Quick Guide

Simple Input Device

Keypad

Thank you for purchasing our Keypad (simple input device).
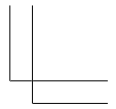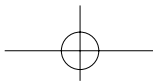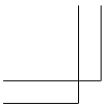Read this manual carefully to understand the functions of the Keypad and ensure proper use.

English

German

Chinese

Korean

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Q02168000

Safety Precautions

In this section, safety precautions about the simple input device operation are explained to ensure proper care and usage. Make sure to read these carefully before using your simple input device.

Markings and Symbols

The following symbols or makings are used in this Quick Guide and on the simple input device so that you can properly use the simple input device, and to prevent any damage to property, harm, or injury to yourself and others. Make sure to read their explanations carefully to familiarize yourself with their meanings.

English

⚠ WARNING	This symbol indicates information that, if ignored or applied incorrectly, creates the danger or death or serious personal injury.
⚠ CAUTION	This symbol indicates information that, if ignored or applied incorrectly, creates the possibility of personal injury or property damage.

Symbol examples

The triangle △ indicates something you should take absolute care with. The cautions are indicated concretely within the symbol. The symbol on the left indicates a risk of electric shock.

A circle with a diagonal line ⊘ indicates something you should not do. The symbol on the left indicates that you should not try to take the unit apart.

A black circle with a picture inside ● indicates something you need to do. The symbol on the left indicates that you should unplug the unit from the wall outlet.

First Edition: February 15, 2008 ©2008 Sato Corporation
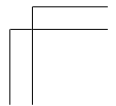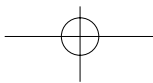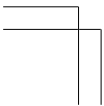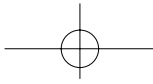
⚠ WARNING

Place the simple input device on a surface that is flat and level

🚫 Do not leave the simple input device on unstable surfaces. If the simple input device falls and hits someone, it could cause injury.

Do not expose the simple input device to liquids or moisture

🚫⚠⚡ Do not place objects filled with liquids, such as beverages, vases, or chemical product near the simple input device. Also, do not place small metal objects near the simple input device. If liquid spills on or a small metal objects enters inside the equipment, immediately turn off the power switch of the connected printer, disconnect the connector of the communication cable from the printer, and contact your nearest dealer or service center or the store where you purchased the simple input device. Continue use of the simple input device in this condition may cause fire or electric shock.

Do not insert foreign material into the simple input device

🚫⚡⚠🔌 Do not insert or drop any metal or flammable objects into the scanner/keyboard connector, SD card slot, and other openings. If a foreign materials has fallen into the simple input device, turn off the power switch of the connected printer immediately, disconnect the connector of the communication cable from the printer, and contact your nearest dealer or service center or the store where you purchased the simple input device. Continue use of the simple input device in this condition may cause fire or electric shock.

Handling of the communication cable

🚫⚡⚠🔥 • Do not attempt to damage, break, or modify the communication cable. Also, avoid placing a heavy object on, heating, or pulling the communication cable. This may damage the communication cable causing fire and electric shock.

• If the communication cable becomes damaged in any way (exposed cable core, breaking of wire), contact your nearest dealer or service center or the

store where you purchased the simple input device. Continue use of damaged communication cable may cause fire or electric shock.

• Do not attempt to modify, jerk, knot, sharply bend, or otherwise abuse the communication cable. Continue use of damaged communication cable may cause fire or electric shock.

In case of drop or damage

🚫⚡🔌 If the simple input device was dropped or damaged, turn off the power switch of the connected printer immediately, disconnect the connector of the communication cable from the printer, and contact your nearest dealer or service center or the store where you purchased the simple input device. Continue use of the simple input device in this condition may cause fire or electric shock.

Do not use the simple input device in abnormal condition

⚡🔥🔌 In the case of abnormalities such as smoke or foul odors from the simple input device, stop using the simple input device immediately. Continue use of the simple input device in this condition may cause fire or electric shock. Turn off the power switch of the connected printer immediately, disconnect the connector of the communication cable from the printer, and contact your nearest dealer or service center or the store where you purchased the simple input device. Do not attempt to repair the simple input device yourself.

Do not disassemble

🚫⚡ Do not attempt to disassemble or modify the simple input device. Fire or electric shock may occur. For service and repair of internal problem, please contact your nearest dealer or service center or the store where you purchased the simple input device for assistant.

Connecting a scanner or keyboard

⚠⚡ Be sure to turn the power of the printer off before connecting a scanner to the simple input device. Connecting the cable while the power remains on may cause electric shock.
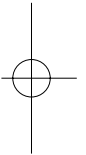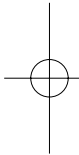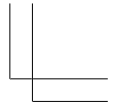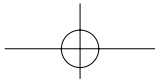
3
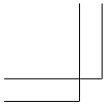
⚠ CAUTION

Do not use in locations with high humidity

Do not place the simple input device in any places where it will be subjected to high humidity or condensation. If condensing, turn off the power switch immediately, stop using it and dry completely without using any heat producing devices. Continued use under these conditions may cause electric shock.

Carrying the simple input device

• Turn off the power of the printer, and then disconnect the communication cable before moving the simple input device to other places. Leaving it connected and moving the simple input device will damage to the cord and connections. This may cause fire or electric shock.

• When placing the simple input device on the floor or the table, be careful not to get your fingers or hands caught in the angle adjustment stand of the simple input device.

Communication cable

• Keep the communication cable out of any appliances that produce heat. This may melt the coating of the communication cable and cause fire or electric shock.

• When disconnecting the communication cable, pull on the connector. If not, it may cause exposure of wire, breaking of wire, overheating, fire or electric shock.

When unused for long periods of time

Disconnect the connector of the communication cable from the printer when unused for long periods of time.

Maintenance and cleaning

Disconnect the connector of the communication cable from the printer when maintaining or cleaning the simple input device.

Handling of the SD card

• Do not drop or bend the card, or otherwise subject it to a strong impact. The stored data may be lost.

• Do not get water on the card. The stored data may be lost.

• Do not place the card where it will be subject to direct sunlight or next to a heating appliance.

• Do not directly touch the contacts or allow dirt or dust to get inside the card. The stored data may be lost.

• Do not store the card in very hot and humid places.

• To protect the card from static electricity, be sure to insert it in its case before transportation or storage.

Notes

1. Reproduction of all or part of this manual is prohibited without permission of the copyright owner.

2. The information in this manual is subject to change without notice.

3. If you find any ambiguous or erroneous information in this manual, please contact your nearest dealer or the place of purchase.
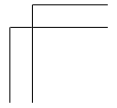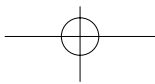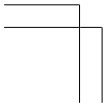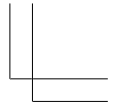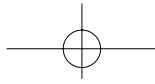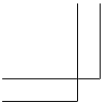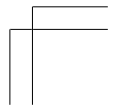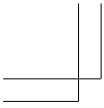
Checking the Accessories

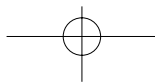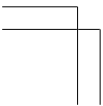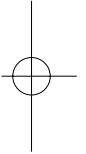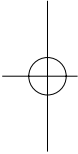The box contains the following accessories in addition to the main unit. Be sure to check that all the accessories are included. If there are any accessories missing, contact the place of purchase or dealer.

• **Quick Guide (this guide)**

English
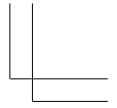
Parts Names

Main unit of simple input device

Communication cable

Display

Function keys

Numeric Keypad

Top

Scanner/keyboard
connector cover

Scanner/keyboard
connector

Underside

Angle adjustment
stand

Communication
cable groove

Scanner/keyboard
cable groove
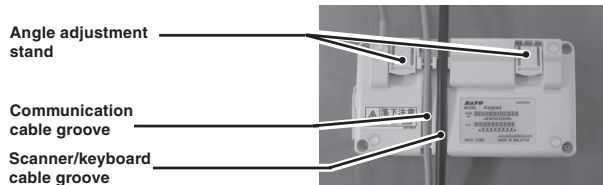
Set the cables in the grooves according to the purpose of use.

6
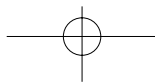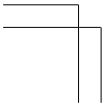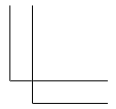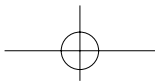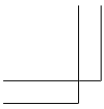
Left side

SD card slot cover ──────────────

SD card slot ──────────────

Handling of the SD card

Inserting

❶ **Open the SD card slot cover.**

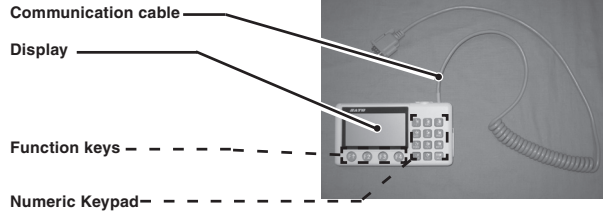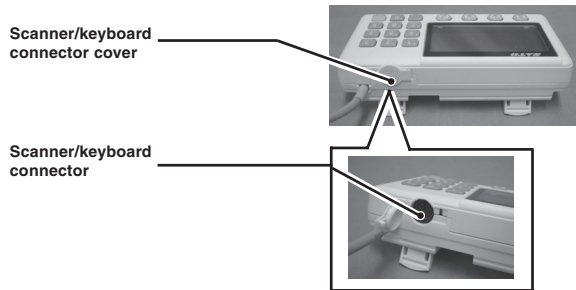❷ **Confirm the top/bottom and insertion orientation of the SD card, and fully insert the SD card all the way.**

❸ **Close the SD card slot cover.**

Ejecting

❶ **Open the SD card slot cover.**

❷ **Push the SD card all the way in and release your finger to eject the SD card slightly, and then pull out the SD card.**

❸ **Close the SD card slot cover.**

⚠ CAUTION

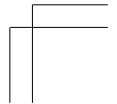Do not insert or eject the SD card while the power of the printer is on. The stored data may be lost. Be sure to turn off the power of the printer before inserting or ejecting the SD card.

7
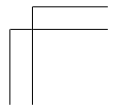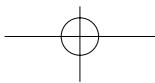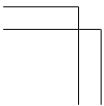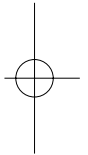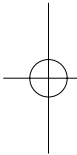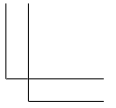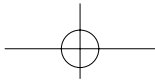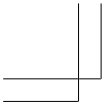
Connecting the Printer

Be sure to turn the power of the printer off before connecting the Keypad (simple input device) to the printer.

Connecting the communication cable

❶ **Confirm the power of the printer is off.**

❷ **Insert the connector of the communication cable of the Keypad into the printer unit.**

Confirm the top and bottom of the connector and insert the connector while holding the printer with one hand, and then tighten the screws.

❸ **Turn on the power switch of the printer.**

Power is supplied to the Keypad from the printer, and then the printer model and firmware version appear on the display.
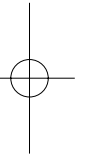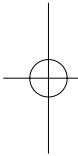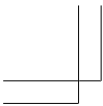
⚠ CAUTION

Be sure to turn off the power of the printer unit before connecting or disconnecting the Keypad. Otherwise the Keypad or printer unit may be damaged.

8
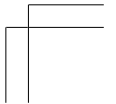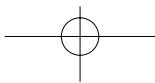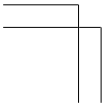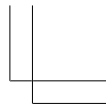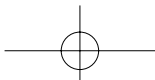
Key Operation

Key assignment
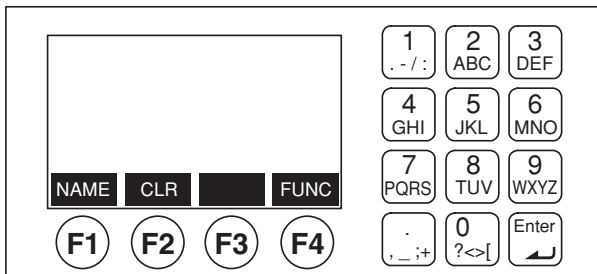
The functions of the F1 to F4 keys differ depending on the screen displayed when the keys are pressed.

Pressing the Enter key confirms entered data.

Possible input characters

Key \ Status	Numeric Input	Uppercase Alphanumeric Input (Lowercase Alphanumeric Input)
.	.	□*1 , _ ; + * £ € $ ¥ \ @ ″ §
0	0	? < > [ ] { } = ^ ' ¡ ¦ 0 ¿
1	1	. - / : ~ ( ) # % & ! 1 ‾
2	2	A B C 2 Ä Å Æ Ç À (a b c 2 ä å æ ç à)
3	3	D E F 3 Ë É È (d e f 3 ë é è)
4	4	G H I 4 Ì (g h i 4 ì)
5	5	J K L 5 (j k l 5)
6	6	M N O 6 Ñ Ö Ø Ò (m n o 6 ñ ö ø ò)
7	7	P Q R S 7 (p q r s 7)
8	8	T U V 8 Ü Ù ß (t u v 8 ü ù ß)
9	9	W X Y Z 9 (w x y x 9)

*1:   □ indicates a single-byte space (character code: 0x20).

9
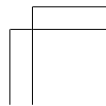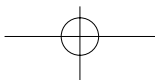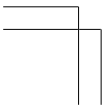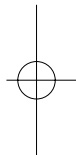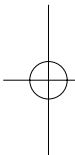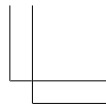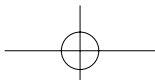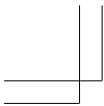
Startup Screen and Format No Input Screen

If you turn on the power, the startup screen appears.

Startup Screen

This screen displays the name of the connected printer.

You can press F1 and F4 to change the LCD brightness. Press any key other than F1 and F4 to transition to Format No Input Screen 1.

```
DR308e

VER:29.01.00.00
 ↓         ↑
```
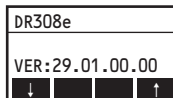
Key	Key Effect
Numeric Keypad	Transitions to Format No Input Screen 1.
Enter	Transitions to Format No Input Screen 1.
F1	Decreases the LCD brightness by 1 step.
F2	Transitions to Format No Input Screen 1.
F3	Transitions to Format No Input Screen 1.
F4	Increases the LCD brightness by 1 step.
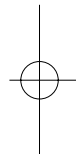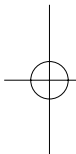
Format No Input Screen 1

Enter the format number for printing.
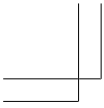
The format data needs to be pre-registered to the unit or SD card.

- Input range: 1 to 9999
- Default input value: Blank
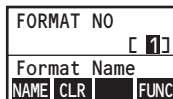
```
FORMAT NO
          [ 1 ]
Format Name
NAME CLR     FUNC
```

Key	Key Effect
Numeric Keypad	Enters the format number.
Enter	Confirms the entered format number.
F1	Displays the format name.
F2	Clears the format number and format name.
F3	-
F4	Transitions to Format No Input Screen 2.

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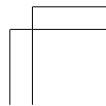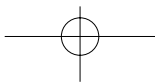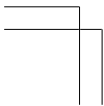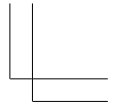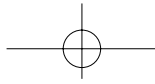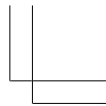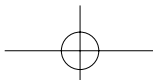
Format No Input Screen 2

This screen allows you to change the settings of this device.

Key	Key Effect
Numeric Keypad	Enters the format number.
Enter	Confirms the entered format number.
F1	Transitions to configuration mode.
F2	-
F3	-
F4	Transitions to Format No Input Screen 1.

```
FORMAT NO
           [ 1 ]
Format Name
CNFG        FUNC
```

English

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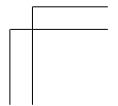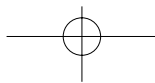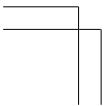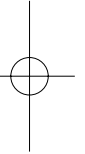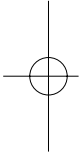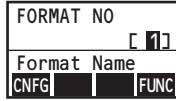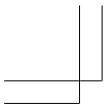
Operation Settings

Structure of configuration mode

```
Configuration mode menu
```

- DEVICE SETTINGS
  - DATE/TIME — Sets whether to change the date and time of the printer unit. *
  - DATE/TIME setting — Sets the date and time of the printer unit. *
  - PRINT MONITER — Sets whether to monitor the status of the printer during printing.
  - MEMORY — Sets the memory for referencing the format data and table data.
  - CURRENCY SELECT — Sets the currency mark on the LCD.
  - LCD BRIGHTNESS — Adjusts the LCD brightness.

- DATA COPY
  - CARD→INTERNAL — Copies the following data from the SD card to the internal memory.
    ① Format data (up to 99)
    ② Table data (up to 4)
    ③ Device setting information
  - INTERNAL→CARD — Copies the following data from the internal memory to the SD card.
    ① Format data (up to 99)
    ② Table data (up to 4)
    ③ Device setting information

- MEMORY CLEAR
  - INTERNAL — Initializes the internal memory. (Clears the registered data.)
  - CARD — Initializes the SD card. (Clears the registered data.)

*   A calendar IC needs to be installed in the printer unit.
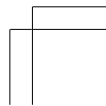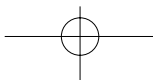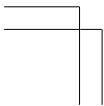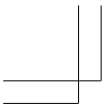
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Configuration mode menu

This allows you to select each of the menu items of configuration mode.

Configuration mode menu

This allows you to select each of the menu items of
configuration mode.

<Menu Items>

1 DEVICE SETTINGS
2 DATA COPY
3 MEMORY CLEAR
The initial value is "DEVICE SETTINGS."
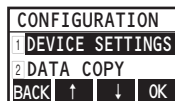
```
CONFIGURATION
1 DEVICE SETTINGS
2 DATA COPY
BACK   ↑    ↓   OK
```

Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to Format No Input Screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.
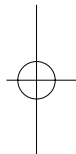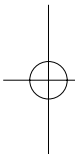
DEVICE SETTINGS

This configures the settings of the device.

DATE/TIME

This selects whether to change the settings of the
calendar IC installed in the printer unit. It is not displayed
if there is no calendar IC in the printer unit.

<Input Range>

1 DO NOT MODIFY
2 MODIFY
The initial value is "DO NOT MODIFY."
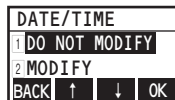
```
DATE/TIME
1 DO NOT MODIFY
2 MODIFY
BACK   ↑    ↓   OK
```

Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to the configuration mode menu screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.

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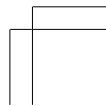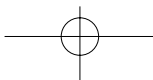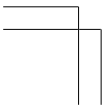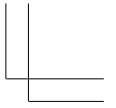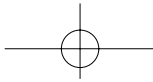
DATE/TIME setting

This screen appears when you select "2 MODIFY" in the DATE/TIME screen. Re-enter the data in the confirmation screen that appears to prevent unintentional operation.

```
DATE/TIME
0 6 /04/01 12:00

BACK  ←   →   OK
```

Key	Key Effect
Numeric Keypad	Enters the date and time.
Enter	Confirms the selected item.
F1	Returns to the DATE/TIME screen.
F2	Moves the cursor left.
F3	Moves the cursor right.
F4	Confirms the selected item.

PRINT MONITER

This monitors the status of the printer during printing. If you set it to "ENABLE," the Keypad waits until tag stock printing is complete and then enters the next data.

```
PRINT MONITOR
1 DISABLE
2 ENABLE
BACK  ↑   ↓   OK
```

<Input Range>

1 DISABLE
2 ENABLE
The initial value is "DISABLE."

Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to the configuration mode menu screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.
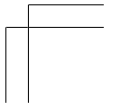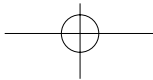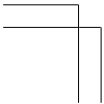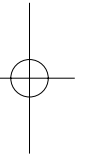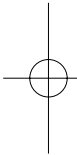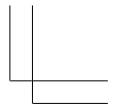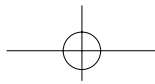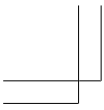
MEMORY

This sets the memory for referencing format numbers 1 to 99 and table numbers 1 to 4. [*1]

<Input Range>

[1] INTERNAL
[2] CARD
The initial value is "INTERNAL."

```
MEMORY
1 INTERNAL
2 CARD
BACK  ↑    ↓   OK
```

Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to the PRINT MONITOR screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.
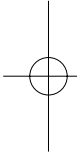
CURRENCY SELECT

This sets the currency mark to display on the LCD.

<Input Range>

[1] to [10] (10 types)
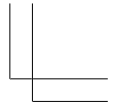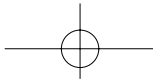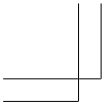
[0] displays the data for registration number 10.

Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to the MEMORY screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.

---
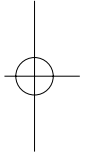
*1: With regards to the data of format numbers 100 to 9999 and table numbers 5 to 99, the data on the SD card is referenced regardless of the setting of the MEMORY screen.

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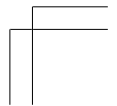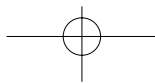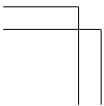
LCD BRIGHTNESS

This sets the LCD brightness.

<Input Range>

1 to 32
The initial value is "16."

```
LCD BRIGHTNESS

                16
BACK   ↓    ↑   OK
```
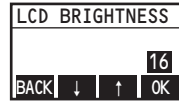
Key	Key Effect
Numeric Keypad	-
Enter	Confirms the selected item.
F1	Returns to the CURRENCY SELECT screen.
F2	Decreases the LCD brightness by 1 step.
F3	Increases the LCD brightness by 1 step.
F4	Confirms the selected item.

DATA COPY

This copies the format data and table data registered in the SD card to the internal memory. You can also copy data already registered in the internal memory to the SD card.

DATA COPY menu

This selects the data to copy.

<Input Range>

[1] CARD→INTERNAL
[2] INTERNAL→CARD
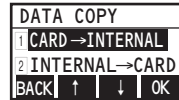
```
DATA COPY
1 CARD→INTERNAL
2 INTERNAL→CARD
BACK   ↑    ↓   OK
```
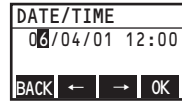
Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to the configuration mode menu screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.
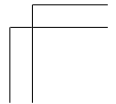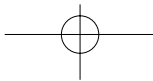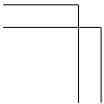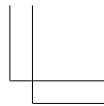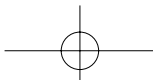
Copying the data from the SD card to the internal memory

You can simultaneously copy all applicable data (format numbers 1 to 99, table numbers 1 to 4, and device setting information in the SD card) to the internal memory.

❶ **Select and confirm "CARD→INTERNAL" in the DATA COPY menu screen.**
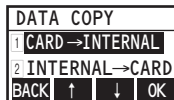
```
DATA COPY
1 CARD →INTERNAL
2 INTERNAL→CARD
BACK   ↑     ↓   OK
```

❷ **Press the Enter or F4 key to start copying.**

If you press the F1 key, the DATA COPY menu screen is redisplayed.

The progress is displayed on the LCD.

```
CARD→INTERNAL
INIT INTERNAL
MEMORY, OK?
BACK            OK
```

❸ **When copying of the data is complete, press the Enter or F4 key to transition to the DATA COPY menu screen.**

```
CARD→INTERNAL
COPY COMPLETE

              OK
```
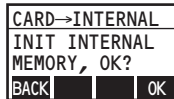
English

Supplementary Explanation

• All of the following data registered in the SD card is copied simultaneously.
   – Format data for format numbers 1 to 99
   – Table data for table numbers 1 to 4
   – Device setting information

• If copying is performed with this operation, all of the format data for 1 to 99 and table data for 1 to 4 that has already been registered is deleted and overwritten with the newly copied data.

• If no data is registered in the SD card, data cannot be copied to the internal memory.

• The size of the internal memory is 296 KB. If you attempt to copy data that exceeds the size of the internal memory, a data size exceeded error occurs and an error message is displayed. If an error message is displayed, check the format data.

• If a data size exceeded error occurs during the copying of format data, the data of the format number up until immediately before the data size was exceeded is copied to the internal memory.

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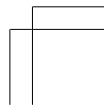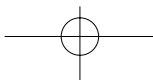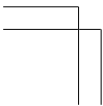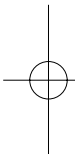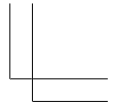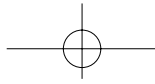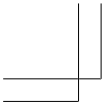
Copying the data from the internal memory to the SD card

You can simultaneously copy all applicable data (format numbers 1 to 99, table numbers 1 to 4, and device setting information in the internal memory) to the SD card.

❶ **Select and confirm "INTERNAL→CARD" in the DATA COPY menu screen.**

```
DATA COPY
1 CARD→INTERNAL
2 INTERNAL→CARD
BACK  ↑  ↓  OK
```

❷ **Press the Enter or F4 key to start copying.**

If you press the F1 key, the DATA COPY menu screen is redisplayed. The progress is displayed on the LCD.

```
INTERNAL→CARD
INIT SD CARD
OK?
BACK      OK
```

❸ **When copying of the data is complete, press the Enter or F4 key to transition to the DATA COPY menu screen.**

```
INTERNAL→CARD
COPY COMPLETE

      OK
```

Supplementary Explanation

• If no data is registered in the internal memory, data cannot be copied to the SD card.

• If the SD card has not been initialized or the directory structure is incorrect, an error message is displayed. Copy the data after initializing the SD card.
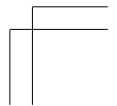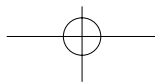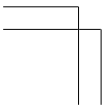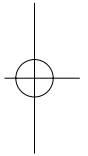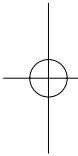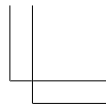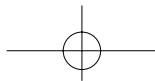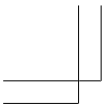
MEMORY CLEAR

This initializes the format data and table data registered to the internal memory. Also, if initializing of the SD card is selected, the SD card is initialized and the directory structure for the device is created.

MEMORY CLEAR menu

This initializes the selected item.

Initializing clears all of the data registered to the internal memory or SD card.

<Input Range>

1 INTERNAL
2 CARD

```
MEMORY CLEAR
1 INTERNAL
2 CARD
BACK   ↑    ↓   OK
```

Key	Key Effect
Numeric Keypad	Selects and confirms an item.
Enter	Confirms the selected item.
F1	Returns to the configuration mode menu screen.
F2	Moves the cursor up.
F3	Moves the cursor down.
F4	Confirms the selected item.
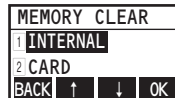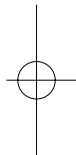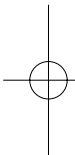
Initializing

❶ **Select the memory to initialize in the MEMORY CLEAR menu screen.**

❷ **Press the Enter or F4 key to start copying.**

The "INTERNAL" or "CARD" memory item that was selected in Step 1 is displayed for "INTERNAL" on the first line.

If you press the F1 key, initializing is not performed and the DATA COPY menu screen is redisplayed.

The progress is displayed on the LCD.

```
INTERNAL
START CLEARING?

BACK        OK
```
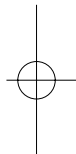
❸ **When initializing is complete, press the Enter or F4 key to transition to the MEMORY CLEAR menu screen.**

```
INTERNAL
MEMORY CLEAR
COMPLETE
            OK
```
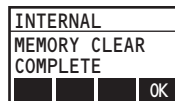
Supplementary Explanation

• Initializing the internal memory does not initialize the settings of this device.

• If the SD card is initialized, all of the registered data is deleted.

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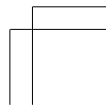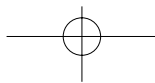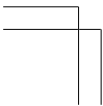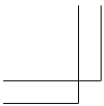
Numeric input mode

This enters numbers in accordance with the input conditions set with Keypad Tool.

Numeric Input 1

This enters numbers in accordance with the input conditions set with Keypad Tool.

<Input Range>

Maximum of 99 digits
(14 digits can be displayed. If there are more than 15, the other digits can be displayed by scrolling.)

```
Format Name
Input Data Name
[■            ]
NUM  CLR   →  FUNC
```

Key	Key Effect
Numeric Keypad	Enters numbers.
Enter	Confirms the entered data.
F1	Transitions to uppercase alphanumeric input mode.
F2	Clears the entered data.
F3	Moves the cursor one place to the right.
F4	Transitions to Numeric Input 2.
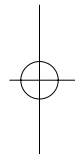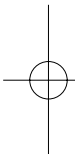
Numeric Input 2

This is for editing and modifying entered data.

You can move the cursor and then enter a number to overwrite the character. You can also return to the previous input item.

```
Format Name
Input Data Name
[■            ]
BACK  ←   →  FUNC
```

Key	Key Effect
Numeric Keypad	Enters numbers.
Enter	Confirms the entered data.
F1	Returns to the previous screen.
F2	Moves the cursor one place to the left.
F3	Moves the cursor one place to the right.
F4	Transitions to Numeric Input 3.

Numeric Input 3

You can return to Format No Input Screen 1.

You can also delete one character.

```
Format Name
Input Data Name
[█          ]
 FNo  DEL   →  FUNC
```

Key	Key Effect
Numeric Keypad	Enters numbers.
Enter	Confirms the entered data.
F1	Returns to Format No Input Screen 1.
F2	Deletes the character at the cursor position.
F3	Moves the cursor one place to the right.
F4	Transitions to Numeric Input 1.

Supplementary Explanation

- The selected format name is displayed as the format name on the LCD.
- The item name set with Keypad Tool is displayed as the data item name on the LCD.

Alphanumeric input mode

This enters alphanumeric characters and symbols in accordance with the input rules of the specified input command.

Uppercase Alphanumeric Input 1

This enters uppercase alphanumeric characters in accordance with the input conditions set with Keypad Tool.

<Input Range>

Maximum of 99 digits
(14 digits can be displayed. If there are more than 15, the other digits can be displayed by scrolling.)

```
Format Name
Input Data Name
[█          ]
  A   CLR   →  FUNC
```

Key	Key Effect
Numeric Keypad	Enters alphanumeric characters and symbols.
Enter	Confirms the entered data.
F1	Transitions to lowercase alphanumeric input mode.
F2	Clears the entered data.
F3	Moves the cursor one place to the right.
F4	Transitions to Uppercase Alphanumeric Input 2.

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Uppercase Alphanumeric Input 2

This is for editing and modifying entered data.

You can move the cursor and then enter an alphanumeric character to overwrite the character. You can also return to the previous input item.

```
Format Name
Input Data Name
[█          ]
BACK  ←   →  FUNC
```

Key	Key Effect
Numeric Keypad	Enters alphanumeric characters and symbols.
Enter	Confirms the entered data.
F1	Returns to the previous screen.
F2	Moves the cursor one place to the left.
F3	Moves the cursor one place to the right.
F4	Transitions to Uppercase Alphanumeric Input 3.

Uppercase Alphanumeric Input 3

You can return to Format No Input Screen 1.

You can also delete one character.

```
Format Name
Input Data Name
[█          ]
FNo  DEL   →  FUNC
```

Key	Key Effect
Numeric Keypad	Enters alphanumeric characters and symbols.
Enter	Confirms the entered data.
F1	Returns to Format No Input Screen 1.
F2	Deletes the character at the cursor position.
F3	Moves the cursor one place to the right.
F4	Transitions to Uppercase Alphanumeric Input 1.

Lowercase Alphanumeric Input 1

This enters lowercase alphanumeric characters in accordance with the input conditions set with Keypad Tool.
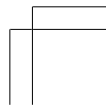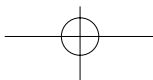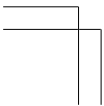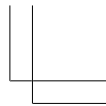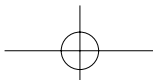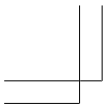
<Input Range>

Maximum of 99 digits
(14 digits can be displayed. If there are more than 15, the other digits can be displayed by scrolling.)

```
Format Name
Input Data Name
[■          ]
 a │ CLR │ → │FUNC
```

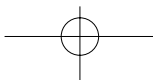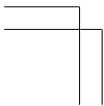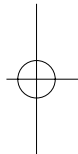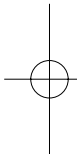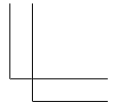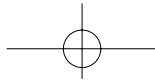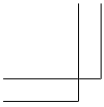| Key	Key Effect
Numeric Keypad	Enters alphanumeric characters and symbols.
Enter	Confirms the entered data.
F1	Transitions to numeric input mode.
F2	Clears the entered data.
F3	Moves the cursor one place to the right.
F4	Transitions to Lowercase Alphanumeric Input 2.

Lowercase Alphanumeric Input 2

This is for editing and modifying entered data.

You can move the cursor and then enter an alphanumeric character to overwrite the character. You can also return to the previous input item.

```
Format Name
Input Data Name
[■          ]
BACK │ ← │ → │FUNC
```

Key	Key Effect
Numeric Keypad	Enters alphanumeric characters and symbols.
Enter	Confirms the entered data.
F1	Returns to the previous screen.
F2	Moves the cursor one place to the left.
F3	Moves the cursor one place to the right.
F4	Transitions to Lowercase Alphanumeric Input 3.

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Uppercase Alphanumeric Input 3

You can return to Format No Input Screen 1.

You can also delete one character.

```
Format Name
Input Data Name
[■          ]
 FNo  DEL  →  FUNC
```

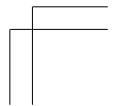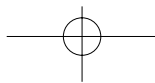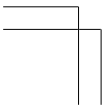| Key	Key Effect
Numeric Keypad	Enters alphanumeric characters and symbols.
Enter	Confirms the entered data.
F1	Returns to Format No Input Screen 1.
F2	Deletes the character at the cursor position.
F3	Moves the cursor one place to the right.
F4	Transitions to Lowercase Alphanumeric Input 1.

Supplementary Explanation

- The selected format name is displayed as the format name on the LCD.
- The item name set with Keypad Tool is displayed as the data item name on the LCD.
- Enter symbols with the [.], [0], and [1] keys.
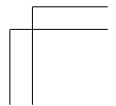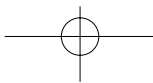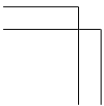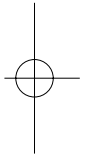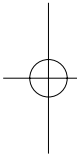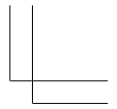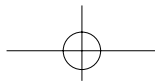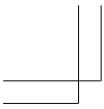
LCD Operation Specifications

If you turn on the power of the printer to which the simple input device is connected, the power of the simple input device turns on.

Basic operation

If the device is started up in normal mode, the screens transition as shown below.

Power ON

```
DR308e

VER:29.01.00.00
 ↓         ↑
```

Format No
Input Screen 1

Press any key other than the F1 and F4 key.

```
FORMAT NO
          [ 1 ]
Format Name
NAME CLR      FUNC
```

Select the format data

Format No
Input Screen 2   FUNC

```
FORMAT NO
          [ 1 ]
Format Name
CNFG          FUNC
```

CNFG

Input Data

```
Format Name
Input Data Name
[ ■          ]  e
NUM CLR  →  FUNC
 CHAR CLR  →  FUNC
```

```
Format Name
Quantity
          [ 1 ]
FNo BACK CLR PRN
```

PRN

PRN

≋

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CNFG

CONFIGURATION
1 DEVICE SETTINGS
2 DATA COPY
BACK ↑ ↓ OK

CONFIGURATION
2 DATA COPY
3 MEMORY CLEAR
BACK ↑ ↓ OK

DEVICE SETTINGS

DATE/TIME
1 DO NOT MODIFY
2 MODIFY
BACK ↑ ↓ OK

MODIFY

DATE/TIME
06/04/01 12:00
BACK ← → OK

OK

DO NOT MODIFY

PRINT MONITOR
1 DISABLE
2 ENABLE
BACK ↑ ↓ OK

OK

DATA COPY

DATA COPY
1 CARD→INTERNAL
2 INTERNAL→CARD
BACK ↑ ↓ OK

MEMORY CLEAR

MEMORY CLEAR
1 INTERNAL
2 CARD
BACK ↑ ↓ OK

MEMORY
1 INTERNAL
2 CARD
BACK ↑ ↓ OK

OK

CURRENCY SELECT
1 DOLLAR $
2 YEN ¥
BACK ↑ ↓ OK

OK

LCD BRIGHTNESS
16
BACK ↑ ↓ OK   OK

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Explanation of Operation

- Enter a registered format number in the Format No Input Screen.

- Carry out display and key input of the input items in accordance with the settings of Keypad Tool specified in the format data.

- Enter all the input items set with Keypad Tool, and then enter the quantity. Press the PRN key (F4) or the Enter key to print.

- To configure the settings of the device, press the configuration key (F1) from the Format No Input Screen 2.

- If PRINT MONITOR was set to "ENABLE," the process waits until printing is complete and then transitions to entering the next data.

English

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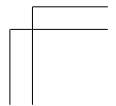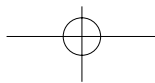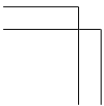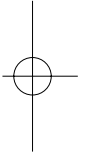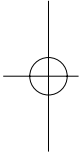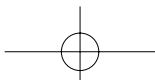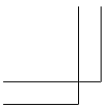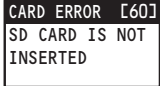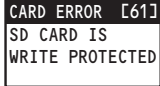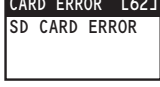
Error Screen

If an error is detected during data input, an error screen appears. The error number is displayed on the top right of the error screen.

This section describes the errors.
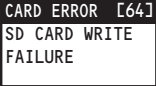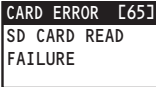
Error No.	Screen	Description
60	CARD ERROR [60] SD CARD IS NOT INSERTED	This is the SD card is not inserted error screen. Cause: The SD card is not inserted in the SD card slot. Solution: Insert the SD card in the SD card slot. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
61	CARD ERROR [61] SD CARD IS WRITE PROTECTED	This is the SD card write protected error screen. Cause: The SD card is in the write protect mode. Solution: Cancel the SD card write protect mode. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
62	CARD ERROR [62] SD CARD ERROR	This is the SD card format error screen. Cause: The SD card format is not supported. Solution: Format the SD card in a supported format (FAT16). Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
63	CARD ERROR [63] DATA SIZE EXCEEDED	This is the SD card data size error screen. Cause: The size of the data registered to the SD card is invalid. Solution: Reduce the volume of format data to registered in the SD card to 150 KB or less. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.

Error No.	Screen	Description
64	CARD ERROR [64] SD CARD WRITE FAILURE	This is the SD card write error screen. Cause: The process of writing to the SD card was failed. Solution: Check the SD card. Eject and insert the SD card. If the error still appears, contact the place of purchase. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
65	CARD ERROR [65] SD CARD READ FAILURE	This is the SD card read error screen. Cause: The data was failed to be read from the SD card. Solution: Check the SD card. Eject and insert the SD card. If the error still appears, contact the place of purchase. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
66	CARD ERROR [66] DATA NOT FOUND IN SD CARD	This is the SD card unregistered error screen. Cause: There is no data registered to the SD card. Solution: Register data to the SD card. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
67	CARD ERROR [67] SD CARD DATA ERROR	This is the SD card data error screen. Cause: The data registered to the SD card is invalid. Solution: Register data to the SD card from Keypad Tool again. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
68	CARD ERROR [68] COMMAND DATA NOT COMPATIBLE	This is the SD card information error screen. Cause: The information data of the SD card does not exist or is invalid. Solution: Register data to the SD card from Keypad Tool again. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.

English

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Error No.	Screen	Description
70	INPUT ERROR [70] 0 INPUT ERROR	This is the 0 input prohibited error screen. Cause: Entering nothing or 0 is prohibited for this item. Solution: Enter any data other than 0. Canceling Error: The input screen is redisplayed after approximately three seconds elapse or any key is pressed.
71	INPUT ERROR [71] NO INPUT ERROR	This is the no input prohibited error screen. Cause: Entering nothing is prohibited for this item. Solution: Enter any data. Canceling Error: The input screen is redisplayed after approximately three seconds elapse or any key is pressed.
72	INPUT ERROR [72] INCOMPLETE FIELD ERROR	This is the input of all digits required error screen. Cause: The number of data input digits is insufficient. Solution: Enter data for all digits of the input item. Canceling Error: The input screen is redisplayed after approximately three seconds elapse or any key is pressed.
74	INPUT ERROR [74] INPUT DATA TYPE/RANGE ERROR	This is the input range error screen. Cause: The input value is out of the valid range. Solution: Enter a value within the valid range. Canceling Error: The input screen is redisplayed after approximately three seconds elapse or any key is pressed.
75	CAL. ERROR [75] CALENDAR IC IS NOT INSTALLED	This is the calendar error screen. Cause: Date input is specified. Solution: Do not specify date input in the format data. Canceling Error: The input screen is redisplayed after approximately three seconds elapse or any key is pressed.

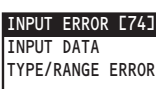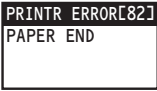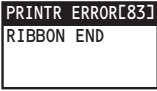| Error No.	Screen	Description
76	FORMAT ERROR[76] FORMAT DATA NOT REGISTERED	This is the format data unregistered error screen. Cause: An unregistered format number is specified. Solution: Specify a registered format number. Canceling Error: The input screen is redisplayed after approximately three seconds elapse or any key is pressed.
77	FORMAT ERROR[77] PARAMETER ERROR	This is the parameter error screen. Cause: The format data is invalid. Solution: Register data to the SD card from Keypad Tool again. Canceling Error: The initial screen is redisplayed after approximately three seconds elapse or any key is pressed.
78	TABLE ERROR [78] TABLE NOT REGISTERED	This is the table unregistered error screen. Cause: The specified table does not exist. Solution: Register the table data to the SD card. Canceling Error: The initial screen is redisplayed after approximately three seconds elapse or any key is pressed.
79	TABLE ERROR [79] REFERENCED DATA DOES NOT EXIST	This is the table data unregistered error screen. Cause: The entered table number is not registered. Solution: Register the entered number to table data or enter a registered table number. Canceling Error: In the case of an error during key input, the input screen is redisplayed after approximately three seconds elapse or any key is pressed. In the case of an error during the referencing of another field, the initial screen is redisplayed after approximately three seconds elapse or any key is pressed.
81	PRINTR ERROR[81] HEAD OPEN	This is the head open error screen. Cause: The head of the printer is open. Solution: Close the head of the printer. Canceling Error: Resolve the printer error to redisplay the previous screen.
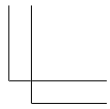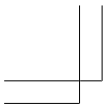
Error No.	Screen	Description
82	PRINTR ERROR[82] PAPER END	This is the paper end error screen. Cause: There is no paper in the printer, or the paper is not set properly. Solution: Check for paper in the printer, and load paper. Canceling Error: Resolve the printer error to redisplay the previous screen.
83	PRINTR ERROR[83] RIBBON END	This is the ribbon end error screen. Cause: There is no ribbon in the printer. Solution: Check for ribbon in the printer, and load ribbon. Canceling Error: Resolve the printer error to redisplay the previous screen.
84	PRINTR ERROR[84] SENSOR ERROR	This is the sensor error screen. Cause: The pitch sensor level of the printer does not match, the setting of the sensor type is incorrect, or paper meander has occurred. Solution: Check for paper in the printer, and load paper properly. Canceling Error: Resolve the printer error to redisplay the previous screen.
85	PRINTR ERROR[85] HEAD ERROR	This is the head error screen. Cause: The thermal head of the printer is disconnected. Solution: Contact the place of purchase. Canceling Error: Resolve the printer error to redisplay the previous screen.
86	PRINTR ERROR[86] CUTTER ERROR	This is the cutter error screen. Cause: There is a paper jam at the cutter of the printer, or the cutter blade did not return to the predetermined position. Solution: Check the cutter, and contact the place of purchase. Canceling Error: Resolve the printer error to redisplay the previous screen.

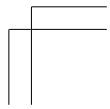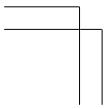| Error No.	Screen	Description
87	PRINTR ERROR[87] CALENDAR ERROR	This is the calendar error screen. Cause: The calendar settings of the printer are set to an invalid date and time. Solution: Check the calendar settings of the printer. Canceling Error: Resolve the printer error to redisplay the previous screen.
80	PRINTR ERROR[80] PLEASE ADJUST THE PRINTER	This is the other printer error screen. Cause: A printer error other than error numbers 81 to 87 has occurred. Solution: Check the printer, and contact the place of purchase. Canceling Error: Resolve the printer error to redisplay the previous screen.
90	DATA ERROR [90] FORMAT DOWNLOAD ERROR	This is the format data error screen. Cause: The target format data was invalid during data registration. Solution: Check that the data does not exceed the size of the internal memory (296 KB), and create the format data again. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
91	DATA ERROR [91] TABLE DOWNLOAD ERROR	This is the table data error screen. Cause: The target table data was invalid during data registration. Solution: Check the table data, and create the table data again. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
92	DATA ERROR [92] SETTINGS DOWNLOAD ERROR	This is the device setting data error screen. Cause: The device setting data was invalid during data registration. Solution: Check the device setting data. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.

Error No.	Screen	Description
93	CAL. ERROR [93] SETTING IS INCORRECT	This is the calendar error screen. Cause: The date and time entered in each of the DATE/TIME screen and confirmation screen did not match. Solution: Set the same date and time in each of the DATE/TIME screen and confirmation screen. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.
94	INPUT ERROR [94] CHECK DIGIT INPUT ERROR	This is the check digit error screen. Cause: An invalid check digit was entered when setting the referencing of the check digit with the input data in barcode input. Solution: Enter the correct check digit. Canceling Error: The previous screen is redisplayed after approximately three seconds elapse or any key is pressed.

English

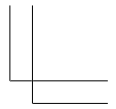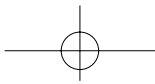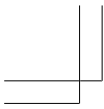34
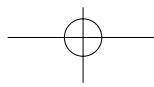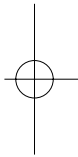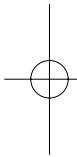
Basic Specifications

Item	Simple Input Device
Model name	Keypad
Connection printer model	T Series DR308e
Dimensions	152 mm (W) × 82 mm (D) × 33 mm (H)
Weight	320g
Control panel	Function keys: F1 to F4 (4 keys) Numeric keypad: 0 to 9, ., and Enter (12 keys)
Display	Graphics LCD 64 dots high by 128 dots wide

Communication interface	1. Printer interface
	   D-SUB 9-pin *1
	2. PS/2 keyboard interface
	   Mini DIN 6-pin *2

Card slot	SD card (1 GB standard)

Format data	Created with Keypad Tool
	Number of storable items
	   Internal memory: 99
	   SD card: 999

Environment conditions:	Operating ambient temperature: 5 to 40˚C Humidity: 30 to 80% (no condensation) Storage ambient temperature: -5 to 60˚C Humidity: 20 to 90% (no condensation)
Display angle adjustment function	The angle adjustment stand allows for adjusting the angle.
Barcodes	UPC-A/UPC-E, JAN/EAN, CODE39, CODE128, GS1-128 (UCC/EAN-128), CODABAR (NW-7), ITF
2D codes	QR codes
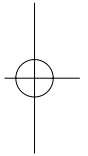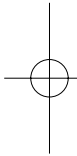
*1 This is a dedicated connection for specific printers. Do not connect a computer or other device.
*2 This interface is for connecting a scanner or full keyboard.

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The SD logo is a trademark.

Use Keypad Tool to create the format data for printing from the Keypad.

English

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