

 **TEXAS
INSTRUMENTS**



PS-2400
DATA BANK

**QUICK
REFERENCE
GUIDE**

Key Symbols Used in this Guidebook

The symbols on the PS-2400's five mode keys (the keys directly below the PS-2400's display) are depicted differently in this guidebook than they are on the PS-2400's keyboard.

These differences are described below.

Key Symbols
on the PS-2400

Key Symbols
in the Guidebook



[TIME]



[TEL]



[SCHDL]



[CALC]



[CONV]

Artwork: Joerg Woerner
Datamath Calculator Museum

Before you can operate the data bank, you must remove the plastic tab that protects the battery. Just pull the tab out of the right side of the unit near the battery compartment and press [ON].

PS-2400 Data Bank Quick Reference Guide

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MADE IN MALAYSIA

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Introduction

The compact yet versatile PS-2400 Data Bank is an electronic telephone directory, schedule organizer, clock with alarm, and calculator—all in a sturdy, compact case that slips easily into your pocket or purse.

The PS-2400 has five 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.
- ▶ The **time mode** displays the date and time. You can set an alarm to sound on the hour, daily, and with schedule entries.
- ▶ The **calculator mode (CALC)** performs addition, subtraction, multiplication, and division. It also has percent, square root, and memory functions.
- ▶ The **conversion mode** performs 10 English/metric measurement conversions.

The data bank stores up to 150 telephone and schedule entries. The typewriter-style "QWERTY" keyboard makes entries quick and easy. And the unit turns itself off automatically to conserve battery power.

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. 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-2400 On

To turn the PS-2400 on, press **[ON]**. The PS-2400 reactivates in the same mode it was in when it was turned off.

To change modes, press a mode key: **[TEL]**, **[SCHDL]**, **[TIME]**, **[CALC]**, or **[CONV]**.

If the telephone, schedule, or calculator mode is active, an indicator (**TEL**, **SCHDL**, or **CALC**) in the display identifies the mode. If the time mode is active, the display shows the date, day of the week, and time. If the conversion mode is active, a set of English/metric measurement conversions is displayed.

Note: If the time or schedule alarm sounds while the PS-2400 is off, the PS-2400 immediately reactivates in the time mode.

Note: If nothing is displayed when you turn the PS-2400 on, you may need to reset it or replace the battery. Refer to page 28 or 29.

Turning the PS-2400 Off

To turn the PS-2400 off, press **[OFF]**. The Automatic Power Down (APD™) feature turns the PS-2400 off automatically if you do not press any key for a few minutes. This feature helps to extend battery life.

Setting the Key Tone

A tone is set to sound each time you press a key. To suit your preference, you can easily turn the tone off or on.

To change the key tone setting, you must be in the telephone, schedule, or time mode. Please note that you cannot change the key tone setting when you are in the calculator or conversion mode.

- ▶ If a tone sounds each time you press a key, press **[SHIFT]** **[OFF]** to turn the tone off.
- ▶ If no tone sounds each time you press a key, press **[SHIFT]** **[OFF]** to activate the key tone.

Using the Time Mode



The time mode

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

In the time mode, the top line of the display shows the two-digit year, the 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 **TIME** to display the currently set date and time.
2. Press **TIMESET**. The cursor moves to the first space of the top line.
3. Key in the year, month, and date, entering two digits for each. Digits are located above the top row of keys. For example, to enter Friday, May 1, 1992, key in 92 05 01.
4. Press **DAY** (the **B** 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** 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 02 45.

8. Press **TIME SET**. The seconds are automatically set to zero.

- ▶ If you entered an illogical time or date, **SET ERROR!** is displayed briefly. 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. If necessary, press **TIME** to display the currently set date and time. The time is displayed in the current format, either 12-hour or 24-hour.
2. Press **SHIFT** **12/24** (the **X** key).
 - ▶ If 24-hour time was previously in effect, 12-hour time is now selected. Either **AM** or **PM** appears in the left of the display.
 - ▶ If 12-hour time was previously in effect, 24-hour time is now selected. Neither **AM** nor **PM** appears in the left 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 **TEL**. The following is displayed:

NAME	SPC.
	1792
TEL	

- ▶ The **NAME** prompt and **TEL** indicate that the PS-2400 is ready for a telephone entry.
- ▶ **SPC.** indicates the amount of memory space available (in bytes). In this example, 1,792 bytes of memory are available.

Selecting the Schedule Mode



To select the schedule mode, press **[SCHDL]**. The following is displayed:

MEMO IN SPC
1792
[SCHDL]

- ▶ The **MEMO IN** prompt and **SCHDL** indicate that the PS-2400 is ready for a schedule entry.
- ▶ **SPC.** indicates that 1,792 bytes of memory are available.

Understanding Memory

The PS-2400 has a total of 1,792 bytes of memory available for storing approximately 150 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-2400 subtracts the number of bytes used. The amount of available memory is displayed when you press **[TEL]** or **[SCHDL]** to 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 the **TEL** or **SCHDL** key to display the entry screen for the mode you want.
2. Key in the desired data on the top line and press **ENTER**. The cursor automatically moves to the lower line.

If you make a mistake, press **◀** to backspace to the error and then key in the correction.

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. (Digits are located above the top row of keys.)

To lock the **SHIFT** key on, press it twice. **SHIFT LOCK** is displayed. Press **SHIFT** again to turn off the shift function.

You can also enter several **special characters** on the top line. Press:

- ▶ **[SPACE]** to enter a space.
- ▶ **[SHIFT] [-]** (**[M]** key) to enter a dash.
- ▶ **[SHIFT] [.]** (**[SPACE]** key) to enter a period.
- ▶ **[SHIFT] [+]** (**[N]** key) to enter a plus sign.
- ▶ **[SHIFT] [x]** (**[H]** key) to enter an asterisk.
- ▶ **[SHIFT] [/]** (**[J]** key) to enter a slash mark.
- ▶ **[SHIFT] [%]** (**[F]** key) to enter a percent sign.
- ▶ **[SHIFT] [=]** (**[ENTER]** key) to enter an equal sign.

Entering Data on the Lower Line

In the telephone mode, the lower line holds up to 36 numbers. To enter a dash, press **[-]** (**[M]** key). To enter a space, press **[SPACE]**.

In the schedule mode, the lower line holds only enough digits to enter the date and time in MM-DD HH-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

A line may hold up to 36 characters, but only 12 characters at a time are displayed.

Depending on which arrow is displayed (**◀** or **▶**), press **[◀]** or **[▶]** to move the cursor. Press and hold **[◀]** or **[▶]** to move quickly.

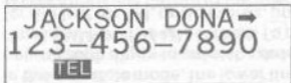
Sample Telephone Entry



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.



1. If necessary, press **TEL** to display the **NAME** prompt and **TEL** indicator.
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 meeting in Room 443 at 2:30 PM on August 7. (Schedule entries are stored chronologically by date.)

MEET RM 443
08-07 P02-30
SCHDL

Entering a Short Reminder

1. If necessary, press **[SCHDL]** until the **MEMO IN** prompt and **SCHDL** are displayed.
2. Key in the letters to abbreviate the word "meeting" as MEET.
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.

(Continued)

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 **[ALARM]**. ((\)) 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 Telephone or Schedule Entries

To recall a telephone entry, press **[TEL]** to display the **NAME** prompt and **TEL**.

To recall a schedule entry, press **[SCHDL]** to display the **MEMO IN** prompt and **SCHDL**.

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 **[▲]**.
- ▶ Type the name and press **[▼]** or **[▲]**.
- ▶ Press **[▼]** or **[▲]** to scroll to the entry.

Note: If the PS-2400 cannot find a specified entry, **NOT FOUND!** is displayed.

Recalling Schedule Entries

To recall the schedule entry with the latest or earliest date, press **[SCHDL]**. Press **[▼]** to recall the entry with the earliest date and scroll to later ones, or **[▲]** to recall the entry with the latest date and scroll to earlier ones.

To recall schedule entries for a specific month, press **[SCHDL]**. Press **[SHIFT]** **[X]** (the **[H]** key) to enter *****. Then key in a two-digit month; for example, press **[SHIFT]** **0** **[SHIFT]** **5** to enter **05** for May. Press **[▼]** or **[▲]**. If there are no entries for that month, **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. Press **◀** or **▶** to move the cursor to the part of the entry you want to change. You can type over information, press **[SPACE]** to replace a character with a blank space, or insert and delete information. (See page 17.)
 - ▶ In telephone mode, revise the lower line by typing or spacing over unwanted digits or by inserting and deleting digits.
 - ▶ In schedule mode, revise the lower line by typing over numbers in the date, pressing **[AM/PM]** to select **AM** or **PM**, or pressing **[ALARM]** to turn the alarm on or off.

4. When you have finished making changes to both lines, press **[ENTER]**.

To cancel the change, press any mode key, **[SHIFT]** **[CLR]**, or **[OFF]** instead of **[ENTER]**.

Deleting and Inserting Information

When revising an entry, you can delete or insert information. After pressing ◀ or ▶ to move to the first part of the entry you need to change:

- ▶ To delete information, press **SHIFT** twice. Then press **DEL** (the ◀ key) repeatedly until the information is deleted. Press **SHIFT** to cancel the shift-lock function.
- ▶ To insert information, press **SHIFT** twice. Then press **INS** (the ▶ key) repeatedly to insert as many spaces as needed. Press **SHIFT** to cancel the shift-lock function, and 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 **CLEAR** or **SHIFT** **C**. **CLEAR?** is displayed.
3. ▶ To cancel the deletion and keep the entry, press **CLEAR** or any key except **ENTER**. **NAME** or **MEMO IN** 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 **[TEL]** to display the **NAME** prompt or **[SCHDL]** to display the **MEMO IN** prompt.
2. Press **[SECRET]**. **KEY WORD?** is displayed and  flashes. (If nothing happens when you press **[SECRET]**, 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 **[SECRET]** 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 **[SECRET]** to leave your secret files.

Accessing Secret Files

1. Press **[TEL]** to display the **NAME** prompt or **[SCHDL]** to display the **MEMO IN** prompt.
2. Key in your secret code.
3. Press **[SECRET]**.
 - ▶ 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 **[SECRET]**.
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-2400" on page 28.

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 **[SECRET]** to return to your open files if **NAME** or **MEMO IN** is displayed.
- ▶ Press **[TIME]**, **[CALC]**, or **[CONV]** to access another mode. Then press **[TEL]** or **[SCHDL]** to 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 **[SECRET]**.
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, press **[SPACE]** to erase any extra characters, and press **[SECRET]**. 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 **[TIME]** to display the currently set date and time.
2. Press **[ALARM]**. **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 time mode.


At the set time each day, the alarm sounds continuously for one minute in a three-beep pattern. If the PS-2400 was turned off, the display is also activated.

To stop the alarm sound, press **[ALARM]** or **[OFF]**. (Pressing **[OFF]** also turns the PS-2400 off.) To turn off the daily alarm, press **[ALARM]** until (((·))) is no longer displayed.

Using the Alarms (Continued)

Setting an Alarm to Sound on the Hour

1. Press **[TIME]** to display the currently set date and time.
2. Press **[ALARM]** until  is displayed, indicating that the hourly alarm is set. You do not need to press **[ENTER]**.

Note: The hourly alarm shortens battery life. It sounds even if the PS-2400 is turned off. To turn off the hourly alarm, press **[TIME]**. Then press **[ALARM]** 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 **[ALARM]** to display **((\))**, 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-2400 is turned off, the clock display is also activated. To turn the alarm sound off, press **[ALARM]** or **[OFF]**. (Pressing **[OFF]** also turns the PS-2400 off. The alarm setting is active until you change it.)

Using the Calculator Mode



To select the calculator mode, press **[CALC]** to display **CALC** and **0..**

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]** once to clear the display. Then key in the correct number and continue your calculation.
- ▶ To clear the current calculation, press **[CLR]**.
- ▶ To clear an error condition, press **[CE]** or **[CLR]**. To clear an overflow condition, press **[CLR]**. (See page 25.)
- ▶ To clear only the memory, press **[MRC]** twice.
- ▶ To clear the current calculation and the memory, press **[MRC]** **[MRC]** **[CLR]**.

Arithmetic Calculations

Press **[CLR]** before beginning each example.

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

Addition and Subtraction

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

Multiplication and Division

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

Constant Calculations

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

$4 \pm 16 = ?$	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
-------------	---------------------------------	------

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

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

Memory Operations

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

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

	12 [×] $.98$ [M+]	
--	-----------------------------------	--

	[MRC]	M 59.72
--	--------------	---------

$7.9 + 8.1$	[MRC] [MRC]	
-------------	---------------------------	--

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

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

	[MRC] [=]	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]** or **[CLR]**. 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, press **[CLR]**. Then re-enter your entire calculation.

Any value stored in memory is not affected when you press **[CE]** or **[CLR]**.

Performing English/Metric Conversions



To select the conversion mode, press **[CONV]**.

The first possible conversion, **CM-IN** (centimeters to inches), is displayed. On this screen, you can convert centimeters to inches or inches to centimeters.

Press **[▼]** or **[▲]** to move through the conversion screens until the conversion units you need are displayed.

Display	Conversion
CM-IN	Centimeters to inches
M-YD	Meters to yards
KM-MI	Kilometers to miles
C-F	Celsius to Fahrenheit (degrees)
G-OZ	Grams to ounces
KG-LB	Kilograms to pounds
KG-TON(US)	Kilograms to U.S. (short) tons
KG-TON(UK)	Kilograms to imperial (long) tons
L-GAL(UK)	Liters to imperial gallons
L-GAL(US)	Liters to U.S. gallons

Performing a Conversion

Follow the sample procedure below for all conversions.

1. Press **[CONV]** to access the conversion mode.
2. **CM-IN** is displayed to the left of the screen. This is the screen for converting inches to centimeters or centimeters to inches. On the right side of the screen, **IN** is displayed on the top line (prompting you to enter a number of inches) and **0.** on the bottom line.
3. To change the unit of measure displayed on the right side of the screen, press **[ENTER]**. In this example:
 - ▶ To convert inches to centimeters, press **[ENTER]** until **IN** is displayed.
 - ▶ To convert centimeters to inches, press **[ENTER]** until **CM** is displayed.
4. Key in the number of units to be converted. For example, to convert 25 inches to centimeters, key in 25 when **IN** is displayed.
5. Press **[ENTER]**. The converted value is displayed. In this example, **CM** and **63.5** are displayed to show that 63.5 centimeters is equivalent to 25 inches. Press **[ENTER]** again to display the number of inches you entered.

In Case of Difficulty


If you have difficulty, first check to be sure you are entering data correctly. If the display is dim, erratic, or changes very slowly, replace the battery. If you still have difficulty, refer to "Service Information" on page 31.

Resetting the PS-2400

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-2400, 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, 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-2400, 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**.

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-2400 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-2400 uses any of the following batteries (or the equivalent):

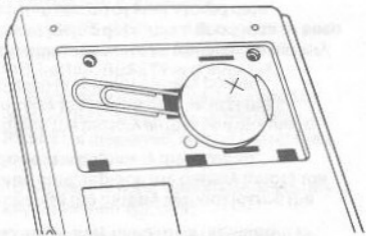
Duracell DL2025	Eveready E-2025
Panasonic CR2025	Ray-O-Vac CR2025
Toshiba CR2025	

Follow the procedure on the next page to replace the battery. **Be careful not to touch any of the PS-2400'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-2400 off, close the cover, and turn it over so that the back is facing you.
2. Use a miniature screwdriver or similar instrument to loosen the two screws that secure the battery compartment cover. Then remove the screws 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**. The PS-2400 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 toll free at: **1-800-661-2007**. You may also write to the following address:

Texas Instruments Canada Limited
Service Facility and Exchange Centre
41 Shelley Road
Richmond Hill, Ontario
L4C 5G4

Please contact Consumer Relations before returning the data bank for service.

Returning Your Data Bank for Service

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

If a unit is repaired or replaced, 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 re-enter your data when it is returned to you. A replacement unit will not contain your data, and data must be re-entered when it is received.