

PS-2100
DATA BANK

**QUICK
REFERENCE
GUIDE**

PS-2100 Quick Reference Guide

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Before you can operate the data bank, you must remove the plastic tab that protects the battery. Just pull the tab out of the battery compartment on the back of the unit and press **ON/MODE**.

Introduction

The compact yet versatile PS-2100 Data Bank is an electronic telephone directory, schedule organizer, clock with alarm, and calculator—all in one compact unit that slips easily into your pocket or purse.

The PS-2100 has four functions, or modes.

- ▶ The **telephone mode (TEL)** stores names, addresses, telephone numbers, and credit card numbers in alphabetical order by the first name you enter in each entry.
- ▶ The **schedule mode (SCHDL)** stores appointments, reminders, dates, and times in chronological order, first by date, then by time.
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Datamath Calculator Museum
- ▶ The **clock mode** displays the date and time. You can set an alarm to sound on the hour, daily, and with schedule entries.
- ▶ The **calculator mode (CAL)** performs addition, subtraction, multiplication, and division. It also has percent, square root, and memory functions.

Note: The telephone and schedule modes store information in either open files, accessible to anyone, or secret files, accessible only by entering a secret code. The secret files protect your private telephone numbers, credit card numbers, and appointments.

For information on secret files, see page 18.

Getting Started

Turning the PS-2100 On

To turn the PS-2100 on, press **ON/MODE**. The PS-2100 reactivates in the same mode it was in when it was turned off.

If the telephone, schedule, or calculator mode is active, an indicator (**TEL**, **SCHDL**, or **CAL**) in the display identifies the mode. If the clock mode is active, the display shows the date, day of the week, and time.

Note: If the time or schedule alarm sounds while the PS-2100 is off, the PS-2100 immediately reactivates in the time mode.

To change modes, press **ON/MODE**. The mode changes each time you press **ON/MODE**.

Note: If nothing is displayed when you turn the PS-2100 on, you may need to reset it or replace the battery. Refer to page 26 or 27.

Turning the PS-2100 Off



To turn the PS-2100 off, press **OFF**.

The Automatic Power Down (APD™) feature turns the PS-2100 off automatically if you do not press any keys for a few minutes. This feature helps to extend battery life.

Getting Started (Continued)

Setting the Key Tone

A tone is set to sound each time you press a key. To change the key tone setting, you must be in the telephone, schedule, or clock mode. Please note that you cannot change the key tone setting when you are in the calculator mode.

- ▶ To turn the key tone off, press **[SHIFT]** **[OFF]** so that the  indicator is no longer displayed.
- ▶ To turn the key tone on, press **[SHIFT]** **[OFF]** so that the  indicator is displayed.

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Using the Clock Mode

The clock mode displays the current date, day of the week, and time. It also lets you set various alarms described on pages 21 and 22.

When you select the clock mode, the top line of the display shows the year, month, date, and day of the week. The lower line shows the hour, minutes, and seconds. **AM** or **PM** is also displayed.

Setting the Clock

1. If necessary, press **ON/MODE** until the currently set date and time are displayed.
2. Press **TIME SET**. The cursor moves to the first space of the top line.
3. Key in the year, month, and date, entering two digits for each. For example, to enter Friday, May 1, 1992, key in 920501.
4. Press **DAY** (the **C** key) until the correct day of the week is displayed.
5. Press **▶** to move the cursor to the lower line.
6. If necessary, press **AM/PM** (the **D** key) to change **AM** to **PM**, or **PM** to **AM**.
7. Key in the time, entering two digits for the hour and two digits for the minutes. For example, to enter the time 2:45, key in 0245.

Using the Clock Mode (Continued)

Setting the Clock (Continued)

8. Press **[TIME SET]**. The seconds are automatically set to zero.
 - ▶ If you entered an illogical time or date (for example, 059500), **SET ERROR!** is displayed briefly. Then the cursor returns. Key in the correct time or date and press **[TIME SET]** again.
 - ▶ If you entered an acceptable date and time, the cursor is no longer displayed and the clock is set.

Selecting 12-hour or 24-hour Format for Time

You can display time in either 12-hour format using **AM** and **PM** (standard time), or 24-hour format (military time). To change the format:

1. Press **[ON/MODE]** until the currently set date and time are displayed in the current format, either 12-hour or 24-hour.
2. Press **[SHIFT]** **[12/24]** (the **[B]** key).
 - ▶ If 24-hour time was previously in effect, 12-hour time is now selected. This is indicated by either **AM** or **PM** in the left side of the display.
 - ▶ If 12-hour time was previously in effect, 24-hour time is now selected. This is indicated by neither **AM** nor **PM** in the left side of the display.

Using the Telephone and Schedule Modes

You create entries in the telephone and schedule modes by entering names and phone numbers or schedule reminders from the keyboard. After you store an entry, you can recall it, change it, or delete it at any time.

Both the telephone and schedule modes display two lines; the top line for letters and numbers, the bottom line for numbers only. Each line holds up to 36 characters (except for the lower line in the schedule mode).

You can also use these modes to store addresses, ZIP codes, social security numbers, credit card numbers, birthdays, and so forth.

Selecting the Telephone Mode

To select the telephone mode, press **ON/MODE** until the following is displayed:

NAME	SPC.
TEL	1792

- ▶ The **NAME** prompt and **TEL** indicate that the PS-2100 is in the telephone mode, ready to accept an entry.
- ▶ **SPC.** indicates the amount of memory available (in bytes). In this example, 1,792 bytes of memory are available.

Selecting the Schedule Mode

To select the schedule mode, press **ON/MODE** until the following is displayed:

MEMO IN SPC.
1792

SCHDL

- ▶ The **MEMO IN** prompt and **SCHDL** indicate that the PS-2100 is in the schedule mode, ready to accept a schedule entry.
- ▶ **SPC.** indicates that 1,792 bytes of memory are available.

Understanding Memory

The PS-2100 has a total of 1,792 bytes of memory available for storing approximately 125 telephone and schedule entries. Since you can make entries of varying lengths, the total number of entries you can store varies. Please note that one byte does not equal one character.

Each time you store an entry, the PS-2100 subtracts the number of bytes used. The amount of available memory is displayed when you access the telephone or schedule mode.

When the available memory space is too small for more entries, **FULL!** is displayed. Before you can add data to existing entries or create new ones, you must first delete some existing entries. (See "Deleting an Entry" on page 17.)

Entering Telephone or Schedule Data

Note: Before creating entries, review the guidelines on these two pages (10 and 11).

The following steps generally describe how to make a telephone or schedule entry:

1. Press **ON/MODE** until the entry screen for the mode you want is displayed.
2. Key in the desired data on the top line and press **ENTER**. The cursor automatically moves to the lower line.
3. Key in the desired data on the lower line and press **ENTER** to store the entry.

Entering Data on the Top Line

The top line of the display holds up to 36 letters, numbers, and special characters.

To enter a **letter** in the top line, press the appropriate key.

To enter a **number** in the top line, press **SHIFT** and then press the appropriate key once. To lock the **SHIFT** key on, press it twice. **SHIFT LOCK** is displayed. Press **SHIFT** again to turn off the shift function.

You can enter several **special characters** on the top line. Many of these are available with the **Y** key. Press **SHIFT** twice to lock the shift function on, then press **Y** repeatedly to rotate through these characters:

\$ £ ¥ () → ← :

Entering Telephone or Schedule Data (Cont.)

Entering Data on the Top Line (Continued)

To enter other special characters, press:

- ▶ **[SHIFT]** **[X]** to enter a dash.
- ▶ **[SPACE]** to enter a space.
- ▶ **[SHIFT]** **[SPACE]** to enter a plus sign.
- ▶ **[★]** or **[SHIFT]** **[S]** to enter an asterisk.
- ▶ **[SHIFT]** **[N]** to enter a slash mark.
- ▶ **[SHIFT]** **[%]** to enter a percent sign.
- ▶ **[=]** to enter an equal sign.
- ▶ **[SHIFT]** **[.]** to enter a period.

Entering Data on the Lower Line

In the telephone mode, the lower line holds up to 36 numbers. To enter a dash, press **[—]**. To enter a space, press **[SPACE]**. Pressing **[★]** enters °.

In the schedule mode, the lower line holds only enough digits to enter the date and time in MM-DD AHH-MM format. To change **A** for AM to **P** for PM, or vice versa, press **[AM/PM]** while the cursor is on the letter. If you enter an invalid date or time, **DATE ERROR!** is displayed briefly.

Viewing the Whole Line

Although a line may hold up to 36 characters, only 12 characters at a time are displayed. Depending on which arrow is displayed (**◀** or **▶**), press **◀** or **▶** to move the cursor one character at a time. To move the cursor one display length at a time, press **[SHIFT]** **◀** or **[SHIFT]** **▶**.

Sample Telephone Entry

Enter the name DONALD JACKSON and the telephone number (123) 456-7890.

Note: Telephone entries are sorted first by entries beginning with a space, and then by entries beginning with A-Z, 0-9, and special characters. If you prefer to store entries by last names, enter the last name first.

JACKSON DONA→
123-456-7890
TEL

1. If necessary, press **ON/MODE** until the **NAME** prompt and **TEL** are displayed.
2. Key in letters to spell the name JACKSON.
3. Press **SPACE** to enter a space.
4. Key in letters to spell the name DONALD.

Note: The ◀ at the left of the display indicates that letters have scrolled off the display to the left.

5. Press **ENTER** to move the cursor to the lower line.
6. Key in 123 **-** 456 **-** 7890.
7. Press **ENTER** to store the entry. (The **NAME** prompt returns automatically.)

Sample Schedule Entry

Enter a schedule reminder for a conference in Room 443 at 2:30 PM on August 7. (Schedule entries are stored chronologically by date.)

CONF RM 443
08-07 P02-30
SCHDL

Entering a Short Reminder (Conference)

1. If necessary, press **[ON/MODE]** until the **MEMO'** **IN** prompt and **SCHDL** are displayed.
2. Key in the letters to abbreviate the word "conference" as **CONF**.
3. Press **[SPACE]** once.
4. Key in the letters to abbreviate the word "room" as **RM**.
5. Press **[SPACE]** once.
6. Press **[SHIFT]** twice to lock the shift function on for entering numbers. **SHIFT LOCK** should be displayed.
7. Key in 443.
8. Press **[SHIFT]** once to clear the shift-lock function.
9. Press **[ENTER]** to move the cursor to the lower line.


Sample Schedule Entry (Continued)

Entering a Date and Time (August 7, 2:30 PM)

1. Key in 08 for the month and 07 for the day.
2. Press **[AM/PM]** to display the **P** for PM.
3. Key in 02 for the hour and 30 for the minutes.
4. At this point you may either:
 - ▶ Set the alarm to sound as a reminder of the appointment. To do this, follow the instructions in the next section before you store the entry.
 - ▶ Press **[ENTER]** to store the entry without turning on the schedule alarm.

Turning on the Schedule Alarm

Before you set a schedule alarm, be sure the clock is set correctly. If necessary, see "Setting the Clock" on pages 6 and 7.

1. While the cursor is on the second line of the schedule entry, press . ((\)) is displayed at the lower right of the screen to remind you that the schedule alarm is on. (See page 22 for instructions on turning off the alarm.)
2. Press **[ENTER]** to store the entry. (The **MEMO IN** prompt returns automatically.)

Recalling Entries

Recalling a Telephone or Schedule Entry Alphabetically

To recall a telephone entry, press **ON/MODE** until the **NAME** prompt and **TEL** are displayed.

To recall a schedule entry, press **ON/MODE** until the **MEMO IN** prompt and **SCHDL** are displayed.

Then do one of the following:

- ▶ Type the first character or two and press **▼** or **▲**. The first or last entry beginning with these characters is displayed. Press **▼** or **▲** to scroll to the desired entry.
- ▶ Type the entire name and press **▼** or **▲**.
- ▶ Press **▼** or **▲** to scroll to the entry.



Recalling Schedule Entries in Date Order



1. Press **ON/MODE** until the **MEMO IN** prompt and **SCHDL** are displayed.
2. ▶ To recall the entry with the earliest date and scroll to later ones, press **▼**.
- ▶ To recall the entry with the latest date and scroll to earlier ones, press **▲**.



Note: If the PS-2100 cannot find a specified entry, **NOT FOUND!** is displayed.




Revising and Deleting Entries


Revising an Entry




1. Display the entry you want to change. (See "Recalling Entries" on page 15.)
2. To activate the cursor, you can either press  to start at the beginning of the top line, or press  to start at the end of the lower line.

You can then press  and  to move between the top and lower lines.

3. Move the cursor to the part of the entry you want to change. You can type over information, press  to replace a character with a blank space, or use the  key to delete or insert information. (See page 17.)

- In telephone mode, revise the lower line by typing or spacing over unwanted digits or using the .
- In schedule mode, revise the lower line by typing over numbers in the date, pressing  to select **AM** or **PM**, or pressing  to turn the alarm on or off.

4. When you have finished making changes to both lines, press .

To cancel the change, press  or  instead of .

(Continued)

Revising and Deleting Entries (Cont.)

Using the **[DEL/INS]** Key

When revising an entry, you can delete or insert information using the **[DEL/INS]** key. After pressing **[◀]** or **[▶]** to move to the part of the entry you need to change:

- ▶ To delete information, press **[DEL/INS]** repeatedly until the unneeded information is deleted.
- ▶ To insert information, press **[SHIFT]** twice to lock the shift function on. Then press **[DEL/INS]** repeatedly to insert as many blank spaces as needed for the information to be inserted. When you have entered enough blank spaces, press **[SHIFT]** to cancel the shift function. Then key in the information you need.


Press **[ENTER]** to store the revised entry.

Deleting an Entry

1. Display the entry you want to delete. (See "Recalling Entries" on page 15.)
2. Press **[CE/C]** once. **CLEAR?** is displayed.
3. ▶ To cancel the deletion and keep the entry, press **[CE/C]**. **NAME** returns to the display.
▶ To delete the entry, press **[ENTER]**. **CLEAR!** is displayed briefly.







Using a Secret Code to Protect Information

In addition to your regular telephone and schedule files, you can set up separate secret files that can only be accessed by entering a secret code. This lets you protect some or all of your data from casual access by others.

The  indicator in the lower left corner of the display identifies secret files.








Establishing a Secret Code

Hint: Write down your secret code and store it in a safe place. If you forget your code, you cannot access information in the secret files. There is no way to retrieve your code.

1. Press **ON/MODE** until the **NAME** or **MEMO IN** prompt is displayed.
2. Press **SHIFT**  (the  key). **KEY WORD?** is displayed and  flashes. (If nothing happens when you press **SHIFT** , you already have a secret code.)
3. Key in a code of up to six letters and/or numbers. Select a short code that you can remember easily.
4. Press **SHIFT**  again.  remains in the lower left of the display, and the **NAME** or **MEMO IN** prompt is displayed.

You can now make entries in your secret files, or you can press **SHIFT**  to leave your secret files.

Accessing Secret Files

1. Press **ON/MODE** until the **NAME** or **MEMO IN** prompt is displayed.
2. Key in your secret code.
3. Press **SHIFT**  .
 - ▶ If you key in the code correctly,  and **NAME** or **MEMO IN** are displayed. You can now access your secret entries.
 - ▶ If you key in the code incorrectly, **OPEN ERROR!** is displayed, and the display returns to the open files. Enter the correct code and press **SHIFT**  .
4. To retrieve a secret entry, key in the entire name (or the first letter of the name) that you want to recall and press  or  . You may also press  or  to scroll through the names until you find the desired entry.

Important: If you forget your secret code, you cannot access information in the secret files. There is no way to retrieve your code. The only way to regain the use of the secret function is to reset (erase) the secret portion of the memory, establish a new secret code, and re-enter your secret data.

To avoid erasing all of your data when you reset the secret memory, carefully read "Resetting the PS-2100" on page 26.


Working in Secret Files

Entering and Using Data in Secret Files

To enter, recall, revise, or delete data in the secret files, follow the same procedures described on pages 10 through 17.








Leaving Secret Files

To leave the secret files, you can either:

- ▶ Press **[SHIFT]**  to return to your open files if the **NAME** or **MEMO IN** prompt is displayed.
- ▶ Press **[ON/MODE]** until you access the calculator mode (**CAL** and **0.** are displayed). Then press **[ON/MODE]** until you return to the telephone or schedule mode.

Changing the Secret Code


To change your secret code **without** erasing the information in the protected files:

1. When either **NAME** or **MEMO IN** is displayed, key in your secret code and press **[SHIFT]** .
2. Press  or  until your current secret code is displayed. The  indicator flashes.
3. Press  or  to activate the cursor at the beginning or end of your secret code.
4. Key in a new secret code and press **[SHIFT]** . Your new code is activated.



Using the Alarms

You can set alarms to sound on the hour, daily, and with schedule entries. The alarm sounds differently for each type of setting.

Setting a Daily Alarm



1. Press **ON/MODE** until the date and time are displayed.
2. Press . **ALARM** and the alarm time, including **AM** or **PM**, are displayed.
3. Press **TIME SET**. **ALARM SET** is displayed and the cursor is displayed on the first digit of the alarm time.
4. If necessary, press **AM/PM**.
5. Enter two digits for the hour and two digits for the minutes. For example, to set the alarm for 8:15, key in 0815.
6. Press **TIME SET**. **ALARM** and the (((·))) indicator are displayed, indicating that the daily alarm is set. In a few seconds, the display returns to the clock mode.



At the set time each day, the alarm sounds continuously for one minute in a three-beep pattern. If the PS-2100 was turned off, the display is also activated.

To stop the alarm sound, press  or **OFF**. (Pressing **OFF** also turns the PS-2100 off.) To turn off the daily alarm, press  until (((·))) is no longer displayed.


Using the Alarms (Continued)


Setting an Alarm to Sound on the Hour

1. Press **ON/MODE** until the date and time are displayed.
2. Press  until  is displayed, indicating that the hourly alarm is set. You do not need to press **ENTER**.

Note: The hourly alarm shortens battery life. Even if the PS-2100 is off, the hourly alarm sounds. To turn off the hourly alarm, first press **ON/MODE** to display the date and time. Then press  until  is no longer displayed. (If necessary, make sure (((·))) is still displayed for the daily alarm.)

Setting an Alarm to Sound with a Schedule Entry

1. Make a schedule entry as described on pages 13 and 14.
2. Before you press **ENTER** to store the schedule entry, press  until ((\)) is displayed, indicating that the schedule alarm is set.
3. Press **ENTER**. **MEMO IN** is displayed.

At the time of your schedule entry, the alarm sounds for one minute. If the PS-2100 is turned off, the clock display is also activated. To turn the alarm sound off, press  or **OFF**. (Pressing **OFF** also turns the PS-2100 off. The alarm setting is active until you change it.)

Using the Calculator Mode

To select the calculator mode, press **ON/MODE** until **CAL** and **0.** are displayed.

The Calculator Display

The calculator mode displays numeric entries and results with a maximum of 10 digits.

The minus sign (**-**) is displayed to the left of a negative number.

M is displayed at the upper left of the screen when a value other than zero is stored in the memory.

E is displayed at the lower left of the screen when an error or overflow condition occurs.

Clearing the Calculator

- ▶ To clear an incorrect entry, press **CE/C** once to clear the display. Then key in the correct number and continue your calculation.
- ▶ To clear an error or overflow condition, press **CE/C** once.
- ▶ To clear your current calculation, press **CE/C** twice.
- ▶ To clear only the memory, press **MC**.
- ▶ To clear the memory and the current calculation, press **MC** **CE/C** **CE/C**.

Arithmetic Calculations

Press **[CE/C]** before beginning each example.

Examples	Enter/Press	Display
----------	-------------	---------

Addition and Subtraction

$-12.3 + 7.9 + 1.6$	0 [−] 12.3 [+] 7.9 [+] 1.6 [=]	−2.8
---------------------	---	------

Multiplication and Division

$28 \div .5 \times 76$	28 [÷] .5 [×] 76 [=]	4,256.
------------------------	---	--------

Constant Calculations

$9 + 16 = ?$	9 [+] 16 [=]	25.
--------------	----------------------------	-----

$4 + 16 = ?$	4 [=]	20.
--------------	--------------	-----

$99 - 16 = ?$	99 [−] 16 [=]	83.
---------------	-----------------------------	-----

$32 - 16 = ?$	32 [=]	16.
---------------	---------------	-----

$3 \times 8 = ?$	3 [×] 8 [=]	24.
------------------	---------------------------	-----

$3 \times 15 = ?$	15 [=]	45.
-------------------	---------------	-----

$27 \div 3 = ?$	27 [÷] 3 [=]	9.
-----------------	----------------------------	----

$15 \div 3 = ?$	15 [=]	5.
-----------------	---------------	----

Square Root Calculations

$\sqrt{144}$	144 [√]	12.
--------------	----------------	-----

Percentage Calculations

5% of \$250	250 [×] 5 [%]	12.5
-------------	-----------------------------	------

\$250 plus 5% tax	250 [+] 5 [%]	262.5
-------------------	-----------------------------	-------

\$250 @ 5% discount	250 [−] 5 [%]	237.5
---------------------	-----------------------------	-------

Memory Operations

$(4 \times 11.99) +$	[MC]	
----------------------	-------------	--

(12×0.98)	4 [×] 11.99 [M+]	M 47.96
--------------------	--------------------------------	---------

	12 [×] .98 [M+] [MR]	M 59.72
--	---	---------

$7.9 + 8.1$	[MC]	
-------------	-------------	--

$-(5.2 + 2.8)$	5.2 [+] 2.8 [M−]	M 8.
----------------	--------------------------------	------

	7.9 [+] 8.1 [÷]	M 16.
--	-------------------------------	-------

	[MR] [=]	M −2.
--	------------------------	-------

Error/Overflow Conditions

An error or overflow condition is indicated by the **E** indicator at the left of the display.

Error Condition

An error condition occurs when you attempt to divide a number by zero.

To clear an error condition, press **[CE/C]**. Then re-enter your entire calculation.

Overflow Condition

An overflow condition occurs when:

- ▶ The result of a calculation has more than 10 digits to the left of the decimal. The display shows the first 10 digits of the correct result with the decimal point 10 places to the left of its correct position.
- ▶ The result in memory has more than 10 digits to the left of the decimal.

To clear an overflow condition:

- ▶ To clear only the entry that caused the overflow condition, press **[CE/C]** once. Then continue with your calculation.
- ▶ To clear the entire calculation, press **[CE/C]** twice.

In either case, any value stored in memory is not affected when you press **[CE/C]**.

In Case of Difficulty


If you have difficulty, first check to be sure you are entering data correctly. In the calculator mode, press **[MC]** **[CE/C]** **[CE/C]** and repeat your calculation. If the display is dim, erratic, or changes very slowly, replace the battery. If you still have difficulty, refer to "Service Information" on page 29.

Resetting the PS-2100

Pressing **RESET** erases secret files and open files separately. This lets you keep the open files if you must delete your secret files; for example, if you forget your password.

Warning: If you have not entered a secret code, pressing **RESET** **once** erases all of your entries and the memory.

To reset the PS-2100, turn the unit over and use a pen or paper clip to press the small **RESET** button. **RESET?** is displayed.

- ▶ To erase only secret files (indicated by  in the display), press **[ENTER]**. **RESET!** is displayed, and all secret files are erased.
- ▶ To cancel the reset operation and keep your files, press any key other than **[ENTER]**.
- ▶ To erase your open files in addition to your secret files, press **RESET** a second time; then press **[ENTER]**. This also resets the date and time to the factory setting.
- ▶ To cancel the reset operation at this point, press any key other than **[ENTER]**. Only your open files remain intact.

Battery Information

Before you can operate the PS-2100, you must remove the plastic tab that protects the battery. Just pull the tab out of the battery compartment on the back of the unit and press **ON/MODE**.

If the display becomes dim, erratic, or slow, the battery may need to be replaced.

To change the battery without losing the stored data, replace the battery before the old one is completely discharged.

Replace the battery within one minute to minimize the length of time that the PS-2100 is without battery power.

Hint: Although you can replace the battery without losing data, it is a good idea to keep a written record of your stored data.

The PS-2100 uses any of the following batteries (or the equivalent):

Duracell DL2025

Eveready E-2025

Panasonic CR2025

Ray-O-Vac CR2025

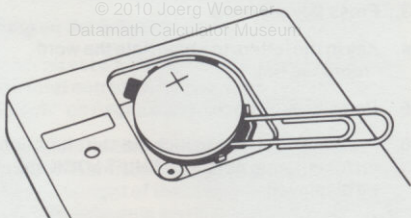
Toshiba CR2025

Follow the procedure on the next page to replace the battery. **Be careful not to touch any of the PS-2100's keys during this procedure.** Pressing a key could cause the stored data to be lost.

Battery Information (Continued)

To replace the battery:

1. Turn the PS-2100 off and turn it over so that the back is facing you.
2. Use a miniature screwdriver or similar instrument to loosen the screw that secures the battery compartment cover. Then remove the screw and the cover.
3. Using a paper clip or similar instrument, pry the discharged battery out of the battery compartment.
4. Install the new battery. Be sure that the + symbol on the new battery is facing upward.



5. Replace the battery compartment cover.
6. To avoid losing data, press **ON/MODE**. The PS-2100 is ready to use again with the previous data intact.

Caution: Do not incinerate the old battery or leave it within reach of small children.

Service Information

If the suggestions made in "In Case of Difficulty" do not correct a problem you may have, or if you have questions about service or the general use of your data bank, please call Consumer Relations at **1-800-TI-CARES (1-800-842-2737)**. You may also write to the following address:

Texas Instruments Incorporated
Consumer Relations
P.O. Box 53
Lubbock, Texas 79408-0053

Please contact Consumer Relations before returning the data bank for service or for general information about using the data bank.

Express Service

Texas Instruments offers an express service option for fast return delivery. Please call Consumer Relations for information.

Returning Your Data Bank for Service

A defective data bank will be either repaired or replaced with the same or comparable reconditioned model (at TI's option) when it is returned, postage prepaid, to a Texas Instruments Service Facility.

If a unit is repaired, TI has no responsibility for the security of any information stored in the unit. In addition, any data stored in the unit will be lost during repair, and you will need to reprogram the unit when it is returned to you. Replacement units will not contain your data and will need to be programmed when they are received.

Service Information (Continued)

Returning Your Data Bank for Service (Continued)

Texas Instruments cannot assume responsibility for loss or damage during incoming shipment. For your protection, carefully package the data bank for shipment and insure it with the carrier. Be sure to enclose the following items with your data bank:

- ▶ Your full return address
- ▶ A daytime phone number
- ▶ A note describing the problem you experienced
- ▶ A copy of your sales receipt or other proof of purchase to determine warranty status

Please ship the data bank postage prepaid; COD shipments cannot be accepted.

In-Warranty Service

For a data bank covered under the warranty period, no charge is made for service.

Out-of-Warranty Service

A flat-rate charge by model is made for out-of-warranty service. To obtain the service charge for a particular model, contact Consumer Relations **before** returning the product for service. (We cannot hold products in the Service Facility while providing charge information.)

Texas Instruments Service Facilities

U.S. Residents (U.S. Postal Service)

Texas Instruments
P.O. Box 2500
Lubbock, TX 79408-2500

U.S. Residents (other carriers)

Texas Instruments
2305 N. University
Lubbock, TX 79408-3508

Canadian Residents Only

Texas Instruments
41 Shelley Road
Richmond Hill, Ontario L4C 5G4

One-Year Limited Warranty

Warranty Duration: This data bank is warranted to the original consumer purchaser for a period of one (1) year from the original purchase date.

Warranty Coverage: This data bank is warranted against defective materials or workmanship. **This warranty is void if the product has been damaged by accident, unreasonable use, neglect, improper service, or other causes not arising out of defects in material or workmanship.**

Warranty Disclaimers: Any implied warranties arising out of this sale, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the above one-year period. Texas Instruments shall not be liable for loss of use of the data bank or other incidental or consequential costs, expenses, or damages incurred by the consumer or any other user.

Some states do not allow the exclusion or limitations of implied warranties or consequential damages, so the above limitations or exclusions may not apply to you.

Legal Remedies: This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Warranty Performance: During the above one-year warranty period, a defective TI data bank will be either repaired or replaced with a reconditioned comparable model (at TI's option) when the product is returned, postage prepaid, to a Texas Instruments Service Facility.

The repaired or replacement data bank will be in warranty for the remainder of the original warranty period or for six months, whichever is longer. Other than the postage requirement, no charge will be made for such repair or replacement.

Texas Instruments strongly recommends that you insure the product for value prior to mailing.

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Datamath Calculator Museum

