anycity, NJ 08875 TEL: 908 123 4567 FAX: 908 000 1111</p>	<p>No. 6</p> <p>TOTAL SECURITY CORP. 127 Mountain Avenue, Anycity, NJ 08876</p>					
<p>No. 7</p> <table border="1" data-bbox="363 1396 738 1528"><tr><td>SHIPPED</td></tr><tr><td>DATE:</td></tr><tr><td>BY:</td></tr></table>	SHIPPED	DATE:	BY:	<p>No. 8</p> <table border="1" data-bbox="938 1388 1313 1524"><tr><td>PAID</td></tr><tr><td> </td></tr></table>	PAID	
SHIPPED						
DATE:						
BY:						
PAID						

<p>No. 9</p> <p>Total Security Corp. Larry Sampson Director of Sales ☎ 908 123 4567</p>	<p>No. 10</p> <p>FINAL NOTICE</p> <p>Please accept this <i>extended opportunity</i> of paying the amount of this account. If payment is not made within 14 days legal procedure will be taken!</p>
<p>No. 11</p> <p>Please send payment immediately. If payment has already been made, then disregard this notice.</p>	

Size 30

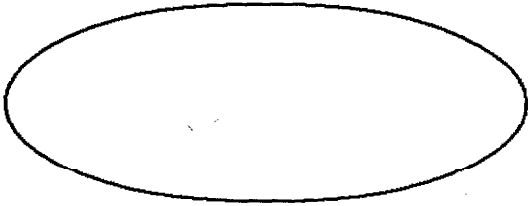
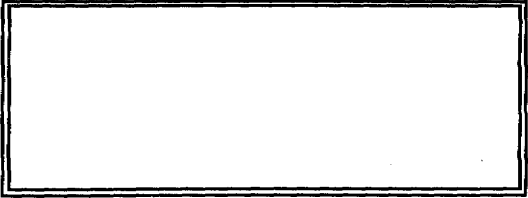
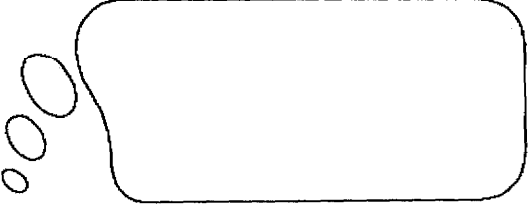
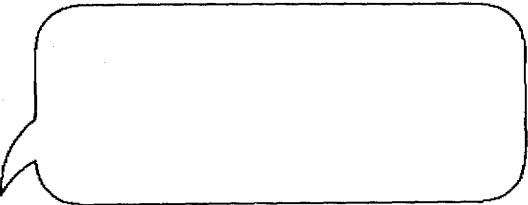
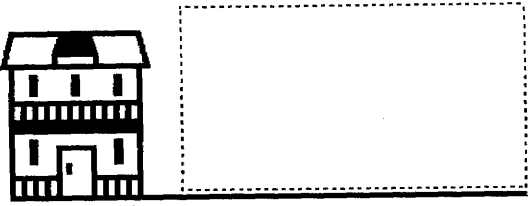
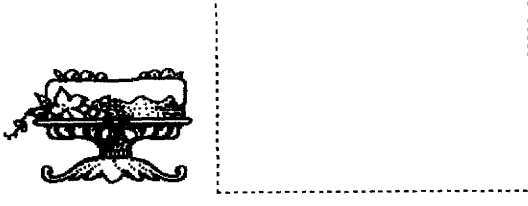

<p>No. 1</p> <p>EXPOSED FILM DO NOT BEND</p>	<p>No. 2</p> <p>CONFIDENTIAL</p>
<p>No. 3</p> <p>C O N F I D E N T I A L</p>	

Size 10

<p>No. 1</p> <p>L. & B. SAMPSON 127 MOUNTAIN AVENUE, ANYCITY, NJ 08875</p>	<p>No. 2</p> <p>L. & B. SAMPSON Vice President Total Security Corp.</p>
<p>No. 3</p> <p>CAR: 234 5678 PAGER: 111 2222</p>	<p>No. 4</p> <p>E-mail: Lsampson@totals.com. http://www.totals.com</p>
<p>No. 5</p> <p>FAXED</p>	

Ornamental Frame Samples

You can easily draw an ornamental border around a size 35 or 40 stamp frame. For size 10 and 30, you can only add a regular box frame. Find the desired frame among the following ornament frame samples. For more information about ornamental frames, see "LINE DRAWING Key" in Chapter 4.

<p>Circle</p> 	<p>Double</p> 
<p>Thinking</p> 	<p>Saying</p> 
<p>House*</p> 	<p>Cake*</p> 
<p>Waiter*</p> 	

*: The dotted line only indicates the text area.

Auto Format Samples in P-touch Editor

You can easily make stamps using the P-touch editor. Some samples are shown on the following pages. The auto format samples are subject to change depending upon the version of the P-touch editor. For more information, refer to the User's Guide of the P-touch editor.

Address Stamps

Size 40

 <p>COMPUTER STORE 123 North Avenue, Anytown, N.J. 01234 TEL:[908]555-2222 FAX:[908]555-1111</p>	 <p>T&D Trading Co. George Smith Manager Sales & Marketing Div. 123 North Avenue, Anytown, N.J. 01234 Tel: 908-555-2222 Fax: 908-555-1111</p>
 <p>Smith & Co. TOMAS WEBSTER Planning Div. 123 North Avenue, Anytown, N.J. 01234 Tel:908-555-2222 Fax:908-555-1111</p>	 <p>Diana White 123 North Avenue, Anytown, N.J. 01234 Tel:908-555-2222 Fax:908-555-2222</p>
 <p>WAIKIKI SPORTS CLUB 123 North Avenue, Anytown, N.J. 01234 TEL:[908]555-2222 FAX:[908]555-1111</p>	

Size 35



KENNY CLOTHES

123 North Avenue
Anytown, N.J. 01234
TEL :908-555-2222
FAX :908-555-1111



Beauty Saloon MASON

123 North Avenue
Anytown, N.J. 45236
Tel :908-555-2222
Fax:908-555-1111




EDDIE and Co.




123 North Avenue
Anytown, N.J. 01234
Tel :908-555-2222
Fax :908-555-1111

Business and Others



Size 40

<p>MEETING INFORMATION</p> <p>DATE . . . TIME :</p> <p>TO FROM</p>	<p>MESSAGE</p> 
<p>CHECKED</p> <p>DATE . . .</p> <p>SIGNATURE</p>	<p>RECEIVED</p> <p>DATE:</p>
<p>BIG SAVING</p> <p>\$ → \$</p>	<p>\$</p> <p>◆◆ PRICE ◆◆</p>

Size 35

 A black rectangular label with the word "CONFIDENTIAL" in white, uppercase, sans-serif font.	 The word "VOID" in a large, dotted, uppercase font, where each letter is formed by a grid of small dots.
 The word "FRAGILE" in a bold, italicized, uppercase font, with a stylized glass or bottle icon above the letters.	

Size 30

 The word "URGENT" in a bold, italicized, uppercase font with a hatched or striped texture.	 The word "PAID" in a bold, uppercase font, followed by "DATE:" and a rectangular box for a date entry.
--	---

About This Manual

This manual will act as your guide to the setup and operation of your SC-300PC and will cover the following topics:

Auto Format Samples are all stamp formats available with the AUTO FORMATS feature.

Auto Format Samples in P-touch Editor are some samples available when you install the provided software in your PC and connect SC-300PC to your PC with the cable provided.

Quick Reference provides a quick, simple guide to setting up and using the machine.

Chapter 1 Introduction provides an overview of the SC-300PC. Read this chapter first to get familiar with the equipment.

Chapter 2 Before You Start gives you general information about the setup and preparation of the SC-300PC. Be sure to read this chapter before you use the SC300PC.

Chapter 3 Learning the Ropes is a tutorial section which leads you through easy-to-follow practice sessions designed to help you become familiar with the machine's operations.

Chapter 4 For Your Information is a handy reference section which explains details of all the machine's features.

Chapter 5 Advanced Function describes the features that will help you when you wish to make more complicated stamp images.

Chapter 6 Troubleshooting helps you troubleshoot problems.

Appendix contains technical information on the SC-300PC.

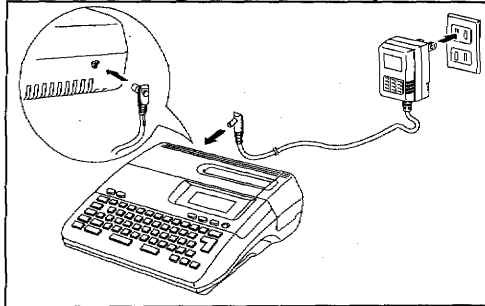
Index provides an alphabetical list of the contents of this manual.

•❖ **Note**

This User's Guide contains general instructions or steps to teach you various operations with the default settings. If you change the settings, the display messages will change accordingly.

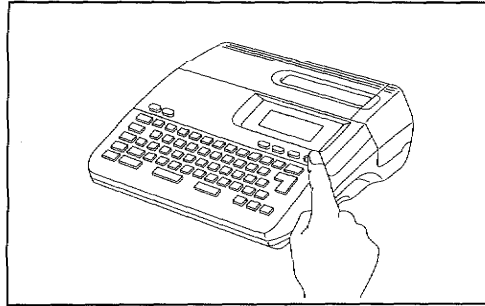
Quick Reference

Connecting the AC Adapter



Insert the AC adapter into the adapter jack on the machine.

Turn on the machine.



Making a simple stamp with the Auto Format function



1. Press the FRAME SIZE button.

```
SET FRAME SIZE  
40:35:30:10 →
```

2. Select Size 40, and press the Return(↵) key.

```
SIZE:40  
1:↵
```

3. Press AUTO FORMATS key.

```
SELECT  
PRE-SET:MEMORY
```

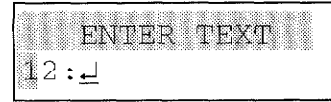
4. Press the Return Key.

```
SELECT LAYOUT  
SIZE:40 1
```

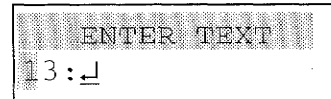
5. Choose No. 4 scrolling the Up(▲) & Down(▼) cursors, and press Return(↵).

```
ENTER TEXT  
1:↵
```

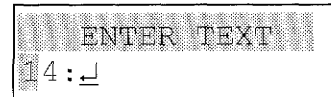
6. Type "Total Security Corp." And then press Return(↵).



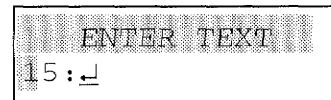
7. Type "127 Mountain Avenue" and then press Return(↵).



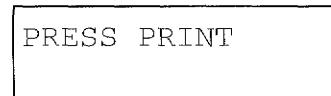
8. Type "Anycity, NJ 01234" and press Return(↵).



9. Type "TEL: (908) 555 2222" and then press Return(↵).

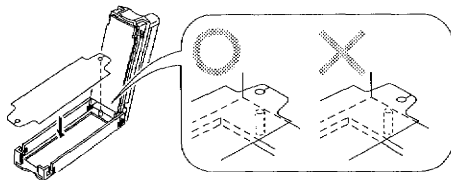


10.Type "FAX: (908) 555 1111" and then press Return(↵).

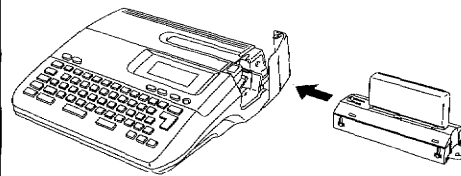


Make sure of the image with a trial printing

1. Insert trial sheet in the trial print holder.

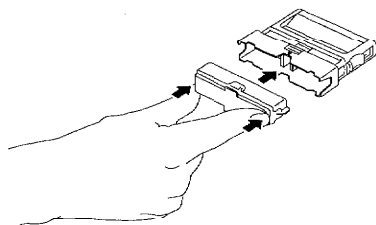


2. Insert the holder into the machine and press the PRINT.



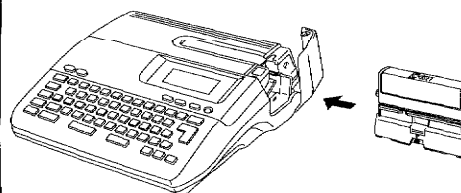
Prepare the stamp

3. Place the message pad in the holder. (You will need a size 40 stamp.)



Carve the stamp

4. Insert the holder into the machine, close the side cover and press Return(↵).



Chapter 1 Introduction

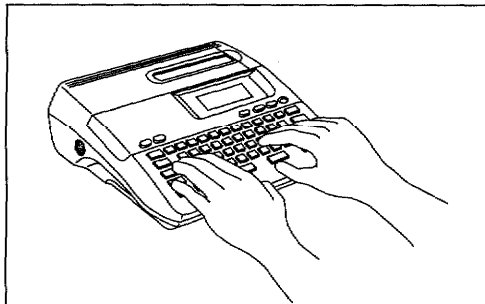
About the SC-300PC

Congratulations, you have purchased the stampcreator SC-300PC! This is a great machine to make stamps by yourself whenever you need a stamp. You can speed this up by using the Templates (Auto Formats), or customize it as you like. As this stampcreator's stamps are of the pre-inked type, you won't need a messy ink pad any more!

It is amazing. If you connect SC-300PC with your PC, it will have a greater capability of allowing you to make any stamp image you want.

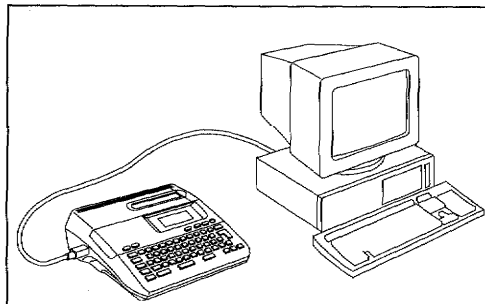
You Can Use SC-300PC

Without PC



- **34 Auto Formats**
- **Custom Formatting with Keyboard Operations**

With PC



- **Over 100 Templates (Stamp Auto Format)**
- **More Customizing Capability**

You can prepare and format text using the editor software on your computer. For connecting the SC-300PC to your computer, see "I/F Key for Connecting with Your Computer" in Chapter 4 or the user's guide of the software.

Features

This SC-300PC is an electronic stampcreator that has the following main features. When you need more information on how to use a particular feature, turn to the chapter indicated at the end of each paragraph.

Trial Printer Cassette and Trial Print Sheet

You can check stamp layout in advance by using the trial printer cassette and trial print sheets before carving a stamp. See "Getting Ready for Printing and Carving" in Chapter 2.

Stamps and Stamp ID Labels

Four sizes of stamps are available to fit your needs: see "Options and Supplies" in Chapter 1. Print stamp ID labels first and put them on the stamps as identification seals. See "Getting Ready for Printing and Carving" in Chapter 2.

Editor Software on your Computer

You can prepare and format text using the editor software on your computer. For connecting the SC-300PC to your computer, see "Connecting the SC-300PC to Your Computer" in Chapter 2. For using the editor software, see "I/F Key for Connecting with Your Computer" in Chapter 4 and also the User's Guide of the software.

Operation with the Keyboard and Display

You can type text with the standard keyboard and check it on the display as you type. All operations will appear on the display. See Chapter 3 and "Display (LCD)" in Chapter 4.

Auto Formats and Preview

The SC-300PC is easy to use. You can make stamps choosing a template from the auto formats to customize your own stamps. The image feature helps you to preview the layout without printing. See "AUTO FORMATS Key" and "IMAGE Key for Previewing the Layout Image" in Chapter 4.

Formatting

This SC-300PC has various formatting features. You can type using Helsinki, Brussels, and Istanbul fonts, changing their size, style, and alignment. You can also change the frame size and orientation of your stamp, draw lines, and arrange text in blocks. See Chapter 4.

Memory

When you want to use the same message for different stamps, you can store text in memory and recall it for later use. See “MEMORY Key for Organizing Your Files” in Chapter 4.

General Overview

SC-300PC

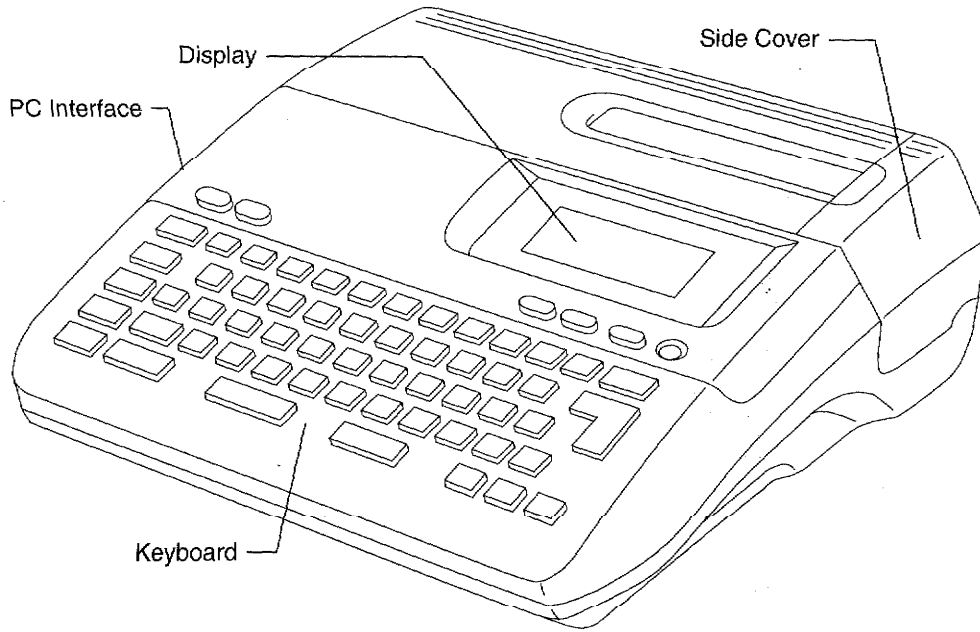


Fig. 1-1 Front View

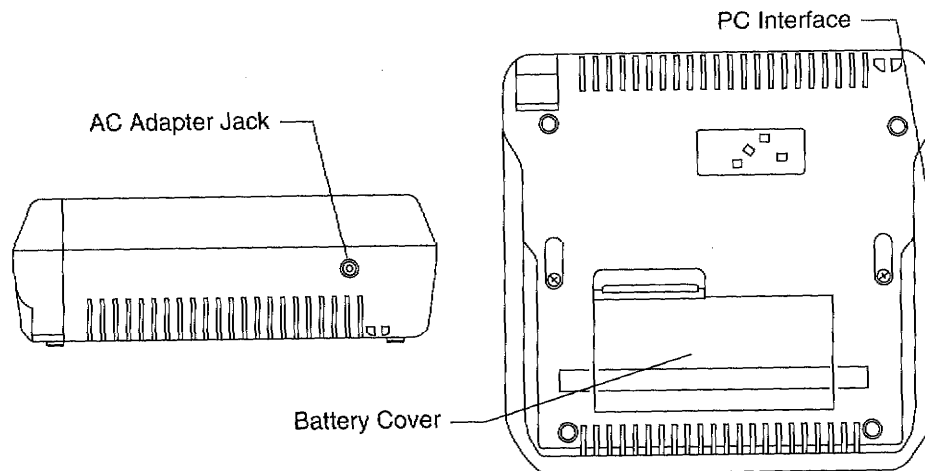


Fig. 1-2 Rear and Back Views

Trial Printer Cassette and Trial Print Sheet

Use the trial printer cassette and trial print sheets before making stamps. By doing so, you can check the layout in advance.

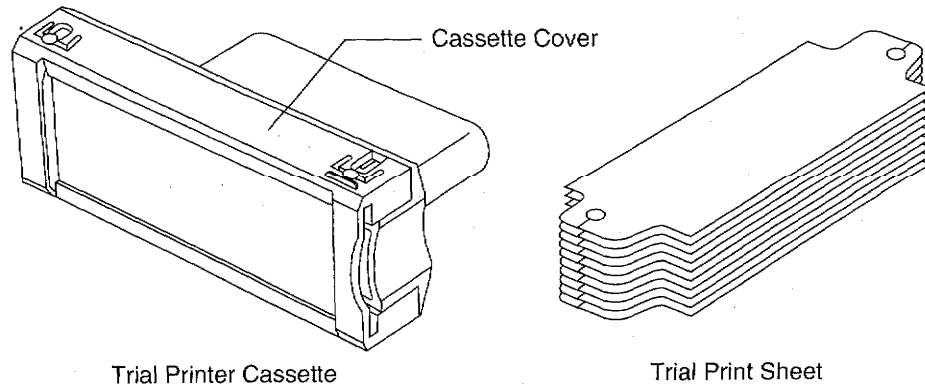


Fig. 1-5 Trial Printer Cassette and Trial Print Sheet

Stamp and Stamp ID Label

Print stamp ID labels first and put them on the stamps as identification seals.

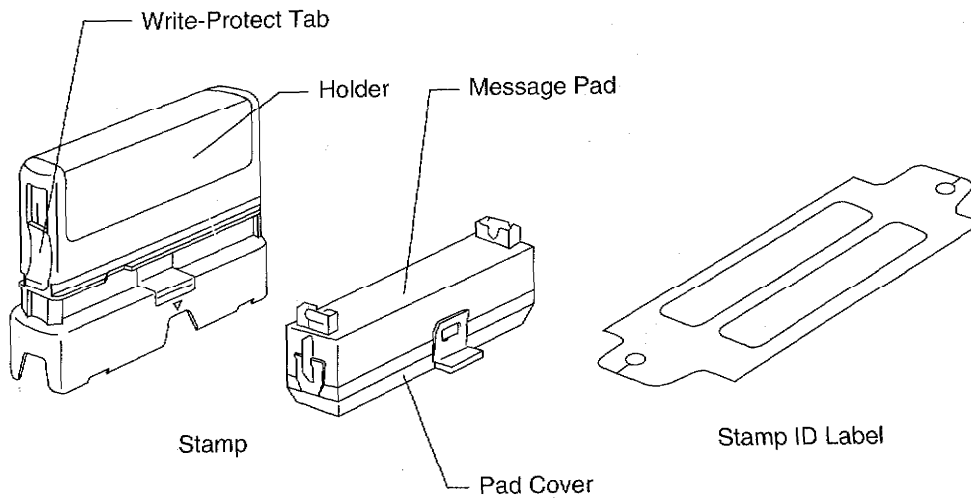


Fig. 1-6 Stamp and Stamp ID Labels

Options and Supplies

The following options and supplies are available for this SC-300PC:

Stamps

You can make custom stamps and use each one approximately 2,000 times. The following types of stamps are available:

Stock no.	Nominal size	Effective stamp area W x H	Ink Color
PS-S10B	10	1-1/4 x 3/8 in. (30 x 9 mm)	Black
PS-S10R	10	1-1/4 x 3/8 in. (30 x 9 mm)	Red
PS-S30B	30	2-3/4 x 3/8 in. (70 x 9 mm)	Black
PS-S30R	30	2-3/4 x 3/8 in. (70 x 9 mm)	Red
PS-S35B	35	2 x 3/4 in. (50 x 18 mm)	Black
PS-S35R	35	2 x 3/4 in. (50 x 18 mm)	Red
PS-S40B	40	2-3/4 x 1-1/8 in. (70 x 27 mm)	Black
PS-S40R	40	2-3/4 x 1-1/8 in. (70 x 27 mm)	Red

One stamp ID label sheet comes with a size 10 or 30 stamp and two stamp ID label sheets with a size 35 or 40 stamp. Use the labels to identify your stamps. Two ID labels are on the size 10 and 30 label sheets and one ID label is on the label sheet included with a size 35 or 40 stamp.

The maximum number of lines or steps is subject to formats such as frame size and font size. For more information about lines, see "FRAME SIZE Key for selecting a Stamp Size" in Chapter 4.

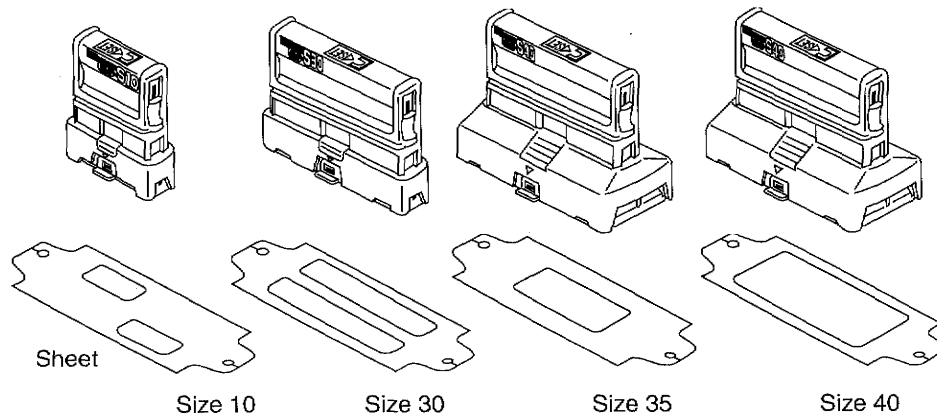


Fig. 1-7 Size 10, 30, 35 & 40 Stamps and Stamp ID Labels

User's Guide

Chapter 2 Before You Start

Checking the Carton Contents

When unpacking the SC-300PC, check to see that you have all of the following parts:

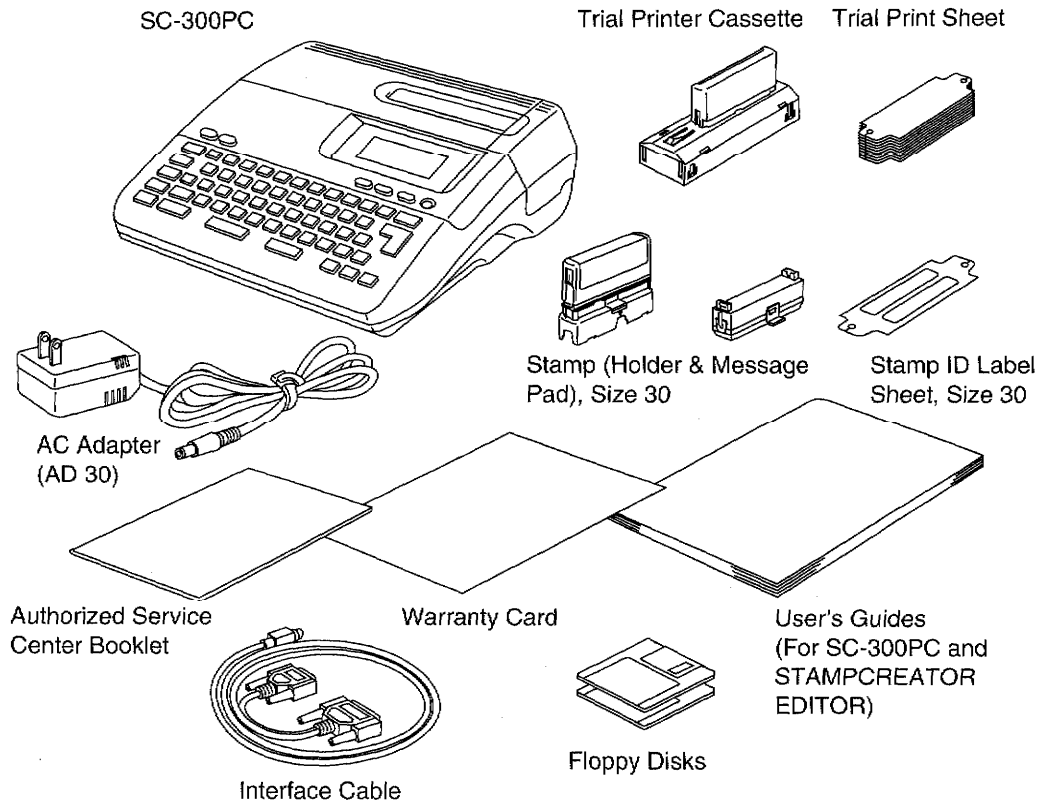


Fig. 2-1 Contents in the Carton

◆ Notes

- The supplied stamp is size 30 and the default frame size is 40. When you use the size 30 stamp, change the frame size to 30 with the FRAME SIZE key. (See Chapter 4.)
- It is recommended that you keep all packing materials for transporting or storing the SC-300PC.
- Illustrations might be different from the actual parts packed.

Taking Precautions

Please take the following precautions before using the SC-300PC.

General Use

- Do not disassemble the SC-300PC, trial printer cassette, or stamps.
- Do not push or rap the display of the SC-300PC.
- Do not put any foreign objects onto or into the SC-300PC.
- Clean the exterior of the SC-300PC, trial printer cassette, and stamp holder with a soft, dry cloth. Do not use alcohol or other cleaning solutions.

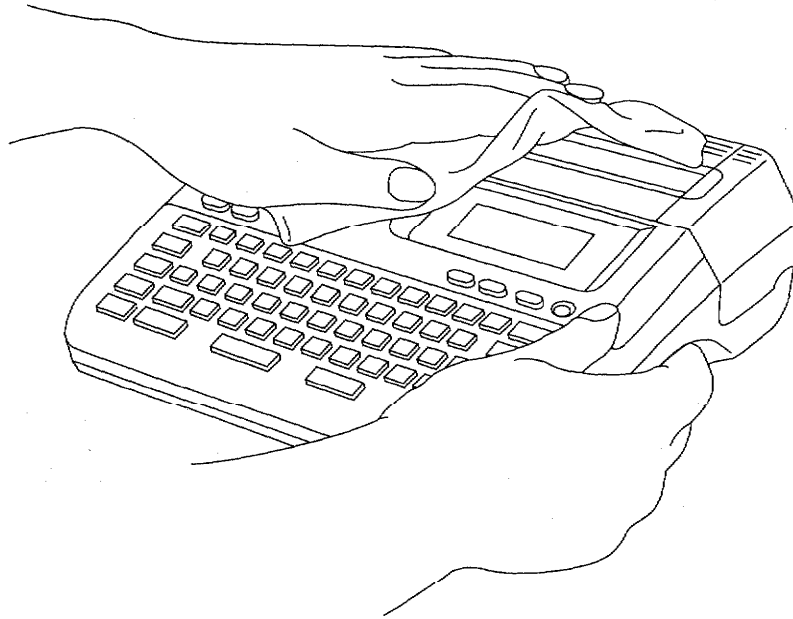


Fig. 2-2 Cleaning the Exterior

Environment

- Use the SC-300PC on a flat, horizontal surface.
- Do not use the SC-300PC in a dusty place. Keep it clean.
- Do not expose the SC-300PC, cassette, and stamps to high temperature and high humidity. Do not expose them to cool or hot air from an air conditioner.
- Do not place stamps where temperature drastically changes. This may cause the ink to run out of the carved pad. If this happens, stamp several times to decrease the surplus.
- Do not place the SC-300PC, cassette, and stamps where they are exposed to direct sunlight. Never leave them on the dashboard or in the back of a car. Use a blind or a heavy curtain to protect them from direct sunlight if it is unavoidably set up near a window.
- Do not subject the SC-300PC, cassette, and stamps to rain and strong physical shocks or vibrations. Do not throw or drop them.
- Do not expose the SC-300PC, cassette, and stamps to open flames or salty or corrosive gases.
- Do not leave any rubber or vinyl on the SC-300PC, cassette, and stamps for an extended period of time. It may cause staining.
- Do not install the SC-300PC near devices that contain magnets or generate magnetic fields.

Power Supply

- Use the enclosed AC adapter designed for the SC-300PC or size C, dry cell batteries (alkaline batteries are recommended).
- Do not touch the battery terminals and AC adapter jack.
- Do not install batteries with incorrect positive and negative polarities.
- Remove batteries and/or disconnect the AC adapter if you do not use the SC-300PC for an extended period of time.

◆ Note

When power is not supplied for five minutes or more, memory will be cleared.

Trial Print Sheets and Stamp ID Labels

Trial print sheets and stamp ID labels are made of heat-sensitive paper. Please take the following precautions with trial print sheets and stamp ID labels:

- Keep them in a cool, dry, and dark place.
- Do not place them where they are exposed to direct light or sunlight. Never leave them on the dashboard or in the back of a car.
- Do not expose them to high temperature and high humidity. Do not expose them to cool or hot air from an air conditioner.
- Do not use thermal paper other than trial print sheets and stamp ID labels designed exclusively for the SC-300PC.
- Use the trial print sheets and stamp ID labels as soon as possible after unpacking.
- Do not touch them with wet fingers.
- Do not rub them.
- Do not apply chemicals or oil to them.
- Do not touch them by hand after applying hand cream.

Stamps

- After stamps are unpacked, carve them as soon as possible.
- There might be white spots on the stamp surface of new message pads. They do not affect carving or stamping. Try stamping several times before actually using the stamp.
- Do not touch, lick, or damage the message pads.
- Do not force the stamp pad against a surface.
- Do not drag the carved pad surface.
- Do not stamp consecutively over the same position.
- When not using the stamps, close the pad cover and keep them upright or with the closed pad face down. Packed, unpacked, or detached message pads must also be kept horizontal with the pad cover face down.
- Do not stain your clothes with stamp ink. Ink cannot be washed out.
- If ink runs out of the pad, stamp several times to decrease the surplus.
- Be sure to close the pad cover when not using the stamp.
- Do not stamp your skin with inked stamps.
- Keep stamps away from small children.

Printing and Carving

- Always keep the side cover closed. If the side cover is kept open for a long time, dirt and dust gather on the thermal head.
- Do not touch the thermal head inside when opening the side cover.
- A dirty thermal head may affect printing and carving. If so, print with the trial printer cassette and trial print sheet, which can clean the thermal head. If dirt cannot be removed by print cleaning, turn off the SC-300PC and wipe the head with a soft, clean cloth or swab.

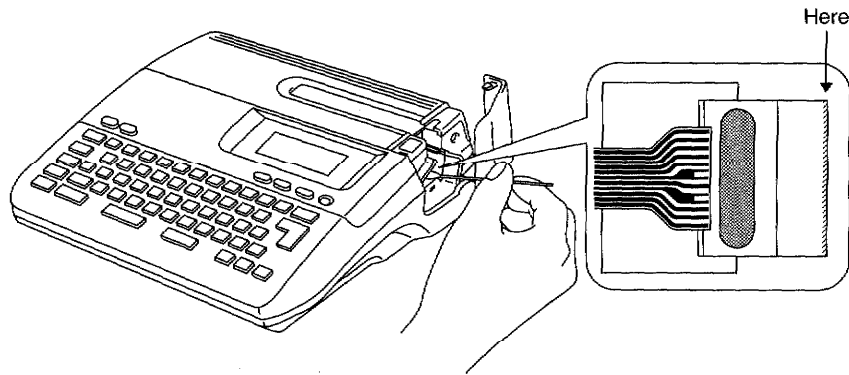


Fig. 2-3 Cleaning the Thermal Head

- Be sure to install the special trial print sheet or stamp ID label when printing with the trial printer cassette. Do not use plain paper.
- Do not use thermal paper other than trial print sheets and stamp ID labels designed exclusively for the SC-300PC.
- Make sure the trial printer cassette or stamp is correctly installed before printing or carving.
- Do not move or shake the SC-300PC, cassette, and stamp during printing or carving.
- Do not remove the trial printer cassette and stamp during printing or carving.
- Make sure the side cover is fully open before removing the trial printer cassette or stamp.
- Do not carve the same stamp more than once.

Floppy Disks

- Never open the shutter or touch the magnetic material.
- Keep floppy disks away from magnets or other sources of magnetic fields.
- Never expose the disk to extremely high or low temperatures.

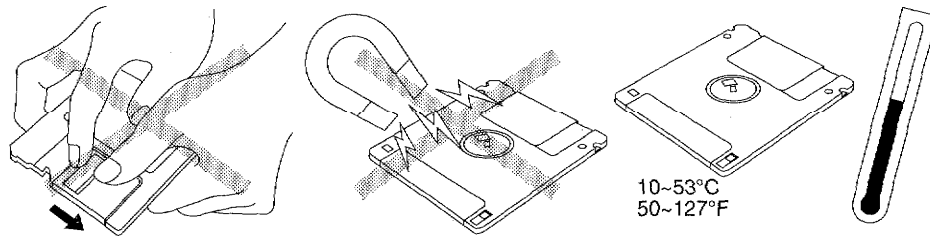


Fig. 2-4 Floppy Disk

Turning the Power On and Off

Using the AC Adapter

The SC-300PC can be operated with the enclosed AC adapter.

Attach the AC adapter as follows:

1. Insert the adapter's small connector into the AC adapter jack on the back side of the SC-300PC.
2. Plug the adapter into the nearest outlet.

❖ Notes

- Use only the enclosed AC adapter (AD 30) designed for the SC-300PC. (The following illustration might be different from the actual one supplied.)
- If the AC adapter is unplugged from the outlet for five minutes or more, memory will be cleared.
- When you use the AC adapter with dry cell batteries installed, make sure of the adapter's connection. If the connector is inserted in the jack but the adapter is not plugged into the outlet, memory cannot be maintained by the installed dry cell batteries.

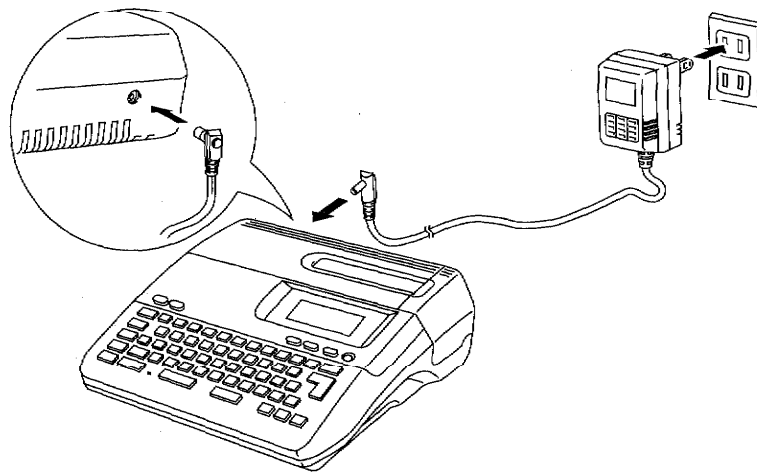


Fig. 2-5 Installing the AC Adapter

Installing Batteries

The SC-300PC can operate with six size-C dry-cell batteries as well as with the AC adapter. You may use manganese or alkaline batteries; alkaline battery is recommended.

Install batteries as follows:

1. Turn the SC-300PC upside down.
2. Open the battery cover.
3. Install batteries as shown below.

The direction to install batteries is indicated inside the battery case.

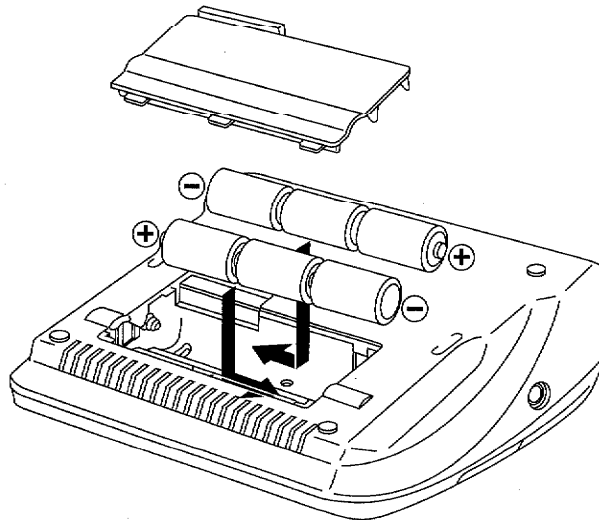


Fig. 2-6 Installing Batteries

4. Close the battery cover.

◆ Notes

When batteries become weak or they need to be replaced, the error message appears on the display. Turn the power off soon or after printing or carving. When you replace batteries, be sure to:

- Replace all six batteries at a time.
- Install new batteries within five minutes after removing old ones unless power is supplied via the AC adapter, or memory will be cleared. The AC adapter can maintain the memory contents.

Pressing the ON/OFF Key

The power (ON/OFF) key is on the front right side of the SC-300PC. Pressing the key once supplies power to the SC-300PC, which performs a self test at startup. When no error is detected, the SC-300PC wakes up with the last settings in the mode which was in at power off. When an error is detected, the error message appears on the display or the SC-300PC restores all your settings to default .

The auto power off feature saves energy only when operating on batteries. If you leave the SC-300PC for about five minutes without touching any key, power is automatically shut off. Turning the power on again resumes the operation in the latest status unless an error is detected.

Pressing the ON/OFF key again turns the power off.
Turn off the SC-300PC until you advance to Chapter 3.

◆ Notes

- Even if you press the ON/OFF key, power cannot be turned off during printing or carving.
- Be sure to turn power on with no stamp and trial printer cassette installed. If either is already installed at power on, the error message will appear on the display. Be sure to remove the stamp or cassette before turning power on.

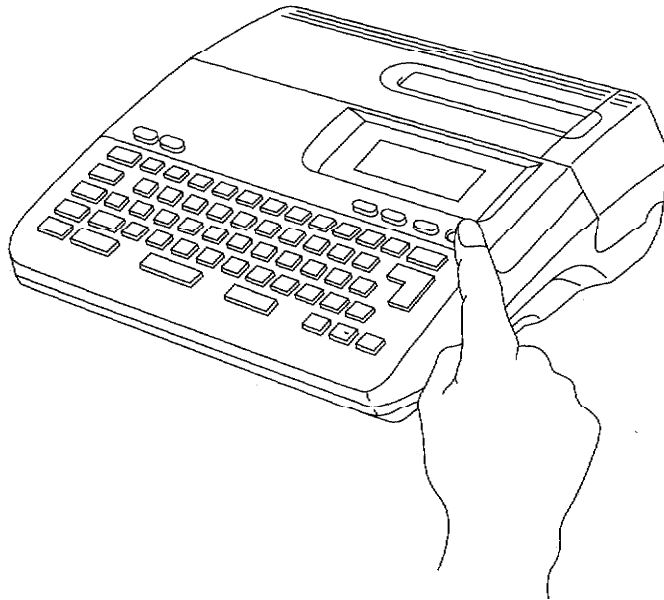


Fig. 2-7 Pressing the ON/OFF Key

Getting Ready for Printing and Carving

Using the Trial Printer Cassette

Use the trial printer cassette to print with the trial print sheets or stamp ID labels. The trial print sheet allows you to check text and layout in advance before making a stamp. You can put the printed stamp ID label on the stamp as an identification seal.

Because trial print sheets are free size, you can use them for all stamp sizes. Stamp ID labels are, however, different sizes: 10, 30, 35, and 40 stamps. Because size 10 and 30 labels have two print areas, you can use each label twice, reversing the installing direction.

◆ **Note**

Be sure to install the trial printer cassette after turning the power on, or the error message will prompt you to remove it.

Attach a trial print sheet or a stamp ID label to the cassette and install it to the SC-300PC as follows:

1. Open the cassette cover.

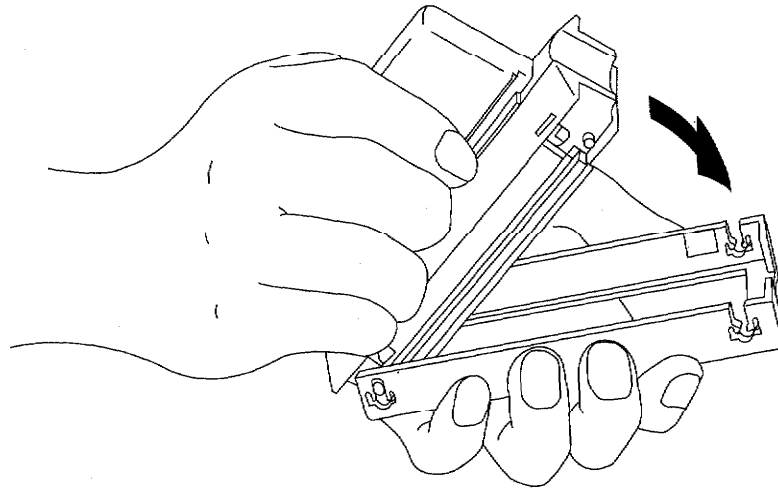


Fig. 2-8 Opening the Cassette Cover

2. Attach a trial print sheet or a stamp ID label, aligning its hole with the bar on the inside of the cover.

◆ Notes

- Trial print sheets and stamp ID labels have only one print surface. Be sure to align its hole with the bar properly.
- You can attach up to 30 trial print sheets or up to 10 stamp ID labels to the cassette at a time.
- When you attach a size 10 or 30 label, you may use either print area for the first time. Reverse the attaching direction for the second time.

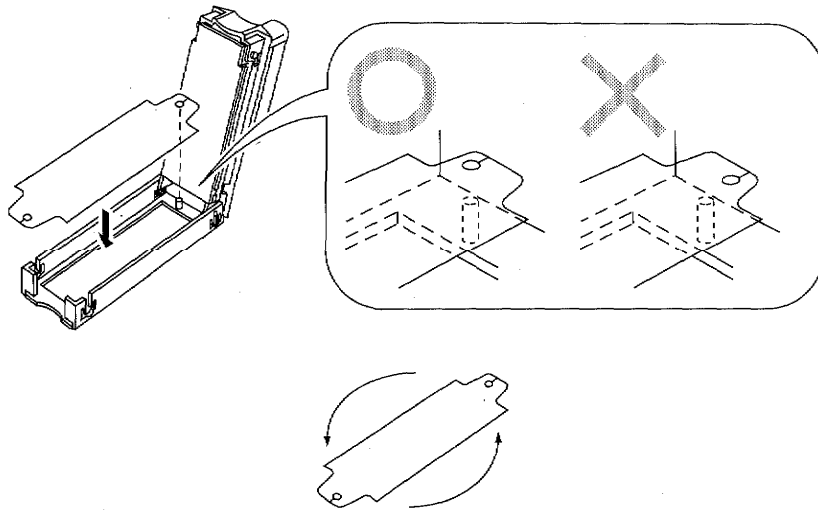


Fig. 2-9 Attaching the Trial Print Sheet or Stamp ID Label

3. Close the cassette cover.

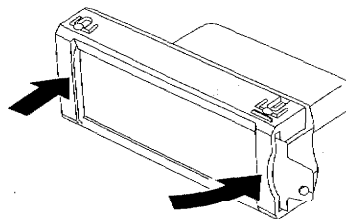


Fig. 2-10 Closing the Cassette Cover

4. Open the side cover of the SC-300PC.

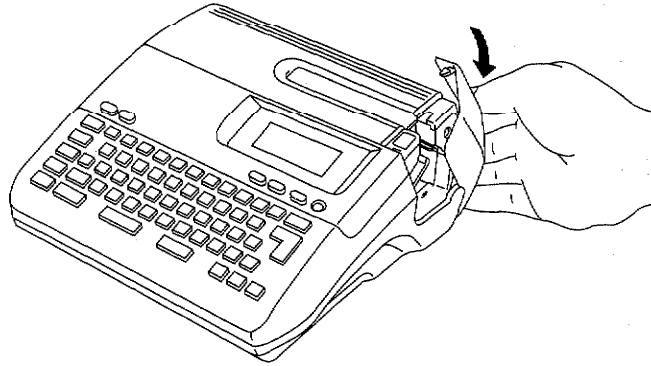


Fig. 2-11 Opening the Side Cover

5. Insert the trial printer cassette all the way into the slot.

⇒ Note

The cassette can be installed only in one way. The slit of the cassette holder must face toward the SC-300PC.

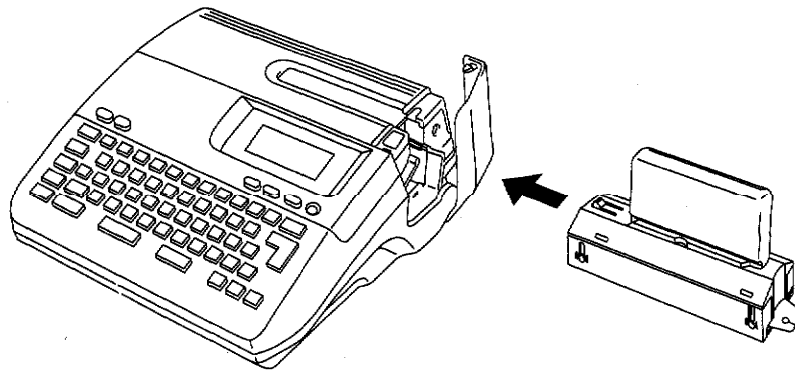


Fig. 2-12 Inserting the Cassette

6. Close the side cover completely.

•↔ **Note**

Be sure to close the side cover completely before printing. If it is open, the display will show printing progress, but, nothing will be printed. The message “KEEP COVER CLOSED” will remain on the display until printing is finished.

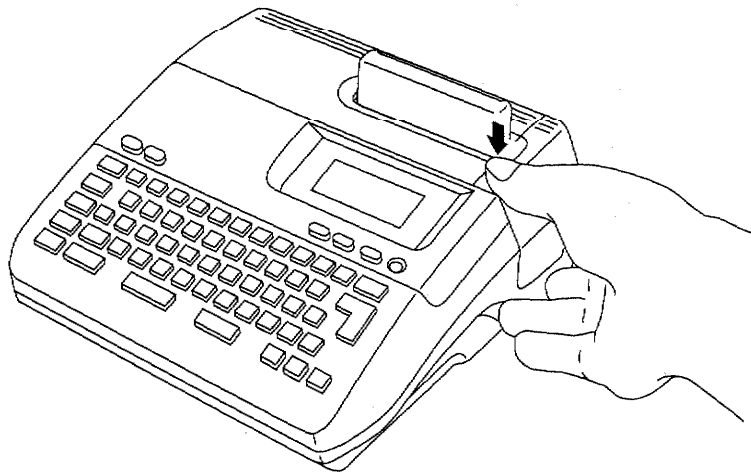


Fig. 2-13 Closing the Side Cover

After printing, reverse the above steps to remove the trial printer cassette.

•↔ **Note**

You can remove trial print sheets or stamp ID labels without opening the cassette cover. Pull the printed sheets or labels out of the cassette one by one.

Now you have learned about installing and removing the trial printer cassette. Before actually printing, read the next section to learn about stamps and then advance to Chapter 3 to learn the basic operations.

Using the Stamps

After you check the text and layout with the trial print sheets or print stamp ID labels, you can make a stamp.

◆ Notes

- Be sure to install a stamp after the turning power on, or the error message will prompt you to remove it.
- After you unpack stamps, carve them as soon as possible.
- There might be white spots on the stamp surface of new message pads. They never affect carving and stamping. Try stamping several times before actually using the stamp.

1. When you install a stamp to the SC-300PC, follow these steps:
Place the covered message pad into the holder with the pad face outward. Push the pad cover until it snaps into the holder.

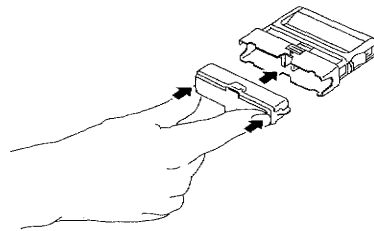


Fig. 2-14 Attaching the Message Pad to the Holder

2. Remove the pad cover.

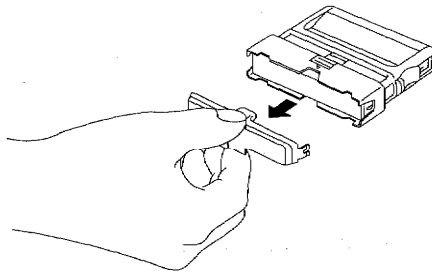


Fig. 2-15 Removing the Pad Cover

3. Move the write-protect tab of the stamp.

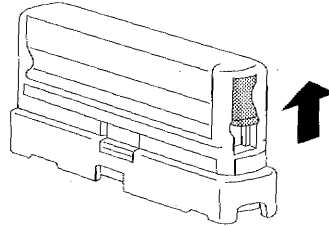


Fig. 2-16 Moving the Write-Protect Tab

4. Open the side cover of the SC-300PC.

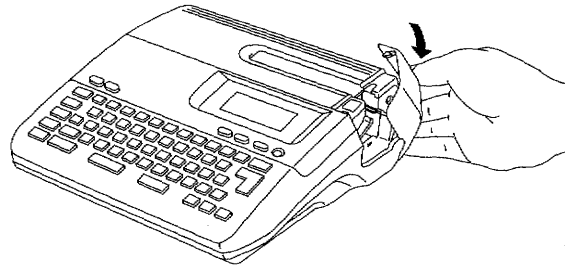


Fig. 2-17 Opening the Side Cover

5. Insert the stamp all the way into the slot.

◆ Note

The stamp can be installed only in one way. The opening of the write-protect tab must face toward the SC-300PC.

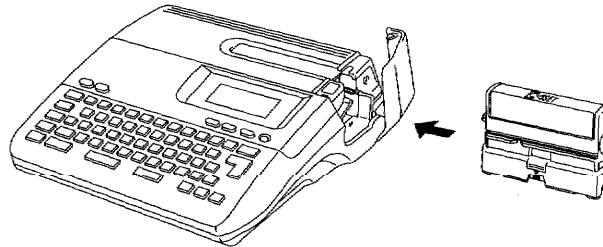


Fig. 2-18 Inserting the Stamp

6. Close the side cover completely.

◆◆ **Note**

Be sure to close the side cover completely before carving. If it is open, the display will show carving progress, but, nothing will be carved. The message "KEEP COVER CLOSED" will remain on the display until carving is finished.

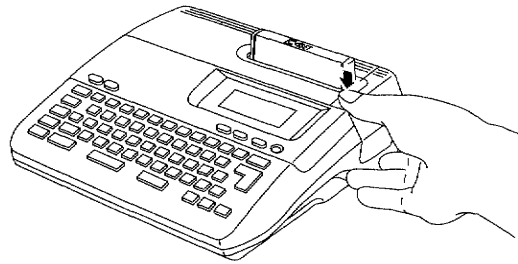


Fig. 2-19 Closing the Side Cover

After carving the stamp, reverse the above steps to remove it from the SC 300PC. Be sure to remember the following points:

- Replace the write-protect tab to prevent the stamp from being re-carved.
- Peel off the printed label and put it on the stamp holder as an identification seal. You may also put one on the message pad as shown below.
- Because coated paper or art paper does not absorb ink, stamp ink will not be dried or fixed clearly on the surface. Use only plain paper or copier paper for stamps.
- Replace the ink-pad cover when the stamp is not in use.

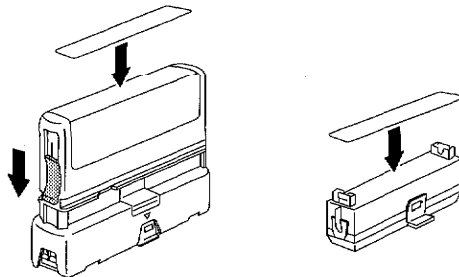


Fig. 2-20 Closing the Tab and Putting on the Stamp ID Label

- The message pad can be detached from the holder. Make sure that the pad cover is closed. Grip the holder and place your thumb and index finger on both sides of the skirt as shown below, pulling slowly so the message pad snaps off the holder.

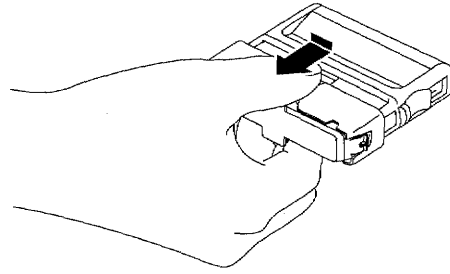


Fig. 2-21 Detaching the Message Pad from the Holder

- When not using a stamp, close the pad cover, keeping it upright or with the closed pad face down. Packed, unpacked, or detached message pads must be also kept horizontal with the pad cover face down. If they are not stored correctly, ink will collect on one side, which may cause uneven stamps.

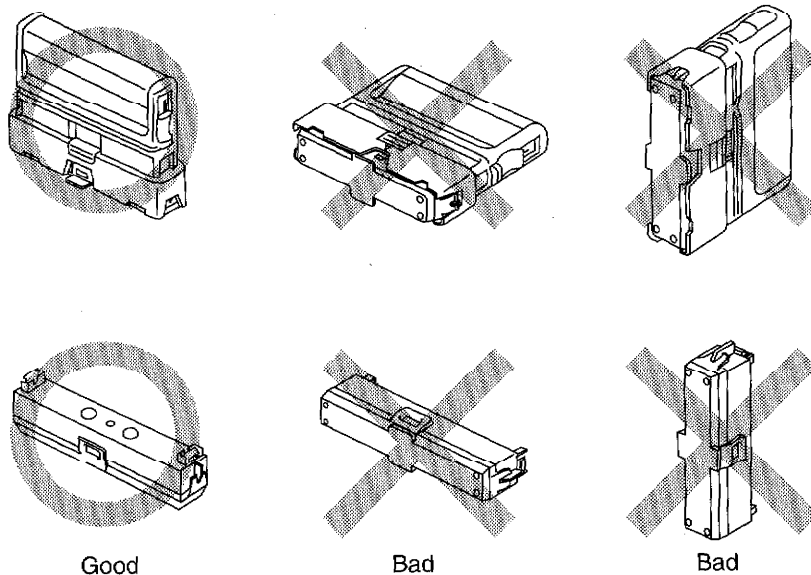


Fig. 2-22 Keeping the Stamp Upright

Now you have learned about stamps. Before actually making stamps, advance to Chapter 3 to learn the basic operations.

Connecting the SC-300PC to your Computer

See "I/F Key for Connecting with your Computer" in Chapter 4 or the P-touch Editor Instruction Manual for more information.

When you use the supplied software on your computer, you need the following computer environment. Make sure you have;

- P-touch Editor Software Disks
- IBM or Compatible PC
- Windows® 3.1, 3.11 or 95.
- More than 4.2 MB free hard disk space
- Special cable provided for the SC300PC.

Connect your SC-300PC to the computer following these steps:

1. Make sure that the SC-300PC and your computer are turned off.

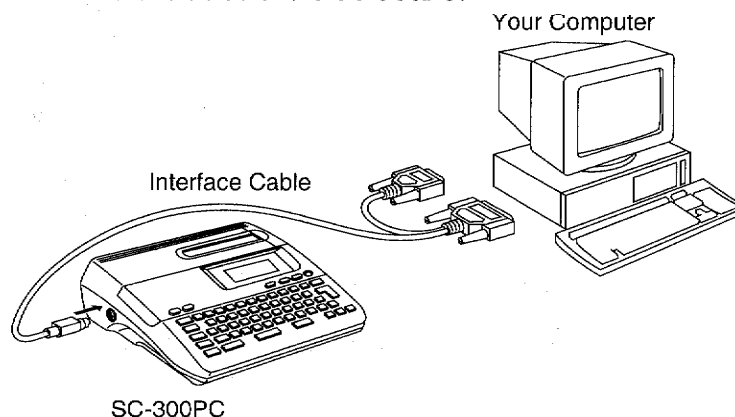
◆ **Note**

Be sure to turn off the power before connecting and disconnecting the interface cable.

2. Plug the large end of the connector into an available serial interface (COM) port of your computer, securing the connector with the screws provided.

Because the supplied interface cable has two connectors for a computer, use the connector that matches the serial interface port of your computer. For more information about the serial interface port of the computer, see the User's Guide of your computer.

3. Plug the small connector all the way into the interface port on the left side of the SC-300PC.



SC-300PC
Fig. 2-23 Connecting the SC-300PC and your Computer

Chapter 3 Learning the Ropes

About the Examples

This section is designed to help you become familiar with the machine's operation through easy-to-follow practice sessions.

The first exercise consists of creating an address stamp using the Auto Format (Template) function.

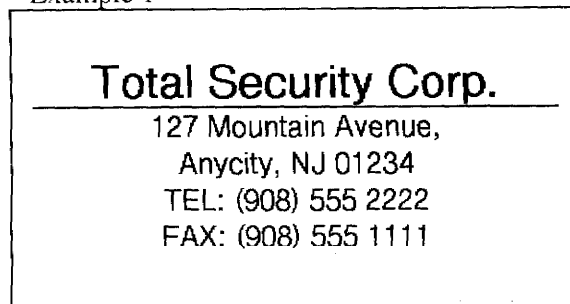
In the second session, you are shown how to make an address stamp from scratch (that is not using the Auto Formats function).

If you wish to make your own stamp based on each example, you need to prepare the following stamp.

Example 1: SIZE 40 PS-S40B or PS-S40R

Example 2: SIZE 40 PS-S40B or PS-S40R

Example 1



Example 2



Example 1 Make an Address Stamp using the Auto Format Function

Example 1



First, prepare the trial print holder and a trial print sheet. If you wish to make your own address stamp afterward, please prepare the SIZE 40 PS-S40B or PS-S40R.

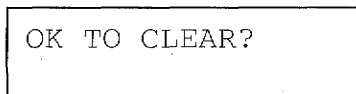
1. Plug in the AC adapter, and turn on the machine.
(See the instruction in Chapter 2 "Before You Start" for further information.)

Whenever you make a stamp, you must choose the Frame Size first, and whether you wish to make the stamp with Auto Format.

2. Press the AUTO FORMATS key, which is to the right of the PRINT key.

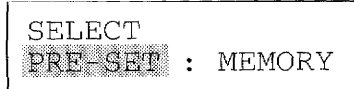


If you have entered text in the text mode, the display will prompt you to clear it.



If the text memory is empty and the format settings are all defaults, the display will not alert you. Skip the next step.

3. Press the \downarrow key to clear the text memory.

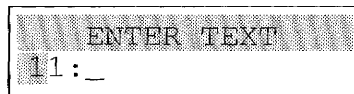


SELECT
PRE-SET : MEMORY

4. PRE-SET means that you will choose a template from the provided Auto Format options. Memory means you will use the Template you created and stored in the memory for future use.
5. So, this time select PRE-SET, and press the RETURN key.

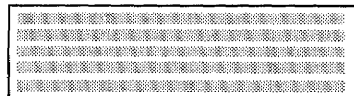
To select one of the options, you should use the cursor keys.

6. Because this example uses Auto Format No. 4, scroll the LCD with the up & down cursor keys to highlight the No. 4, and then press the RETURN key.
7. The LCD will read, "Please enter the text you wish to have."



ENTER TEXT
11 : _

8. If you wish to see how the stamp looks, you can see the rough image by pressing the IMAGE key located below the LCD.



By pressing the CANCEL key, you can return to the previous screen.

9. Type the letters for the first line. Because this template is best suited to an address stamp, the first line should be the name or the company's name, in most cases. This time type "Total Security Corp." as an example.

To input capital letters, depress the key while holding down the SHIFT key. If you get small letters when doing the above, the SC300PC may be in CAPS mode. To exit from the CAPS mode, depress the CAPS key (blue color) while holding down the CODE key.

The SPACE key will add a space between the words.

10. Now your LCD should read;

```
ENTER TEXT  
11:urity Corp.
```

11. If you have entered the line correctly, press the RETURN key. If you made a mistake, you can correct it with the BACKSPACE (BS) key.

12. Enter the words "127 Mountain Avenue" on the second line.

```
ENTER TEXT  
12:tain Avenue_
```

As all options (characters sizes, styles, fonts and alignments) are fixed in the Auto Format mode, you can not change them in this mode. All the related keys (SIZE, STYLE, FONT, ALIGNMENT and VERTICAL) are invalid.

13. After pressing the RETURN key to go to the next line, enter the data for the third, fourth and fifth lines accordingly.

14. Finally, you have a message on your LCD.

```
PRESS PRINT
```

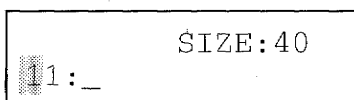
15. Insert a Trial Print Sheet into the Trial Print Holder, and then slide the holder into the machine. And press PRINT key to begin printing.

Example 2 Make a Stamp without using Auto Format

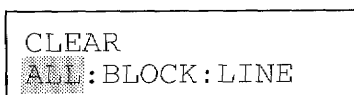
Example 2



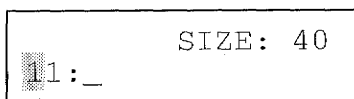
1. Turn on the machine.



2. If there is some old text on the LCD, you can clear the display by pressing the CLEAR (BS) key while holding down the CODE key.
3. When the LCD asks you which part you wish to clear, you simply press the Return (↵) key twice to clear the all of the text.



4. This is the initial screen for the Size 40 stamp.



Whenever you make a stamp, you need to decide the Frame Size first, and then decide whether you choose to make it with or without Auto Format.

5. Type "Total Security Corp." for the first line.
And press RETURN to go to the second line.

```
1:urity Corp.  
2:_
```

Use the following keys to edit the text.

- ▼ (down) and ▲ (up) cursors: To go to the lines above and below.
- ▶ (right) and ◀ (left) cursors: To go to the place you wish to edit.
- BS (Backspace) key: To delete the letter before the cursor.

6. Enter the text for the second line and press the RETURN key.
And do the same things for the third and the fourth lines. Do not hit the RETURN key at the end of the fourth line.

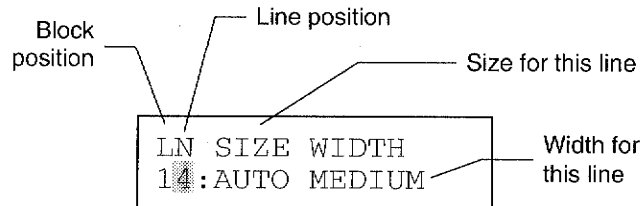
```
13:ty, NJ 08875  
14:08 555 1111
```

You have just entered all the text. Each line can have a different character size, style and font.

```
SC-300PC has:  
6 different character sizes with 3 width variations  
8 different character styles
```

To set different formats (Size, Style, Font ...) for each line, you need to proceed line by line. **You can not set format character by character.**

7. Press the SIZE key.



This screen says;
You are in the Fourth line of the First Block
Auto character size is selected for the fourth line.
Medium character width is selected for the fourth line.

8. Press the up cursor key(▲) three times to return to the first line.

```
LN SIZE WIDTH
11: AUTO MEDIUM
```

9. Press the right cursor key to highlight "AUTO", then choose 26 as the character size for the listed line with the Up & Down CURSOR keys: size 26 intentionally makes the line too long for the purpose of demonstration. Then press RETURN.

```
LN SIZE WIDTH
11: 26 MEDIUM
```

10. Press the STYLE key, then change the STYLE for the first line to "SHADOW." And then press RETURN.

```
LN STYLE ITAL
11: SHADOW OFF
```

11. Press the FONT key, and choose "BRUSSELS," and then press return.

```
LN FONT
11: BRUSSELS
```

12. Press the ALIGNMENT key.

```
LN ALIGNMENT
11: CENTER
```

13. This time, you will set the alignment to LEFT for all lines.

To change the settings, the Up & Down cursor keys must be used. To go to the top or bottom line, the CODE key + the Up or Down cursor keys must be used.

Now you should have following settings with your text.

BLOCK	LINE	Use the SIZE key to enter the setting mode		Use the STYLE key to enter the setting mode		Use the FONT key to enter the setting mode	Use the ALIGNMENT key to enter the setting mode
		SIZE	WIDTH	STYLE	ITAL	FONT	ALIGNMENT
1	1	26	M	SHADOW	OFF	BRUSSELS	LEFT
1	2	AUTO	M	NORMAL	OFF	HELSINKI	LEFT
1	3	AUTO	M	NORMAL	OFF	HELSINKI	LEFT
1	4	AUTO	M	NORMAL	OFF	HELSINKI	LEFT

14. If you wish to change some format settings, you can change them now with the listed keys.

15. Before printing, check the stamp image by pressing the IMAGE key.

An error message "TEXT TOO LONG" will appear on the screen.



Edit the text to fit the Frame Size:

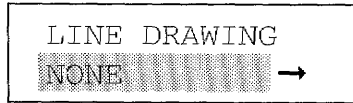
After exiting the IMAGE view mode by pressing the CANCEL key.

- 1) Shorten the text by deleting or abbreviating some words,
or
- 2) Choose a smaller character size, for example 19 points,
for the line(s).

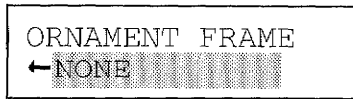
Follow the above 2) at this time.



16. Press the LINE DRAWING key.



17. Press **▶** key.



18. Press **▲** key twice to get "40:DOUBLE."

19. Press the RETURN key. A prompt "OK TO DRAW?" appears on the LCD. Press the RETURN key again.

20. Check the image with the IMAGE key again, and if it looks correct, print it on a Trial Sheet.

User's Guide

Chapter 4 For your Information

Power (ON/OFF) Key

The power (ON/OFF) key is on the front right side of the SC-300PC. Pressing the key once supplies power to the SC-300PC. Pressing the key again turns the power off.

The auto power off feature saves energy when operating on batteries only. If you leave the SC-300PC on for about five minutes without touching any key, the power will be automatically shut off. Turning the power on again resumes the operation in the latest status unless an error is detected.

◆ Notes

- Power will not be turned off even if you press the ON/OFF key during printing or carving.
- Be sure to turn the power on with no stamp or trial printer cassette installed. If either is installed at power on, an error message will appear on the display. Be sure to remove the stamp or cassette before turning power on.

See also "Pressing the ON/OFF Key" in Chapter 2.

FRAME SIZE Key for selecting a Stamp Size

You can change the frame size of your stamp and the units of measurement. Four pre-set nominal frame sizes and free frame sizes are available: size 10, 30, 35, 40 and NEW.

The first screen of the display always shows the current frame size. When you press the FRAME SIZE key, the display will show the following selection menu.

```
SET FRAME SIZE
40:35:30:10  →
```

⇒ **Note**

If you change the frame size, all block length settings are restored to the default AUTO settings. For more information about block length, see “BLOCK LENGTH Key for Changing the Block Length” in Chapter 5.

Press the ► or ◀ key to choose a frame size. Press the ↵ key to make selection active or cancel selection with the CANCEL key.

Frame size	Setting
40	Size 40 stamp (Default frame size)
35	Size 35 stamp
30	Size 30 stamp
10	Size 10 stamp
NEW	Free height and width sizes
UNIT	Units of measurement

Choosing any pre-set frame size:

When you choose any pre-set nominal frame size, for example 30, the upper row of the first screen will show the active pre-set frame size as follows:

SIZE: 30

Be sure to use the same nominal size labels and stamps.

Choosing any free frame size:

When a new stamp size becomes available, you will enter some settings by choosing NEW Frame Size.

When you choose NEW, the display shows the sub-menu for the frame height and width.

HEIGHT WIDTH
1.0in. 2.7in.

Press the ► or ◀ key to choose HEIGHT or WIDTH. Press the ▼ or ▲ key to change the free frame size within the following ranges:

Item	NEW frame size (Default setting)
HEIGHT	0.2–1.0 inch in 0.1-inch increments (1.0 inch) 4–27 mm in 1 mm increments (27 mm)
WIDTH	0.2–2.7 inches in 0.1-inch increments (2.7 inches) 4–70 mm in 1 mm increments (70 mm)

⇒ Note

The sizes will be indicated in the selected unit of measurement. See the next description for further explanation.

Press the ↵ key to make your selection active or cancel the selection with the CANCEL key.

You can restore the height and width sizes to the default settings. Press the SPACE key to restore the selected item to the default setting. Press the CODE + SPACE key to restore both items to the default settings.

When you choose any free value, for example 0.5-inch height and 2.0-inch width, the upper row of the first screen will show the active free frame size as follows:

0.5x2.0

When you set the free frame size, the text area is measured from the point where the diagonal lines of the frame would cross. Be sure to use a stamp that can handle the free frame size, or an error message will appear when carving it.

The trial printer cassette may be used for all frame sizes. When you press the PRINT key to start printing with the free frame size, the display may prompt you to choose the print area. Choose an appropriate frame size.

◆◆ **Note**

The print areas of stamp ID labels are different, depending upon their frame sizes. When you use labels for free frame sizes, be sure to choose an appropriate frame size.

Since stamps are different in size, the size will be automatically detected. If an inappropriate stamp is inserted before carving, an error message will appear.

Choosing the units of measurement:

When you choose UNIT, the display will show the sub-menu for units of measurement. Sizes are indicated in either millimeters or inches.

SET UNIT
Inch: mm

Press the ► or ◀ key to choose mm or inch. Press the ↵ key to make the selection active or cancel the selection with the CANCEL key.

The display always shows the sizes in the selected unit of measurement.

VERTICAL Key for changing the Frame Orientation

The SC-300PC usually prints text or carves stamps in horizontal orientation or direction. You can alter the frame orientation to print text vertically.

When you press the VERTICAL key, the display shows the following selection menu.



Press the ▼ or ▲ key to turn on or off vertical orientation. Press the ↵ key to make the selection active or cancel the selection with the CANCEL key.

Vertical orientation	Setting
OFF	Horizontal printing or carving (Default)
ON	Vertical Printing or carving

You can restore the orientation to the default setting by pressing the SPACE or CODE + SPACE key.

When you turn on vertical printing, a triangle mark appears above



(orientation indication) on the display.

When vertical orientation is turned on, the SC-300PC prints or carves characters and symbols, tilting them by 90 degrees. Specially designed brackets and a dash, (,), [,], -, are used for vertical printing and carving.

◆ Note

When vertical orientation is turned on for more than one line, the first line will appear on the right side and the last line will appear on the left side.

CURSOR Keys

You can move the text cursor right and left, and up and down with the four cursor keys. Holding down the cursor key repeats the cursor movement until the beginning or end of the text. When you hold down the SHIFT key or the CODE key, the cursor movement will change. The following table shows the cursor movements:

To move the cursor	Hold down	Press
One character to the left or to the end of the previous line	-	◀ (Left Cursor) key
One character to the right or to the beginning of the next line	-	▶ (Right Cursor) key
One line up	-	▲ (Up Cursor) key
One line down	-	▼ (Down Cursor) key
To the beginning of a line	SHIFT	◀ (Left Cursor) key
To the end of a line	SHIFT	▶ (Right Cursor) key
To the beginning of the current or previous block	CODE	◀◀ (PREVIOUS) key
To the beginning of the next block	CODE	▶▶ (NEXT) key
To the beginning of the entire text	CODE	HOME key
To the end of the entire text	CODE	END key

❖ **Note**

While the BS (Backspace) key moves the text cursor and deletes characters directly on the left side of the text cursor, the cursor keys just move the text cursor without deleting characters.

For more information about text blocks, see "H. BLOCK / V. BLOCK Key" in Chapter 4.

CURSOR Keys for choosing Functions and Settings

The cursor keys also work as the selection keys for choosing functions and settings. The selection cursor highlights the selected item. Press the ► (Right Cursor) or ◀ (Left Cursor) key to choose the right or left item displayed on the same line. Press the ▲ (Up Cursor) or ▼ (Down Cursor) key to change the selected item up and down.

The ↵ key works as an Enter key. Use this key to make the selected function and settings active. If you wish to cancel the operation or selection, use the CANCEL key. Pressing the CANCEL key will return you to the previous mode or selection without activating the choice.

SHIFT and CAPS Keys

Most characters can be entered simply by pressing the corresponding keys. However, to enter uppercase letters and some common symbols, the following keys are necessary.

SHIFT Key

This key allows you to type both symbols located on the upper parts of the keys and capital letters; however, symbols and characters in orange must be entered while in ALT mode. For example, to type a capital "A," hold down the SHIFT key and press the A key.

CAPS Key

The SHIFT key is very useful for inputting a single capital letter, for example, at the beginning of a name. However, when you wish to enter a series of uppercase letters, the CAPS key should be used.

TO ENTER CAPS MODE:

Hold down the CODE key and press the CAPS key.

When this mode is on, the CAPS indicator on the LCD display turns on.

In CAPS mode, however, pressing any key does not produce the special character labeled on the upper part of that key. You need to hold down the SHIFT key and press a key to type a special character.

•❖ Note

Holding down the SHIFT key in the CAPS mode will produce lowercase letters.

ALT Key for entering International Characters

Use the ALT key to enter international characters and diacritical marks labeled on the right sides of keys. Hold down the ALT key and press any key with a character on its right side; a bullet appears under the ALT indication on the display.

Key Row	International characters and diacritical marks
1	ı
2	^ " ´ ` ü í ó á
3	ç é ú "
4	Ç ç Ñ ñ - '

When you type diacritics, enter any of the following diacritical marks first and then the base character to form composite characters.

Diacritics	Base characters
^	A E I O U a e i o u
"	A E I O U a e i o u y
´	A E I O U a e i o u
`	A E I O U a e i o u

When a diacritic and a base character are combined, they will appear alternately on the display.

➔ **Note**

If you type characters that cannot form composite characters, only the last typed character will appear.

CODE Key

The CODE key allows you to choose various functions. Functions written in blue can be selected by pressing the key while holding down the CODE key.

Display (LCD)

The display shows the frame size indication, which is a nominal stamp size, in the upper row of the first screen. The first and second numbers in the lower row always indicate the current block number and the current line number respectively. They tell your location in the stamp frame. For more information about Frame Size, see “FRAME SIZE Key for Selecting a Stamp Size” and “H. BLOCK / V. BLOCK Key” in Chapter 4.

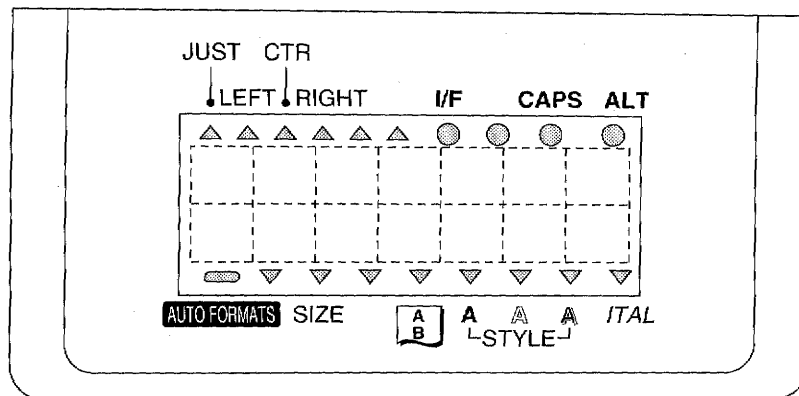


Fig. 3-1 Display

As you type text and change formats, you can see characters and format indications on the display. Bullets and triangles around the display indicate the current key status such as CAPS, ALT, and AUTO FORMATS and the current formats such as justification, orientation, font size, and font styles. If you have a problem, the display shows the corresponding error message. See Chapter 6 for error messages.

For more information about various functions and formats, see the following pages.

◆ **Note**

Although the display indications in this User's Guide resemble screen images, they will be different from exact screen images. They are provided for your reference only.

SYMBOL Key

When you type symbols, hold down the CODE key and press the SYMBOL key.

The first group of symbols appear on the display. Change the symbol group with the ▼ or ▲ key and choose your desired symbol with the ► or ◀ key.

Group	Symbols													
1	•	+	×	÷	=	®	©	™	[]	§	½	²	∞
2	Æ	æ	°	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	
3	0	1	2	3	4	5	6	7	8	9	±	+	-	
4	0	1	2	3	4	5	6	7	8	9	±	+	-	
5	○	●	□	★	♠	♥	♦	♣	♠	♣	✕	+	?	☎
6	→	←	↑	↓	in	■	✂	♣	♣	♣				
7	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
8	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
9	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
10	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
11	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
12	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
13	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣

After you choose the desired symbol, press the CODE key + ↵ key or simply the ↵ key. When you press the CODE + ↵ key, you can continue entering symbols until you return to the text mode. When you press the ↵ key, you will enter the selected symbol and immediately return to the text mode. Press the CANCEL key to quit the symbol mode.

RETURN (↵) Key and CANCEL Key

The RETURN (↵) key is located on the right side of the keyboard. It is the largest, and one of the most often used keys. The RETURN key has three basic functions:

To End a Line

Like the RETURN key on a typewriter or word processor, this machine's RETURN key allows you to end one line of text and begin another. While entering the message, press the RETURN key when you have finished entering one line and wish to start the next. The cursor moves to the next line on the LCD display.

The maximum number of the lines is subject to stamp Frame Size. See "H. BLOCK / V. BLOCK Key" in Chapter 4.

To Enter and Choose Items

The RETURN key can also be used to enter and choose items. For example, in SYMBOL mode, a large group of symbols are displayed. After you have chosen the symbol you want to appear in your message, it will be highlighted, signifying that it is the "active" symbol. If the RETURN key is pressed, that symbol will be entered into your text message.

To Answer "YES"

Questions sometimes appear on the LCD display, especially when the function that you have chosen will delete or affect files. In these cases, pressing the RETURN key is recorded as a positive answer.

To answer "no," press the CANCEL key.

H.BLOCK / V.BLOCK Key

Creating Blocks in the Frame

When you create horizontal and vertical blocks in a frame with the H.BLOCK→ and V.BLOCK↓ keys, you can format text and draw lines differently in each block. In principle, one frame can contain up to six horizontal and vertical blocks in total and up to four vertical blocks, and each block can hold up to nine lines of text.

Remember that the vertical blocks are called steps. Steps can hold one block or more than one horizontal block.

ABC ↵	GHIJK ↵
DEF ↵	
LMNOP	

The above frame has four lines of text, three blocks, and two steps. The maximum number of lines, blocks, or steps is subject to formatting such as frame size and font size. Use the following table as a reference.

Stock no.	Nominal size	# of lines	# of blocks	# of steps
PS-S10(B, R)	10	Up to 4	Up to 6	Up to 4
PS-S30(B, R)	30	Up to 4	Up to 6	Up to 4
PS-S35(B, R)	35	Up to 8	Up to 6	Up to 4
PS-S40(B, R)	40	Up to 9	Up to 6	Up to 4

• Notes

- Do not press the H.BLOCK→ and V.BLOCK↓ keys unnecessarily. Empty blocks that have no characters are also reserved for printing or carving.
- If you create blocks, all block length settings are restored to the default AUTO settings. For more information about block length, see "BLOCK LENGTH Key for Changing the Block Length" in Chapter 5.

To create a horizontal block:

```

1 : ABC↵
2 : DEF_
    
```

Press the H.BLOCK→ key. The screen will scroll down, showing a horizontal block mark instead of a return mark. The block and line numbers change accordingly.

```

2 : DEF↵
1 : GHIJK_
    
```

Although a stamp face is subject to formatting, it might look as follows:

ABC	GHIJK
DEF	

You can create up to six blocks, including both horizontal and vertical blocks.

To create a vertical block:

```

2 : DEF↵
1 : GHIJK_
    
```

Press the CODE + V.BLOCK↓ key. The screen will scroll down, showing a vertical block mark instead of a return mark. The block and line numbers change accordingly.

```

1 : GHIJK↵
3 : LMNOP_
    
```

Although a stamp face is subject to formatting, it might look as follows:

ABC	GHIJK
DEF	
LMNOP	

Although you can create up to four vertical blocks or steps, the frame can hold up to six blocks, including horizontal blocks.

To move between blocks:

When you create blocks, you can move and navigate them with the following keys as well as with the normal cursor keys:

To move the cursor	Hold down	Press
To the beginning of the current or previous block	CODE	◀◀ (PREVIOUS) key
To the beginning of the next block	CODE	▶▶ (NEXT) key

For more information about cursors, see "CURSOR Keys" in Chapter 4.

BACKSPACE (BS) and CLEAR Keys

You can delete text character by character with the BACKSPACE (BS) key. The more efficient way to clear text is the CLEAR key. You can clear all text, a block of text, or lines of text at a time.

When you press the CODE + CLEAR key, the display shows the following screen:

```
CLEAR
ALL : BLOCK : LINE
```

Press the ► or ◀ key to choose the operation as follows:

Choose	To do
ALL	Clear all text at a time. The frame size, format settings, and drawing lines are restored to the default settings.
BLOCK	Clear text in the current block where the text cursor is located. Other blocks of text will retain the same formats.
LINE	Clear text from the current line. Other lines of text remain with the same formats.

◆ Notes

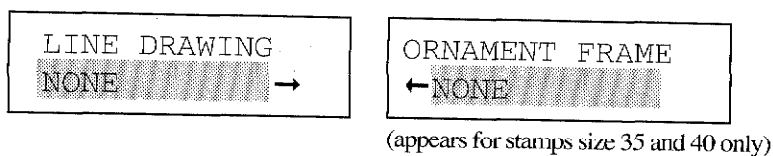
- If you wish to clear lines of text across blocks, they will have to be cleared separately, as they are in different blocks.
- If you clear a block of text, all block length settings are restored to the default AUTO settings.

Press the ↵ key to perform the operation or cancel it with the CANCEL key.

LINE DRAWING Key

Using the LINE DRAWING Key

You can draw lines or a border around a stamp frame or blocks of text. When you press the LINE DRAWING key, the display will show the following selection menu.



Press the ► or ◀ key to choose LINE DRAWING or ORNAMENT FRAME. Press the ▼ or ▲ key to choose any line type or ornament. Press the ↵ key to make selection active or cancel selection with the CANCEL key.

Line drawing	Setting
NONE	No lines (Default)
BORDER/SOLID	Solid border around a frame
BORDER/DOT	Broken border around a frame
BLOCK/SOLID	Solid border around text blocks
BLOCK/DOT	Broken border around text blocks
LINE/SOLID	Solid lines around all text lines
LINE/DOT	Broken lines around all text lines

See the image samples on the following page.

Ornament frame	Setting only for sizes 35 and 40
NONE	No ornament frame (Default)
CIRCLE	Oval ornament frame
DOUBLE	Double ornament frame
THINKING	Thought balloon ornament frame
SAYING	Speech balloon ornament frame
HOUSE	House ornament frame
CAKE	Cake ornament frame
WAITER	Waiter ornament frame

See "Ornament Frame Samples" for ornament frames.

IMAGE Key for previewing the Layout Image

You can preview the layout image before you start printing or carving. The image preview mode may help you edit the text and layout.

When you press the IMAGE key, the display shows the image of text and layout with ■ marks, not with exact letters and lines. Pressing the CANCEL key allows you to return to the previous screen.

◆ **Note**

You can start printing or carving when in the image preview mode.

The IMAGE Key is useful when you choose a format from the Auto Format options.

While you are not familiar with making stamps, remember the following basic steps:

1. Type the text.
2. Change sizes, styles, fonts and alignments (Manual Formatting) as you like.
3. Preview the image to check text and layout.
4. Print with trial print sheets to check printouts.
5. Print with stamp ID labels to prepare stamp identification seals.
6. Carve a stamp.
7. Place the printed stamp ID labels on the stamp.

To clear all or block of the text:

When you attempt to clear all or a block of text, the display will reconfirm whether to perform the operation.

```
OK TO CLEAR?
```

Press the \downarrow key to delete all of the text or a block of the text, or cancel the operation with the CANCEL key.

To clear lines of text:

When you attempt to clear lines of text, the following screen will appear showing the current line on the lower row, asking which line you wish to delete.

```
TO WHICH LINE?  
11: ABC
```

Press the \blacktriangledown or \blacktriangle key to highlight other lines until you arrive at the last line to be deleted. You can clear text from the current line to the selected line. Press the \downarrow key to delete the selected lines or cancel the operation with the CANCEL key.

```
TO WHICH LINE?  
13: GHIJK
```

When you press the \downarrow key, the display reconfirms whether to perform the operation.

```
OK TO CLEAR?  
13: GHIJK
```

Press the \downarrow key to perform the operation or cancel it with the CANCEL key.

❖ **Notes**

- Ornament frames are available only for sizes 35 and 40. An ornament image fits a size 35 or 40 frame and the text area is preset for each ornament. Text is arranged in the preset area and printed or carved together with the ornament image.
- The beginning of this user's guide lists all ornament frames available for sizes 35 and 40. Look for ornament frames in the list.

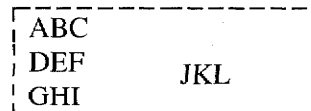
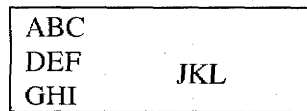
You can restore the line drawing to the default setting. Press the SPACE or CODE + SPACE key to restore it to the default setting.

When your selection becomes active, the display confirms if you wish to draw lines or a border.

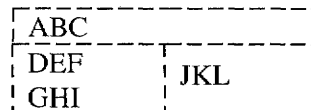
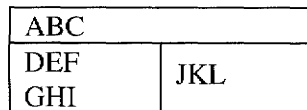


Press the ↵ key to draw lines or a border, or cancel line drawing with the CANCEL key. Again you may press ► key for ornament frames for sizes 35 and 40 only.

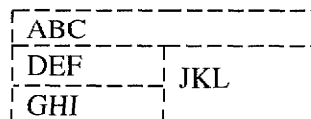
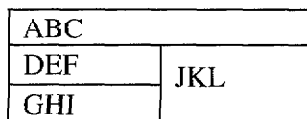
Drawing solid or dot border lines around a frame



Drawing solid or dot block lines around text blocks



Drawing solid or dot lines around text lines



Drawing or erasing lines in the Image Preview Mode

You can also use a partial line drawing/erasing feature in the image preview mode. Follow these steps:

◆ **Note**

When you enter the image preview mode from the auto formats mode with the AUTO FORMATS key, you cannot draw or erase lines in the image preview mode.

1. Press the IMAGE key to enter the image preview mode.

To return to the previous screen, press the CANCEL or ↵ key.

2. Press the ▼, ▲, ►, or ◀ key to move the highlight cursor to the target text line.
3. Press the SPACE key several times to change the line type indication on the display.

Line type	Setting
SOLID	Solid line
DOT	Dotted line
ERASE	Erase lines

4. Press the ↵ key to choose the displayed line type.
5. Press the CODE + ▼, ▲, ►, or ◀ key to draw or erase lines.

Key	Line
CODE + ▲	Draw or erase the line above the current cursor position.
CODE + ▼	Draw or erase the line under the current cursor position.
CODE + ◀	Draw or erase the line on the left side of the current cursor position.
CODE + ►	Draw or erase the line on the right side of the current cursor position.

After you draw or erase lines, you can exit the mode with the ↵ key.

AUTO FORMATS Key

While you can type and lay out text in the text mode to make stamps freely, the auto formats mode allows you to make stamps easily, recalling among 34 pre-set layout templates with the AUTO FORMATS key. **With your PC, you can have over 100 Auto Formats.**

◆ Notes

- You can exit the auto formats mode any time by pressing the AUTO FORMATS key again or pressing the CANCEL key.
- You can turn the power off any time during the auto formats mode. If no error is detected, you can return to the last status after turning the power on.

This section helps you learn how to enter the auto formats mode, choose a pre-set layout, type your information for the layout, and print with the trial printer cassette. Follow these steps in order.

To enter the auto formats mode:

1. Press the FRAME SIZE key to choose the stamp size that you wish to use.

The following steps describe making size 40.

2. Press the AUTO FORMATS key.

AUTO FORMATS

If you have entered text in the text mode, the display prompts you to clear it.

OK TO CLEAR?

If the text memory is empty and the format settings are all defaults, the display will not alert you. Skip the next step.

3. Press the ↵ key to clear the text memory.

To choose a pre-set layout:

The display shows the following message:

```
SELECT
PRE-SET:MEMORY
```

In this session, be sure to choose **PRE-SET** to use pre-set layouts. For **MEMORY**, see “Using the Stored Layout in the Auto Formats Mode” in Chapter 5.

4. Choose **PRE-SET** with the **▶** or **◀** key and press the **↵** key.

```
SELECT LAYOUT
SIZE:40 1
```

5. Choose a layout with the **▼** or **▲** key and press the **↵** key.

Note

You can see how an auto format looks by pressing the **IMAGE** key. To come back, press the **Image** key again.

The beginning of this user's guide lists all pre-set layout templates available in the auto formats mode. Look for stamp layouts in the list.

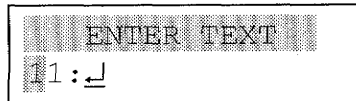
Size	Numbers of templates layout
40	15 (No. 1–No. 15)
35	11 (No. 1–No. 11)
30	3 (No. 1–No. 3)
10	5 (No. 1–No. 5)
Total	34

Choose “**SIZE:40 1**” in this session. You may choose any other layout later on.

To type your information in the layout:

You can choose layout templates from the selected layout group. You can then easily make stamps by entering your information in the pre-set layout templates.

6. When you have chosen a template, the display prompts you to enter your information after showing the layout image.



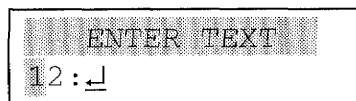
7. Type your information.

◆ Note

If you want to change the stamp size after choosing the layout, press the AUTO FORMATS or CANCEL key. Then press the ↵ key to return to step 1, so that you can choose a different stamp size.

8. Change lines with the ▼ or ↵ key and continue to enter your information.

When you press the ↵ key, the next prompt appears after showing the layout image.



◆ Note

If there is space left for few characters at a prompt, the alert message will appear as follows:



If you enter too many characters at a prompt, you will not be able to print or carve them. You can check the error with the IMAGE key.

You can move back to previous lines with the ▲ key to change your information. After you have entered all of your information in order, the following message appears on the display to prompt you to press the PRINT key.



To quit the auto formats mode:

14. Press the AUTO FORMATS or CANCEL key to finish the mode.

```
OK TO FINISH?  
FINISH: SWITCH
```

15. Choose FINISH with the ► or ◀ key and press the ↵ key.

Choose	To do
FINISH	Finish the auto formats mode and return to the text mode with all text and layout cleared.
SWITCH	Copy all the current text, formats, and layout to the text mode and finish the auto formats mode. You can change them in the text mode.

You have now learned about printing with the AUTO FORMATS feature. You may advance to the next section to learn about making stamps or you may turn the power off.

SIZE, STYLE, FONT, and ALIGNMENT for manual Formatting

Learning manual formatting line by line

You can change the Size, Style, Font and Alignment of text. You can apply these formats *line by line* when you are working in the Manual Formatting mode (not Auto Formats mode) or previewing the layout image with the IMAGE key.

◆ Notes

- Manual formatting always applies to an entire line. You cannot change formats character by character.
- Formats are fixed in the Auto Formats mode. You can copy auto formats and change them in the text mode. See “To quit the auto formats mode” on the previous page.

You apply formats to the line where the text cursor is currently located. You may move the text cursor to the target line before you press the formatting keys or you may change lines later in each formatting mode.

When you press the SIZE, STYLE, FONT, or ALIGNMENT key, you will enter each formatting mode. Remember the following common operation technique:

- After you enter the formatting mode, you can change the line to be formatted by pressing the ▼ or ▲ key at the LN (line) item. When a format item other than LN is highlighted, press the CODE + ▼ or ▲ key to change the line to be formatted, so that the target line and block numbers appear on the display.

- You can restore line formats to the default settings. Press the SPACE key to restore the selected format item to the default setting. Press the CODE + SPACE key to restore all format items to the default settings.

Key	Default line format setting
SIZE	AUTO size, MEDIUM width
STYLE	NORMAL style, Italic OFF
FONT	HELSINKI
ALIGNMENT	CENTER

For example, when you press the CODE + SPACE key at the SIZE selection screen, the size and width settings of all lines are restored to AUTO and MEDIUM.

```
LN  SIZE WIDTH
12: AUTO MEDIUM
```


STYLE Key for changing Styles

You can change font styles including italics. When you press the STYLE key, the display shows the current style.

LN	STYLE	ITAL
12	NORMAL	OFF

Press the ► or ◀ key to choose the item to be set. Press the ▼ or ▲ key to change the setting.

Item	Setting
LN	Block and line to be formatted (LN = Line)
STYLE	NORMAL, BOLD, OUTLINE, or SHADOW
ITAL (Italic)	ON or OFF

◆ Note

Even if bold, outline, or shadow is active, six-point text, which is set with the SIZE key, is always printed or carved in normal style.

Press the ↵ key to make selection active or cancel formatting with the CANCEL key.

The display will show the active style with corresponding triangle marks above the STYLE and ITAL indications.

	ITALIC OFF	ITALIC ON
NORMAL	ABC	<i>ABC</i>
BOLD	ABC	<i>ABC</i>
OUTLINE	ABC	<i>ABC</i>
SHADOW	ABC	<i>ABC</i>

FONT Key for changing Fonts

You can change fonts. When you press the FONT key, the display shows the current font.

LN	FONT
12	HELSINKI

Press the ► or ◀ key to choose the item to be set. Press the ▼ or ▲ key to change the setting.

Item	Setting
LN	Block and line to be formatted (LN = Line)
FONT	HELSINKI, BRUSSELS, or ISTANBUL

Press the ↵ key to make selection active or cancel formatting with the CANCEL key.

HELSINKI	ABCDEF
BRUSSELS	ABCDEF
ISTANBUL	ABCDEF

ALIGNMENT Key for changing Text Alignment

You can change text alignment. When you press the ALIGNMENT key, the display shows the current alignment.

LN	ALIGNMENT
12:	CENTER

Press the ► or ◀ key to choose the item to be set. Press the ▼ or ▲ key to change the setting.

Item	Setting
LN	Block and line to be formatted (LN = Line)
ALIGNMENT	CENTER, LEFT, JUSTIFY, or RIGHT

Press the ↵ key to make selection active or cancel formatting with the CANCEL key.

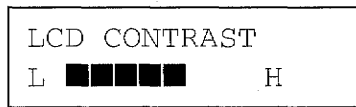
The display will show the active alignment with the triangle mark under the JUST, LEFT, CTR, or RIGHT indication.

Text is centered.
Text is aligned to the left.
T e x t i s j u s t i f i e d .
Text is aligned to the right.

CONTRAST Key to tune the LCD View

You can adjust the display contrast with the CONTRAST key. Increase or decrease the contrast to the surrounding lighting condition until you can comfortably read the display screen.

When you press the CODE key + the CONTRAST key, the display shows the following screen:



Press the ► or ◀ key to increase or decrease the liquid crystal display (LCD) contrast. *L* indicates lower contrast and *H* indicates higher contrast. Pressing the SPACE key restores the contrast to the default setting. Press the ↵ key to make selection active or cancel the operation with the CANCEL key.

MEMORY Key for organizing your Files

Using the MEMORY Key

To make the same stamp over, you do not need to type the same text with the same layout over and over again. The memory feature in the text mode allows you to store up to 100 text files and their layouts. You can retrieve a file to make duplicate stamps at any time. If you prefer, you can modify text and store it as a different file or write it over the old one. When files are no longer needed, you can delete them from memory.

◆ Notes

- You can use the MEMORY key only in the text mode. Once you have stored text files including formats and layouts, you can use the layout memory feature in the auto formats mode. For more information, see "Using the Stored Layout in the Auto Formats Mode" in Chapter 5.
- The text memory can hold up to approximately 2,700 characters for the 100 different text files. If larger and/or styled characters or drawn lines are also stored, less characters can be stored.

Press the CODE + MEMORY key to use the memory feature. The display shows the following screen.

```
SELECT MODE
STORE:REC:DEL
```

Press the ► or ◀ key to choose the memory operation as follows:

Choose	To do
STORE	Store the current text file in memory.
REC	Recall any existing text file from memory.
DEL	Select and delete text files or delete all text files from memory.

To store a text file:

First of all, enter and lay out text in the text mode before storing it with the MEMORY key. When you choose STORE, the display first shows the number of the first unreserved file as follows:

```
STORE  
[ 3]
```

↔ Note

You can store up to 100 text files with file numbers from 0 to 99.

You may press the ▼ or ▲ key until the desired file number appears on the display.

When you press the ↵ key at any unreserved file number, the current text will be stored with the selected file number and you will return to the text mode. You can cancel the operation with the CANCEL key.

If file numbers are already used for existing files, you can view file contents. When you want to view more, press the ► or ◀ key to scroll files horizontally.

```
STORE  
[ 0]ABC
```

When you press the ↵ key at any existing file number, the display asks if you wish to write the current file over the existing file as follows:

```
OVERWRITE?  
[ 0]ABC
```

When you press the ↵ key, the old file is replaced with a new one and you return to the text mode. You can cancel the operation with the CANCEL key.

To recall a text file:

When you choose REC, the display shows a file number, text contents, and frame size as follows:

```
RECALL SIZE:40  
[ 0]ABC
```

◆◆ **Notes**

- The display first shows either number of the file which you most recently accessed or the file of the smallest file number.
- The display can show contents including return and block marks.

Press the ▼ or ▲ key until the file to be recalled appears on the display.

```
RECALL SIZE:40  
[ 1]ABCDEF↵GHI
```

When you want to see more, press the ► or ◀ key to scroll the file horizontally.

```
RECALL SIZE:40  
[ 1]DEF↵GHIJKL
```

When you find the target file on the display, press the ↵ key to recall it into the text mode or cancel the operation with the CANCEL key. If any text is already in the text mode, it will be replaced with the recalled text.

To delete a text file:

When you choose DEL, the display will show a file number, text contents, and frame size as follows:

```
DELETE SIZE:10  
[ 0]DEF
```

- ◆ **Notes**
- The display first shows the number of the file which you most recently accessed or the file of the smallest file number.
 - The display can show contents including return and block marks.

You can delete files in two ways. The first way is to select a file or files to be deleted with the SPACE key and second is to delete all files at once with the CLEAR key.

- When you want to delete a file, press the ▼ or ▲ key until the file to be deleted appears on the display.

```
DELETE SIZE:40  
[ 1]ABCDEFJGHI
```

When you want to see more contents, press the ► or ◀ key to scroll the file horizontally.

```
DELETE SIZE:40  
[ 1]DEFJGHIJKL
```

When you find the file to be deleted, press the SPACE key to highlight it on the display. Pressing the SPACE key again cancels the highlight.

When you want to delete more than one file, use the ▼, ▲, and SPACE keys in the same way to highlight files to be deleted. Scroll through screens with the ▼ or ▲ key to highlight target files and to see which are highlighted. Although all stored files appear on the display, only highlighted files will be deleted.

After you select a file or files to be deleted, press the ↵ key. The display will ask if you choose to delete the selected file or files as follows:

```
OK TO DELETE?  
[ 2 ] MNOPQ ↵ RST
```

❖ **Note**

When you delete a single file, you do not necessarily need to highlight it with the SPACE key. When you see the file on the display, you can delete it just by pressing the ↵ key. When you delete more than one file, however, you need to highlight target files with the SPACE key before pressing the ↵ key.

- When you wish to delete all text files at once, press the CODE key + the CLEAR key at any file number after you have selected DEL in the select mode. The display will ask if you wish to delete all files as follows:

```
OK TO DELETE  
ALL FILES?
```

Whichever way you follow, press the ↵ key to delete the selected file or all files from memory, and then you will return to the text mode. You can cancel the operation with the CANCEL key.

I/F Key for connecting with your Computer

This section describes the basic steps to use the editor software.

•• **Note**

Before you use the editor software on your computer, you will need to install it. For information about the software installation and operation, refer to the User's Guide for the software.

Follow these steps:

1. Make sure that the SC-300PC is connected to your computer with the supplied interface cable.
2. Turn on the SC-300PC.
3. Hold down the CODE key and press the number 6 (I/F) key.

The SC-300PC enters the interface mode, during which it can accept data from the connected computer. The display will show the following message:

```
INTERFACE MODE  
READY
```

•• **Note**

When the SC-300PC is in the interface mode, you cannot operate the keyboard of the SC-300PC. The keys are ignored.

4. Turn on your computer.
5. Start the editor software.
6. Prepare your text, formats, and layout from within the editor software.

For more information about the editor software, refer to the User's Guide for the software.

7. Install the trial printer cassette or a stamp in the SC-300PC and close the side cover completely.

If you choose to use a trial print sheet or a stamp ID label, attach either to the trial printer cassette.

8. Start printing or carving from within the editor software.

•♦ **Note**

It is recommended that you always print using a trial print sheet to check your text and formats before carving a stamp.

While the SC-300PC is receiving data from the computer, the following message appears on the display:

```
INTERFACE MODE
RECEIVING DATA
```

If no error is detected, the SC-300PC starts printing or carving.

```
PRINTING/KEEP
COVER CLOSED.
```

```
CARVING/KEEP
COVER CLOSED.
```

When printing or carving is finished, display shows the following message.

```
REMOVE TRIAL
```

```
REMOVE STAMP
```


9. Remove the trial printer cassette or the stamp.

HEAD RETURNING

When the SC-300PC gets ready to receive data, the display shows the following message.

INTERFACE MODE
READY

10. If necessary, return to step 6 to print other text or carve other stamps.
11. When you finish using the interface mode, press the CANCEL key.

The SC-300PC will exit the interface mode, allowing you to use the keyboard and display to control the SC-300PC.

12. Exit the editor software.
13. When you finish your stamps, turn off the computer first, and then the SC-300PC.

•♦ **Note**

Be sure to first turn off the computer, and then the SC-300PC and other peripherals that are connected to the computer.

In the case SC-300PC “hangs up” (temporarily malfunctions), you will need to re-set the machine by pressing the ON/OFF key while holding down both the CODE key and the R key at the same time.

CAUTION: This process will delete all of the contents of memory area.

Print on a Trial Print Sheet and an ID Label

You may use the PRINT key and the trial printer cassette to print the formatted and laid-out text. Use the trial print sheets to check text, formats and layout; use the stamp ID labels to make identification seals for stamps. This process is called printing. You may practice printing other auto formats with trial print sheets later.

Before proceeding to the next steps, be sure to read "Getting Ready for Printing and Carving" in Chapter 2 to get information about installing and removing the trial printer cassette.

1. Attach a trial print sheet to the trial printer cassette.

You may attach a stamp ID label to make an identification seal as well.

2. Install the trial printer cassette to the SC-300PC.

◆ Notes

- Be sure to close the side cover completely before printing. When it is open, the display will show printing progress but nothing will be printed.
- Once you start printing, you cannot turn the power off with the ON/OFF key or cancel the operation with the CANCEL key until printing is completed.

3. Press the PRINT key.

WORKING
CLOSE COVER

◆ Note

If no cassette or stamp is installed, the display will prompt you to insert the cassette or a stamp. Insert the cassette at this time.

If no error is detected, the SC-300PC starts printing. The message "KEEP COVER CLOSED" will remain on the display until printing is finished.

PRINTING/KEEP
COVER CLOSED

When printing is finished, the display will show the following message.

REMOVE TRIAL

4. Remove the trial printer cassette and trial print sheet.

HEAD RETURNING

Check the text, formats, and layout on the printed sheet.

After printing is finished, you can return to the screen directly before where you started printing or you can proceed to the carving process.

SELECT
CARVE: EDIT

5. If you wish to edit the stamp, choose EDIT with the ► or ◀ key and press the ↵ key.

Carve a Stamp

Be sure to read "Getting Ready for Printing and Carving" in Chapter 2 to get information about installing and removing stamps. Remember the following basic steps to make a stamp:

1. Press the ON/OFF key to turn the power on.
2. Prepare your text, formats, and layout in the text mode or auto formats mode.

You may preview the layout image with the IMAGE key in advance.

3. Install a stamp to the SC-300PC and close the side cover completely.

◆ Notes

- Make sure that the write-protect tab is open.
- Be sure to close the side cover completely before carving. If it is open, the display shows carving progress, however, nothing will be carved.
- Once you start carving, you cannot turn the power off with the ON/OFF key or cancel the operation with the CANCEL key during carving.

4. Press the PRINT key.

The display asks if you want to proceed to the carving process. You may cancel the operation with the CANCEL key or proceed with the \downarrow key.

CARVE STAMP?

5. Press the \downarrow key.

WORKING
CLOSE COVER

◆ Notes

- If no stamp is installed, the display alerts you.
- If you have chosen any frame size with the FRAME SIZE key, the display prompts you to insert the correct size of a stamp before carving. For more information, see “FRAME SIZE Key for Selecting a Stamp Size” in Chapter 4.

If no error is detected, the SC-300PC starts carving the stamp.

CARVING/KEEP
COVER CLOSED

When carving is finished, the display shows the following message.

REMOVE STAMP

6. Remove the stamp.

HEAD RETURNING

After carving is finished, you can return to the last screen where you have started carving.

Congratulations on making your first stamp and mastering all the basic operations. You may advance to the next chapter to learn about formatting or you may turn the power off.

User's Guide

Chapter 5 Advanced Functions

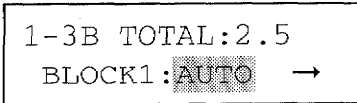
BLOCK LENGTH Key for changing the Block Length

You can change the length of blocks with the BLOCK LENGTH key to the extent of the total length of the frame size. The text will fit the selected block length.

Change the block length as follows:

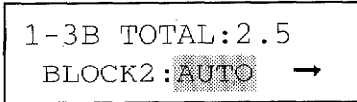
1. Press the CODE key + the BLOCK LENGTH key.

The display will show the length setting of the first block. The following display, for example, indicates that there are three blocks and the total length is 2.5 inches.



2. Press the ► or ◀ key to choose the target block.

The block number will change until the display reaches the last one.



3. Press the ▼ or ▲ key to change the length setting of the selected block.

The setting can change as follows:

Block length	Setting
AUTO	The length of the selected block is automatically set, referring to the frame size, the length of some other blocks, the number of blocks, and text length. (Default setting)
0.1–Total length (1–Total length)	The length of the selected block can be set from 0.1 inch or 1 mm to the total length in 0.1-inch or 1-mm increments.

You can restore the length of a block to the default settings by pressing the SPACE key. Press the CODE key + the SPACE key to restore the lengths of all blocks to the default settings.

•♦ **Notes**

- The setting values appear in the unit of measurement specified by the FRAME SIZE key. For more information, see “FRAME SIZE Key for Selecting a Stamp Size” in Chapter 4.
- If your settings are incorrect, for example all the settings exceed the total length, the error message will appear when previewing, printing, or carving.
- The length of at least one or more blocks on each step of blocks must be set to AUTO.
- If you clear a block of text or you change the number of blocks or the frame size, all block length settings are restored to the default AUTO settings.

4. Press the ↵ key to make the selection active or cancel the operation with the CANCEL key.

Using the Stored Layout in the Auto Formats Mode

Once you have stored text, formats, and layout in the text mode, you can use only the formatted layout in the auto formats mode. The memory feature in the auto formats mode allows you to recall the stored layout for entering new text.

⇒ **Note**

You can use this memory feature only after you store text files including formats and layouts with the **MEMORY** key in the text mode. Be sure to prepare text files in the text mode in advance.

Use the stored formats and layout as follows:

1. Press the **AUTO FORMATS** key.

AUTO FORMATS

If you have entered text into the text memory, the display will prompt you to clear the memory. Remember that you can cancel the operation at anytime time with the **CANCEL** key.

OK TO CLEAR?

If the text memory is empty and the format settings are all defaults, the display will show no alerts. Skip the next step.

2. Press the **↓** key to clear the text memory.

The display will show the following message.

SELECT
PRE-SET: MEMORY

In this session, be sure to choose **MEMORY**. For **PRE-SET**, see “**AUTO FORMATS Key**” in Chapter 4.

3. Choose MEMORY with the ► or ◀ key and press the ↵ key.

The display will show a file number, text contents, and frame size as follows:

```
RECALL SIZE:40  
[ 0]ABC
```

- Notes
- The display will first show the file which you most recently accessed or the file of the smallest file number.
- The display can show contents, including return and block marks.

4. Press the ▼ or ▲ key until the file to be recalled appears on the display.

```
RECALL SIZE:40  
[ 1]ABCDEF↵GHI
```

5. When you want to see more contents, press the ► or ◀ key to scroll the file horizontally.

```
RECALL SIZE:40  
[ 1]DEF↵GHIJKL
```

You can preview the layout image with the IMAGE key. After you preview the image, cancel the image preview mode to advance to the next step.

6. When you locate the target file, press the ↵ key to recall it in the auto formats mode.

You can enter new text line by line into the recalled layout. Because your stored text will appear as a prompt, it may help you to enter similar, but not identical, text.

```
1:ABCDEF  
1:↵
```

7. Type the new text at the prompt.

The prompt lines will change as you type in different text. Be sure to type appropriate text at each prompt.

◆ Notes

- When you press the SHIFT key + ▼ key, the current prompt item will be copied to the lower text line. When you press the CODE key + ▼ key, prompt items are copied to empty text lines. These keys are useful when you wish to enter the same text as before.
- You cannot scroll the prompt line horizontally with the ► or ◀ key.

8. Change lines with the ▼ or ↵ key and enter text at all prompts.

```
1: LMNOPO  
2: ↵
```

You can return to the previous lines with the ▲ key to change your information.

If you have entered all text in order, the following message will appear on the display to prompt you to press the PRINT key.

```
PRESS PRINT
```

9. Insert the trial printer cassette or a stamp.

10. Press the PRINT key to print or carve your text using the recalled formats and layout.

After printing or carving, you can finish working with the memory feature in the auto formats mode.

11. Press the AUTO FORMATS or CANCEL key.

```
OK TO FINISH?  
FINISH: SWITCH
```

12. Choose FINISH or SWITCH with the ► or ◀ key and press the ↵ key.

Choose	To do
FINISH	Exit the auto formats mode and return to the text mode with all text and layout cleared.
SWITCH	Copy all the current text and layout to the text mode memory and exit the auto formats mode. You can change the text and layout in the text mode.

Chapter 6 Troubleshooting

Resetting the SC-300PC

If a problem occurs, you might be able to clear it depending on the display message. For error messages, see the next section.

If absolutely required, reset the SC-300PC as follows:

⇒ **Note**

Warning: when the SC-300PC is reset, it is initialized so that all text is cleared from memory and all of the format settings will be restored to the default settings.

1. Turn the power off.
2. Hold down the CODE key + the R key and turn the power on, and the SC-300PC will initialize to the following status:

Item	Default settings
FRAME SIZE	40
VERTICAL	OFF
BLOCK LENGTH	AUTO
LINE DRAWING	NONE
ORNAMENT FRAME	NONE
SIZE	AUTO
WIDTH	MEDIUM
STYLE	NORMAL
ITALIC	OFF
FONT	HELSINKI
ALIGNMENT	CENTER
CAPS	OFF
MEMORY (Text memory)	Cleared
Text buffer	Cleared

If you cannot clear the problem by resetting, consult your dealer or the authorized service depot in your area. For more information, see the Brother Authorized Service Center Booklet that comes with this SC-300PC.

Clearing Error Messages

If your SC-300PC has any problems, the display will show you a corresponding error message. Find the error message in the following list and take the appropriate action to fix the machine.

If you cannot clear the problem by resetting, consult your dealer or the authorized service depot in your area. For more information, see the Brother Authorized Service Center Booklet that comes with this SC-300PC.

Error message	Meaning	Action
4 STEP LIMIT!	You cannot create more than four steps or vertical blocks.	Delete unnecessary blocks to add new blocks. You can only create up to four steps or vertical blocks.
6 BLOCK LIMIT!	You cannot create more than six blocks.	Delete unnecessary blocks to add new blocks. You can create up to six horizontal and vertical blocks together.
9 LINE LIMIT!	You cannot enter more than nine lines of text in the text mode.	Delete unnecessary lines to add new lines.
	You cannot create vertical blocks such that the frame (all steps) contains more than nine lines of text in total.	Delete unnecessary lines to create new vertical blocks.
	You cannot delete block marks so that a block contains more than nine lines of text.	Delete unnecessary lines and then delete block marks.
BATTERIES WEAK	The installed batteries became weak during printing or carving.	Turn the power off after printing or carving. Replace old batteries with new ones within five minutes. Be sure to replace all batteries at once. You may use the AC adapter to maintain memory while changing batteries or as a source of power.

Error message	Meaning	Action
BUFFER EMPTY!	You cannot store a file because there is no text in the text mode.	Enter text before storing it.
	You cannot print text or carve a stamp because nothing has been entered in the text mode.	Enter text before printing text or carving stamps.
BUFFER FULL!	<p>Because the buffer or the working memory area is full:</p> <ul style="list-style-type: none"> • You cannot enter characters and spaces in the text mode. • You cannot create a new line in the text mode. • You cannot create a new horizontal or vertical block in the text mode. • You cannot enter a symbol. • You cannot enter characters and spaces in the auto formats mode. 	Delete unnecessary parts of text to add more.
CAN'T DO HERE!	<p>You cannot perform an operation such as:</p> <ul style="list-style-type: none"> • Previewing the image. • Changing lines of auto formats. 	Do not attempt to perform the impossible operation.
DATA TOO LONG!	The length of all blocks altogether exceeds the total block length.	Check the total size on the display and make the length of any block shorter with the BLOCK LENGTH key.

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Error message	Meaning	Action
EXCEEDS BLOCK!	You cannot preview a layout image because there are too many characters or the fonts are too big to fit the current block length.	Make the block length longer with the BLOCK LENGTH key, delete unnecessary characters with the BS key, or make the font smaller with the SIZE key before previewing the layout image.
	You cannot print text or carve a stamp because there are too many characters or the font that is too big to fit the current block length.	Make the block length longer with the BLOCK LENGTH key before printing text or carving stamps, or print text or carve a stamp in which characters or fonts can fit the current block size.
FEW CHAR. LEFT	There is space for few characters left at the prompt in the auto formats mode.	Be careful not to make text too long.
INSERT STAMP!	You cannot carve a stamp because a stamp is not installed or the trial printer cassette is installed.	Insert a stamp before attempting to carve it.
INSERT STAMP OR TRIAL CASS.	You cannot print text or carve a stamp because a stamp or the trial printer cassette is not inserted.	Insert a stamp or the trial printer cassette.
INSERT STAMP SIZE 40!	You cannot carve a stamp because text fits a size 40 stamp but the inserted stamp is small.	Insert a size 40 stamp.
INSERT STAMP SIZE 40 OR 30!	You cannot carve a stamp because the text fits a size 30 or 40 stamp and the inserted stamp is too small.	Insert a size 30 or 40 stamp.
INSERT STAMP SIZE 40 OR 35!	You cannot carve a stamp because the text fits a size 35 or 40 stamp and the inserted stamp is too small.	Insert a size 35 or 40 stamp.

Error message	Meaning	Action
INSERT STAMP SIZE 40 OR 35 OR 30	You cannot carve a stamp because the text fits a size 30, 35, or 40 stamp and the inserted stamp is too small.	Insert a size 30, 35 or 40 stamp.
INSERT TRIAL!	You cannot print text because the trial printer cassette is not installed.	Insert the trial printer cassette with a trial print sheet or a stamp ID label before printing text.
INTERFACE MODE ERROR!	You cannot use the interface mode because of a memory error or a communication error.	Press any key except CODE, SHIFT, ALT, and CAPS keys.
MEMORY FULL!	You cannot store or overwrite a text file because the memory is full.	Delete unnecessary text files before storing others.
NO TEXT FILES!	You cannot recall or delete a text file because no text files are stored in memory.	You must store text files before recalling or deleting text files.
	You cannot recall formats and layout in the auto formats mode because no text files are stored in memory.	You must store text files in the text mode before recalling formats and layouts in the auto formats mode.
RAM DOWN!	Random access memory (RAM) failure after turning the power on.	Reset the machine or consult the service representative.
REMOVE STAMP!	A stamp is already installed while the power is being turned on.	Remove the stamp.
REMOVE TRIAL!	The trial printer cassette is already installed while the power is being turned on.	Remove the cassette.
REPLACE BATTERIES!	<ul style="list-style-type: none"> • You cannot print text or carve a stamp because of empty batteries. • The installed batteries became empty during printing or carving. 	Turn the power off soon after printing or carving. Replace the old batteries with new ones within five minutes. Be sure to replace all batteries at a time. You may use the AC adapter.

Error message	Meaning	Action
ROM DOWN!	Read only memory (ROM) failure while the power is being turned on.	Reset the machine or consult the service representative.
SYSTEM ERROR!	System error while the power is being turned on.	Reset the machine or consult the service representative.
TEXT TOO HIGH!	You cannot preview the layout image because there are too many lines or steps, or the fonts are too big to fit the current frame size.	Make the frame size bigger with the FRAME SIZE key or delete unnecessary lines or steps with the BS or CLEAR key, or make fonts smaller with the SIZE key before previewing the layout image.
	You cannot print text or carve a stamp because there are too many lines or steps, or the fonts are too big to fit the current frame size.	Make the frame size bigger with the FRAME SIZE key or delete unnecessary lines or steps with the BS or CLEAR key, or make fonts smaller with the SIZE key before printing text or carving stamps.
TEXT TOO LONG!	You cannot preview the layout image because there are too many characters or the fonts are too big to fit the current frame size.	Delete unnecessary characters with the BS key or make fonts smaller with the SIZE key before previewing the layout image.
	You cannot print text or carve a stamp because there are too many characters or the fonts are too big to fit the current frame size.	Delete unnecessary characters with the BS key or make fonts smaller with the SIZE key before printing text or carving stamps.
TH. HEAD ERROR	The thermal head did not return to its home position while turning the power on or after removing a stamp or cassette.	Turn the power off and on again, reset the machine, or consult a service representative.

Error message	Meaning	Action
TOO MANY LINES	You cannot preview the layout image because there are too many lines to fit the current frame size.	Make the frame size bigger with the FRAME SIZE key or delete unnecessary lines with the BS or CLEAR key before previewing the layout image.
	You cannot print text or carve a stamp because there are too many lines to fit the current frame size.	Make the frame size bigger with the FRAME SIZE key or delete unnecessary lines with the BS or CLEAR key before printing text or carving stamps.
WRONG ADAPTER!	You are using the wrong AC adapter.	Be sure to use the enclosed AC adapter.

Troubleshooting your Problem

If you have a problem and you do not see an error message on the display, find your problem in the following list and take the appropriate action to correct it.

If you cannot clear the problem by resetting, consult your dealer or the authorized service depot in your area. For more information, refer to the Brother Authorized Service Center Booklet that comes with this SC-300PC.

Problem	Cause	Action
Even if you press the ON/OFF key, nothing appears on the display.	Batteries are not installed.	Install batteries.
	Batteries are installed in the wrong direction.	Install batteries correctly referring to the direction marks indicated inside the battery case.
	Batteries are completely empty.	Replace old batteries with new ones. Be sure to replace all batteries at a time. You may use the AC adapter as a source of power.
	The AC adapter is disconnected.	Plug in the AC adapter correctly.
The stored text is cleared from memory.	The SC-300PC is left with batteries removed or empty batteries installed.	You cannot recover the cleared text. Install batteries and store text again.
	Power is not supplied while replacing batteries.	Turn the power off. Install new batteries within five minutes after removing old ones unless power is supplied via the AC adapter. You cannot recover the cleared text. Store it again.
	Although the AC adapter is connected to the SC-300PC, it is not plugged into the AC outlet for five minutes or more.	You cannot recover the cleared text. Plug in the AC adapter and store text again.

Problem	Cause	Action
The trial printer cassette or a stamp cannot be inserted.	The inserting direction is wrong.	Insert the cassette or stamp in the correct direction.
	The cover of the trial printer cassette is not closed.	Close the cassette cover completely before inserting the cassette.
	The message pad is covered.	Remove the cover of the message pad before inserting the stamp.
	The write-protect tab of the stamp is in its original position.	Do not use the protected stamp or move the tab before inserting the stamp.
Nothing is printed or carved.	A trial print sheet or stamp ID label is not attached to the trial printer cassette or it is installed in the wrong direction.	Attach a trial print sheet or stamp ID label to the trial printer cassette correctly before printing.
	The message pad is not attached to the holder.	Attach the message pad to the holder. Try carving a stamp again.
	The side cover is open during printing or carving.	Close the side cover completely and try printing or carving again.
	The AC adapter is connected immediately after the battery error message appears on the display.	Be sure to turn the power off first and plug in the AC adapter. Then turn the power on and try printing or carving again.
Parts of the printed or carved text disappear halfway.	The side cover was opened during printing or carving.	Try printing or carving again with a new stamp ID label, trial print sheet, or stamp. Do not use the old one. Do not open the side cover halfway.

Problem	Cause	Action
Text is printed or carved over another.	The printed trial print sheet, the printed stamp ID label, or the carved stamp is used twice.	<ul style="list-style-type: none"> • Use an unprinted area of the trial print sheet. For sizes 10 and 30, the sheet can be used twice. Reverse the installing direction. • Use a stamp only once. • Stamp ID labels can be used once or twice, depending upon the size. When the size is 10 or 30, do not attach the label the wrong way for the second time. • If a carved stamp is carved again, be sure to clean the thermal head.
Printing or carving is not clear or the stamp does not print clearly.	The dirty thermal head causes unclear text printouts or stamps.	Printing with the trial printer cassette and trial print sheet can clean the thermal head. If dirt cannot be removed by print cleaning, clean the head with a clean, soft cloth or swab. For cleaning the thermal head, see Fig. 2-3 in Chapter 2.
	The pad surface is dirty.	Stamp several times (ten or more) until the pad surface becomes clean. Do not wipe the pad surface with paper or cloth.
	The pad surface is damaged.	The damaged pad cannot be used. Make another stamp.
	The stamp is used on an uneven surface.	Stamp on a flat surface.
	The stamp is stored incorrectly.	Always keep the stamp upright or with the covered pad face down when not using it.

Continued on the next page

Problem	Cause	Action
Printing or carving is not clear or the stamp does not print clearly.	The stamp has been used 2,000 times or more.	Ink is insufficient. Make another stamp. Do not refill ink.
The stamp ink has not dried or fixed clearly on a surface.	Stamp quality is subject to surfaces or materials. A smooth or chemical-treated surface is not suitable for stamps.	Paper absorbs stamp ink. Use plain paper for stamps. Try stamping on the surface before actually using the stamp.

User's Guide

Appendix Specifications

Hardware

Keyboard	QWERTY 62 keys
Display	Liquid crystal display 14 characters x 2 lines with 14 guidance indications
Printing or carving	Thermal printing or perforating at 180 dots-per-inch resolution at a speed of 2.9 mm/second.
Printing speed	Size 40 & 30: 29 seconds Size 10: 15 seconds
Carving speed	Size 40 & 30: 30 seconds Size 10: 16 seconds
Memory	
RAM	32 Kbytes
Input buffer	40 bytes, 10 characters
Text buffer	512 bytes (plus 150 bytes for italics), about 255 characters
Power	
Supply	AC adapter (7.0 V, 1.2 A) or 6, size C, dry-cell, manganese or alkaline batteries
Consumption	9 W
Interface	RS-232C serial (8-pin)
Dimensions WxDxH	8.66 x 8.39 x 3.01 inches (220 x 213 x 76.5 mm)
Weight	2.16 lb. (0.98 kg) without AC adapter, batteries, cassette, and stamp
Stamps and labels	Black or red, 4 sizes of stamps available
Size 10	1-1/4 x 3/8 in. (30 x 9 mm)
Size 30	2-3/4 x 3/8 in. (70 x 9 mm)
Size 35	2 x 3/4 in. (50 x 18 mm)
Size 40	2-3/4 x 1-1/8 in. (70 x 27 mm)
	<ul style="list-style-type: none"> • Back-adhesive thermal labels can be put on stamps as indication seals. • Stamps can be used up to 2,000 times.
Trial printer cassette and trial print sheets	The cassette can hold thermal trial print sheets or stamp ID labels.

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Environment	Temperature	Humidity
Operating	10–35°C	20–80% (without condensation)
Storage (Pack)	-10–45°C	20–80% (without condensation)

Software

Typing modes

Text mode	Enter text and format it freely.
Auto formats mode	Use pre-set layouts or recall stored formats and layouts.

Text typing

Alphanumeric characters, spaces, international characters, and symbols

- Although up to 9 lines can be entered within a single block, the maximum number of lines is subject to format settings such as frame size and font size.

Line formats

Font	Helsinki, Brussels, or Istanbul
Size	Auto, 6, 10, 13, 19, 26, or 38 points
Width	Medium, narrow, or wide
Style	Normal, bold, outline or shadow
Italic	On or off
Alignment	Center, left, justify, or right

Frame formats

Orientation	Horizontal or vertical frame
Frame size	Size 10, 30, 35, 40 (Same as stamps and labels), or free size <ul style="list-style-type: none">• The unit of measurement can be changed between millimeters and inches.
Block	Up to 6 horizontal and vertical blocks <ul style="list-style-type: none">• Although up to 6 horizontal and vertical blocks or up to 4 steps can be created in a single frame, the maximum number of blocks or steps is subject to format settings such as frame size and font size.• The block length can be set automatically or freely from 0.1 inch or 1 mm to the total length in 0.1-inch or 1-mm increment.
Line drawing	None, border (solid or dot), block (solid or dot), line (solid or dot), circle, double, thinking, saying, house, cake, or waiter <ul style="list-style-type: none">• Lines can be also changed in the image preview mode.

Other useful features Memory, adjustment of display contrast, text clear, image preview, reset, auto power off only when using batteries, and self-test while turning the power on

PC Control Software

Printing Bit image only

Buffer

Print* Approximately 12 Kbytes (normal)

Reception** 512 bytes

* The print buffer stores the print image that is printed by the thermal head.

** The reception buffer stores received data temporarily until it is sent to the print buffer.

Transmission control

Baud rate 9600 (fixed); data reception at 9600 bps

Busy output DTR

Length 8 bits (fixed)

Parity none (fixed)

Commands

Control codes CR Carriage return

LF Line feed

FF Print command

CTRL-Z Same as FF

ETX Same as FF

Escape sequences ESC J Line feed

ESC \$ Absolute position assignment

ESC \ Relative position assignment

ESC * Bit image selection

ESC @ Initialization

ESC i S Status request

ESC i C Stamp ID label size information

• For more information, see “Control codes” and “Escape sequences” later in this chapter.

Others Stamp size/trial printer cassette detection

Interface Connector

The SC-300PC has the following RS-232C serial interface connector that connects to a computer:

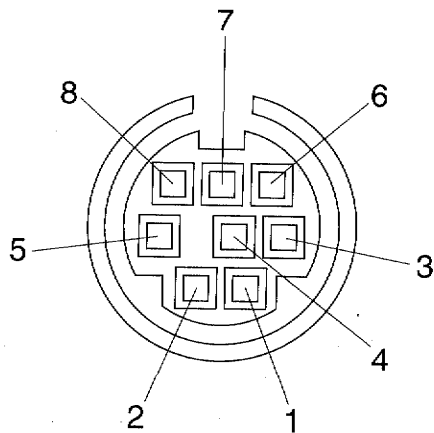


Fig. A-1 Interface Connector

For SC-300PC
Type

MINI-DIN 8 pins

Pin	1	2	3	4	5	6	7	8
	DTR	DSR	TXD	GND	RXD	Not connected	Not connected	RTS
	Data terminal ready	Data set ready	Transmission data	Signal earth	Reception data			Transmission request
	(Output)	(Input) ignored	(Output)		(Input)			(Output) always on

Transmission Controls

- Busy** ON if one of the following is ON:
1. Buffer busy
ON if the remaining data area in the reception buffer is 256 bytes or less
OFF if the remaining space in the reception buffer is 384 bytes or more
 2. Printer busy
ON during printing
OFF when not printing
- Busy output**
1. Entering busy condition:
Turns off DTR and requests to stop data transmission.
 2. Exiting busy condition:
Turns on DTR and allows data transmission.

Control Codes

Name	Function	Hex code	Description
CR	Carriage return	0D	Moves to the beginning of the same line.
LF	Line feed	0A	Feeds line by 24 dots; the position does not move to the beginning of the next line. When the print buffer is empty, it is invalid.
FF	Print command	0C	Prints the buffer data. When the print buffer is empty, it is invalid.
CTRL-Z	Print command	1A	Same as FF
ETX	Print command	03	Same as FF

Escape Sequences

Sequence	Function	Description
ESC J n	Line feed	Feeds line by 24 dots; the position does not move to the beginning of the next line. When the print buffer is empty, it is invalid.
ESC \$ n1 n2	Absolute position assignment	Moves n/60 inches from the beginning of the current line: $n = n1 + 256 \times n2$ $0 \leq n1 \leq 255, 0 \leq n2 \leq 2$ If the destination is not inside the frame, an error occurs.
ESC \ n1 n2	Relative position assignment	Moves n/60 inches forward or (65536 n)/60 inches backward from the current position: $n = n1 + 256 \times n2$ $0 \leq n1 \leq 255, 0 \leq n2 \leq 2$ If the destination is not inside the frame, an error occurs.
ESC * m n1 n2 <i>data bytes</i>	Bit image selection	Prints a bit image. m is always 39; if it has any other value, this command is ignored. n1 and n2 specify the total number of columns to print the bit image: $\text{Total columns} = n1 + 256 \times n2$ $0 \leq n1 \leq 255, 0 \leq n2 \leq 2$ <i>data bytes</i> are the bit image pattern and $(n1 + 256 \times n2) \times 3$ bytes are required to print 24-dot bit image. If the bit image exceeds the frame, an error occurs.
ESC @	Initialization	Clears all data in the print buffer.
ESC i S	Status request	Requests the status information about the SC-300PC. The SC-300PC will send it in response to this command.
ESC i C n1 n2	Stamp ID label size information	Sends information about the size of a stamp ID label attached to the trial printer cassette: $n1 = \text{Height}, n2 = \text{Width}$ The size is expressed in millimeters. When a stamp is installed, the stamp size is valid and this information is ignored.

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Accessories

Obtain stamps and trial print sheets from your nearest authorized dealer. Brother cannot be held responsible for difficulties caused by the use of unauthorized accessories.

●Supplies

Stock No.	Description	Qty/Pack	Price
PS-S10B	Small Stamp Black Ink (Size 10)	1	\$13.95
PS-S10R	Small Stamp Red Ink (Size 10)	1	\$13.95
PS-S30B	Medium Stamp Black Ink (Size 30)	1	\$21.95
PS-S30R	Medium Stamp Red Ink (Size 30)	1	\$21.95
PS-S35B	Medium Large Stamp Black Ink (Size 35)	1	\$25.95
PS-S35R	Medium Large Stamp Red Ink (Size 35)	1	\$25.95
PS-S40B	Large Stamp Black Ink (Size 40)	1	\$28.95
PS-S40R	Large Stamp Red Ink (Size 40)	1	\$28.95
PS-TP	Trial Print Sheet	30	\$5.95

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