

FH-310 FH-320 FH-350

دليل المستخدم

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FH-310 FH-320 FH-350

User's Guide

Guía del usuario

Mode d'emploi

用戶說明書

Guia do Usuário

CASIO®

E S F Ch Po A

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■ Operating Precautions

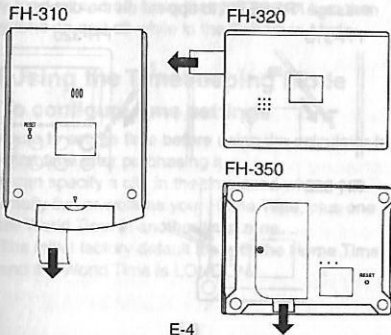
- Do not use or store this calculator in areas exposed to extreme temperatures or subject to extreme temperature changes. The operating temperature range is 0°C to 40°C.
- Avoid using and storing this calculator in areas subject to large amounts of humidity and dust.
- Never twist or bend the calculator.
- Never use a pen or any other sharp object to operate the keys.
- To clean the calculator, wipe it with a soft, dry cloth.
- The display examples in this User's Guide are based on the FH-310 and FH-320. Display contents and the location of information on the display of the FH-350 may be different.
- The contents of this manual are subject to change without notice.
- Note that CASIO COMPUTER CO., LTD. shall not be held liable to you or any third parties for any losses or damages arising from the use of this product.
- Always keep separate written copies of the data you store in the memory of this calculator. CASIO COMPUTER CO., LTD. will assume no responsibility for any loss of data due to malfunction, repair, battery replacement, or any other reason.

■ Before Using the Calculator for the First Time

• Remove the battery insulation sheet.

Before using the calculator for the first time after purchasing it, be sure to remove the insulation sheet from the battery.

- The insulation sheet is installed at the factory to keep the battery from discharging during shipment and storage.
- When you remove the insulation sheet, the calculator screen will beep and the date and time will appear on the display.



• Reset the calculator.

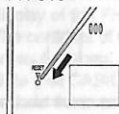
After removing the insulation sheet or anytime you replace the battery, be sure to press the RESET button with a thin, pointed object.* You should also press the RESET button whenever the calculator starts to operate erratically due to exposure to an electrostatic charge.

* Do not apply too much force when using a pencil or other sharp object. Doing so can damage the calculator.

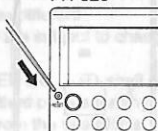
1. Use a thin, pointed object to press the RESET button.

This causes the calculator to beep and the message "RESET?" to appear on the display.

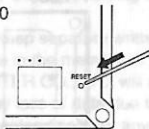
FH-310



FH-320



FH-350



2. Press  (Enter).

This resets the calculator and displays the timekeeping screen.

- Failure to press the RESET button can cause abnormal display and beeper operation.
- Pressing the RESET button clears the following settings and data.

Timekeeping settings, alarm time, telephone records, schedule records, currency conversion rates and currency names.

• To turn the key tone on and off

Press the  key. Each press of this key toggles the key tone on and off. Note that you cannot turn the key tone on and off while in the Schedule Mode.

■ Using the Timekeeping Mode

• To configure time settings

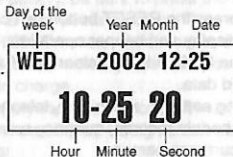
Be sure to set the time before using the calculator for the first time after purchasing it.

You can specify a city in the time zone where you normally live or work as your Home Time, plus one more World Time in another time zone.

- The initial factory default for both the Home Time and the World Time is LONDON.

1. Press .

If you want to configure World Time settings, press  instead of .



2. Press .

This causes the city name to flash, which indicates the setting screen.



3. Use and to scroll through the city names.

When the one you want is on the display, press  (Enter).

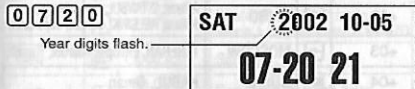
- See the "World Time Table" (page E-9) for information about city names and GMT differentials.

4. Set the current time for your Home Time city.

- Set the year, month, date, hour, and minute.

- Use  and  to move the cursor to the setting you want to change, and then input a value to change the setting.

Example: To set October 5, 2002, 7:20 AM



- Each press of  ( on the FH-350) while the setting screen is on the display toggles between PM ("P" indicator displayed) and AM (no indicator displayed).

5. After all the settings are the way you want, press (Enter).

- This applies your settings and resets the seconds count to 00.
- Each press of  (12/24) toggles timekeeping between 12-hour and 24-hour formats.
- Pressing  ( on the FH-350) while the timekeeping screen is on the display toggles between summer time and standard time. Summer

time is indicated by the  indicator on the display ("SUMMER" indicator on the FH-350).

World Time Table

GMT Differential	Key	City Name	Other Cities
+00		LONDON	
+01		PARIS	ROME, Amsterdam, Vienna, Madrid, Stockholm, BERLIN
+02		CAIRO	Athens, ISTANBUL, Jerusalem, Ankara, HELSINKI, Jordan, Cape Town
+03		MOSCOW	TEHERAN, Ethiopia, Nairobi, Riyadh
+04		DUBAI	KABUL, Oman
+05		KARACHI	Maldives
+05:30		DELHI	
+06			DHAKA
+06:30		YANGON	
+07		BANGKOK	Jakarta
+08		HONG KONG	BEIJING, Bali, Perth, SINGAPORE, Taipei, Manila, Kuala Lumpur
+09		TOKYO	Seoul, Pyongyang
+09:30			ADELAIDE
+10		SYDNEY	Guam, Saipan, Canberra
+12		WELLINGTON	

GMT Differential	Key	City Name	Other Cities
-10		HONOLULU	Tahiti
-09			ANCHORAGE
-08		LOS ANGELES	San Francisco, Las Vegas, Vancouver
-07		DENVER	Salt Lake City
-06		CHICAGO	Dallas, Mexico City
-05		NEW YORK	Washington, D.C., Orlando, Miami, Lima, Montreal, TORONTO
-04		CARACAS	Santiago
-03		RIO DE JANEIRO	San Paulo, Buenos Aires

• To scroll to the same day in other months

1. Press .
2. Use  (forward) and  (back) to scroll to the same day in other months.
 - If the currently displayed data is March 29, for example, scrolling forward displays April 29, May 29, and so on.
 - You can display dates in the range of 1901 through 2099.

• To view the current time in another city

Perform either of the following two operations.

- While the Home Time is on the display, press one of the keys marked with city names. Using this method, you can select one of 20 city names.
- While the World Time is on the display, use  and  to scroll through the city names. Using this method, you can select one of 32 city names.

■ Using the Alarm

After you set an alarm time, the calculator beeps for about one minute at the preset time each day.

• To set the alarm time

1. Press , and then press .
- This causes the hour digits of the alarm time to flash on the display.



2. Input the alarm time you want to set, and then press  (Enter) to set it.

- Each press of  ( on the FH-350) while the alarm time screen is on the display toggles between PM ("P" indicator displayed) and AM (no indicator displayed).
- 3. Each press of the  or  key toggles the alarm on and off.
- A beeper sounds when the current time reaches the alarm time you set.
- To stop the beeper, press any key. The beeper will stop automatically after about one minute if you do not stop it manually.

■ Telephone Mode

The Telephone Mode lets you store names and telephone numbers for later recall when you need them. You can store up to 2,000 characters of data in memory that is shared with the Schedule Mode.

• To store a telephone number record

Example: To store the number 03-5334-4111 under the name CASIO.

1. Press .
- On the FH-350, press . Each press of  toggles between the Telephone Mode and the Schedule Mode.

Indicates how many more characters you can still input.

NAME?

7:22

2000

2. Input the name.

- You can input up to 30 characters (letters and numbers).
- Use keys **[ABC1]** through **[YZ9]** to input characters.
- Each key is assigned a number and multiple letters. Each press of a key cycles through the characters assigned to it at the current cursor position. Pressing **[ABC1]**, for example, cycles through the following characters: A → B → C → 1 → A, and so on.
- To input two characters that are assigned to the same key, input the first character, press **[M+→]** to move the cursor, and then input the next character. To input "AB," for example, press:
[ABC1] **[M+→]** **[ABC1]** **[ABC1]**
- To change a character you have already input, press **[←M-]** to move the cursor to the character, and then input the correct one.
- To delete a character, move the cursor to the character, and then press **[Shift] [←M-]**.
- To create a space for insertion of a character, move the cursor to the location where you want to create the space, and then press **[Shift] [M+→]**.

- To delete all of the characters you input and start again, press **[C/CE]**.
- Pressing **[MR]** cycles through symbols at the cursor position in the following sequence: @ → # → \$ → £ → ¥ → (→) → ~ → ' → : → / → \ → space → & → @.

CASIO

7:28

3. After the name is the way you want, press **[=]** (Enter).
4. Input the telephone number.

CASIO

7:29

3-5334-4111_

5. After the telephone number is the way you want, press **[=]** (Enter).
- The message "STORED!" appears briefly as the data you input is saved.
6. Repeat steps 2 through 5 to input other data, if you want.

■ Recalling Telephone Mode Data

There are two methods you can use to recall Telephone Mode data.

- Alphabetic scrolling
- Inputting the first character of the name

• To recall Telephone Mode data using alphabetic scrolling

1. Press **[J]**.
2. Press **[V]**.
 - This displays the record whose name comes first alphabetically.
3. Use **[V]** and **[A]** to scroll through the records and find the one you want.

• To recall Telephone Mode data by inputting the first character of the name

1. Press **[J]**.
2. Input the first character of the name of the record you want to recall, and then press **[V]**.
 - The display shows the first record whose name starts with the character you input.
 - The message "NOT FOUND!" appears if there are no names that start with the character you input.

- Use **[V]** and **[A]** to scroll through the records starting from the one you recalled.

• To delete a Telephone Mode record

1. Press **[J]**.
2. Use one of the procedures under "Recalling Telephone Mode Data" to recall the record you want to delete.
3. Press **[C/CE]**, and then press **[=]**(Enter).
The message "DELETE!" appears briefly as the record is deleted.

• To edit a Telephone Mode record

1. Press **[J]**.
2. Use one of the procedures under "Recalling Telephone Mode Data" to recall the record you want to edit.
3. Press **[Shift] [M+]**.
 - This causes the cursor to appear at the first character of the name.
4. Use **[←M-]** and **[M+→]** to move the cursor to the character you want to change, and then make the changes you want.
5. After everything is the way you want, press **[=]**(Enter).

■ Schedule Mode

The Schedule Mode lets you store records of appointment times and descriptive text for later recall when you need them. You can store up to 2,000 characters of data in memory that is shared with the Telephone Mode.

• To store a schedule record

Example: To input a record for a wedding party from 1:00 PM on January 12

1. Press .
- On the FH-350, press . Each press of  toggles between the Telephone Mode and the Schedule Mode.

Indicates how many more characters you can still input.

SCHD? OFF 12:00
2000

2. Input a description of the appointment.
 - See page E-13 for details about inputting characters.
 - If you want to turn on a schedule alarm that sounds at the schedule time you specify below, press .
 - Each press of  toggles the schedule alarm on ( displayed) and off.

3. After the description is the way you want, press  (Enter).

WEDDING PA 12:00
 01-01 12:00
Month Date Hour Minute

4. Input the date and time of the schedule.
 - Each press of  ( on the FH-350) toggles between PM ("P" indicator displayed) and AM (no indicator displayed).

WEDDING PA 7:30
 01-12 P01:00

5. After the date and time is the way you want, press  (Enter).

The message "STORED!" appears briefly as the data you input is saved.
6. Repeat steps 2 through 5 to input other data, if you want.

• To recall a schedule record

1. Press .
2. Press .

- This displays the record for the next appointment you have scheduled.
- Use **[V]** and **[A]** to scroll through the records.

• To delete a schedule record

1. Press **[?]**.
2. Use the procedure under "To recall a schedule record" to recall the record you want to delete.
3. Press **[C/CE]**, and then press **[=]**(Enter).

• To edit a schedule record

1. Press **[?]**.
2. Use the procedures under "To recall a schedule record" to recall the record you want to edit.
3. Press **[Shift][M+→]**.
 - This causes the cursor to appear at the first character of the description.
4. Use **[←M]** and **[M+→]** to move the cursor to the character you want to change.
5. After everything is the way you want, press **[=]**(Enter).

■ Currency Converter Mode

The currency converter lets you convert between a home country currency and other country's currency

quickly and easily.

You can set up to five different conversion rates.

• To configure currency name and conversion rate settings

The calculator comes preset with the five currency pairs listed below.

EURO → FRF EURO → JPY USD → FRF
USD → DEM USD → GBP

Example: To configure \$1 (USD) = ¥120 (JPY)

1. Press **[CONV]** once.
- Pressing **[CONV]** once enters the Currency Converter Mode. Pressing it twice enters the Metric Converter Mode.

EURO → FRF 7:55
0.

2. Use **[A]** and **[V]** to display the names of the currency pair you want to change.
3. Press **[SET]**.
 - This causes the currency name to flash.
4. Input the first currency name, and then press **[=]**(Enter).

To delete a currency name character, select it and then input a space.

USD → JPY 7:59

0.

Use the same procedure as that under "To store a telephone number record" to input characters.

5. Input the other currency name, and then press **[=]**(Enter).
 6. Input the conversion rate, and then press **[=]**(Enter).
- This stores the currency names and the conversion rate.

• To convert between currencies

The following examples are based on a rate of USD → JPY 120 (\$1 = ¥120).

Example 1: What is the yen equivalent of 110 dollars?
[C/CE] 110 **[=]**(Enter) ¥13,200

Example 2: What is the dollar equivalent of ¥1000?
[←M] 1000 **[=]**(Enter) \$8.33

■ Metric Converter Mode

The metric converter lets you perform such metric conversions as inches ↔ centimeters, ounces ↔ grams, etc.

The following lists the conversion pairs that are available.

INCH (inches)	CM (centimeters)
YARD (yards)	M (meters)
MILE (miles)	K M (kilo meters)
C (Celsius)	F (Fahrenheit)
FT (feet)	M (meters)
OZ (ounces)	GRAM (grams)
LB (pounds)	KG (kilograms)
GAL (U.S. Gallons)	L US (Liters)
GAL (U.K. Gallons)	L UK (Liters)

• To perform a metric conversion

1. Press **[CONV]** twice to enter the Metric Converter Mode.
- Pressing **[CONV]** once enters the Currency Converter Mode. Pressing it twice enters the Metric Converter Mode.

INCH → CM 8:01
2.54

2. Use **[A]** and **[V]** to select the conversion pair you want.

Example: How many kilograms are 10 pounds?

1. Select the conversion pair LB → KG.
2. Perform the calculation.

[C/CE] 10 **[=]**(Enter) 4.536 kg

Example: How many inches are 3 centimeters?

1. Select the conversion pair INCH → CM.
2. Perform the calculation.

[M-] 3 **[=]** (Enter) 1.1811023622 inch

■ Performing Calculations

53 + 123 - 63 =	53 [+] 123 [=] 63 [=]	0.
963 × (23 - 56) =	23 [=] 56 [X] 963 [=]	113.
(56 × 3 - 89) ÷	56 [X] 3 [=] 89 [÷] 5.2	-31'779.
5.2 + 63 =	[+] 63 [=]	78.1923076923
12345678 × 741852 =	12345678 [X]	E 9.15866591565
	741852 [=]	9.15866591565
	[C/CE]	0.
12% of 1500	[AC/CAL]	0.
Percentage of 660	1500 [X] 12 [%]	180.
against 880	660 [÷] 880 [%]	75.
80 × 9 = 720	[MC] 80 [X] 9 [M+]	M 720.
-) 50 × 6 = 300	50 [X] 6 [M-]	M 300.
20 × 3 = 60	20 [X] 3 [M+]	M 60.
480	[MR]	M 480.

- If you leave the calculator screen on the display without performing any operation for about four minutes and 15 seconds, the display automatically switches to the clock screen.

■ Replacing the Battery

This calculator runs on a single lithium battery (CR2025).

Low battery power is indicated by a flickering or dim display. Replace the battery as soon as possible after you notice symptoms such as these.

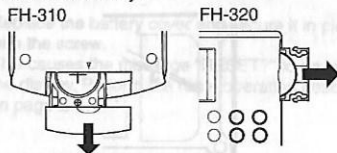
Note that replacing the battery causes all data in memory (phone numbers, appointments, currency names, conversion rates, etc.) to be deleted. Always make separate written copies of data you need before replacing the battery.

Remove the battery from the calculator if you do not plan to use it for a long time.

Replace the battery at least once every three years, regardless of how much you use the calculator.

• FH-310/FH-320

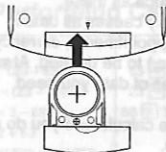
1. Slide the battery holder to remove it, and then remove the battery.



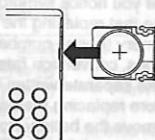
2. Wipe the new battery off with a soft cloth before inserting it. Make sure that the plus ⊕ side of the battery is facing up (so you can see it).

3. Insert the battery holder into the calculator.
This causes the message "RESET?" to appear on the display. Perform the reset operation described on page E-5.

FH-310

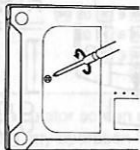


FH-320

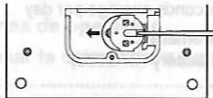


• FH-350

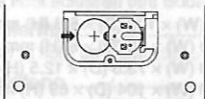
1. Use a screwdriver to remove the screw on the back of the calculator, and then remove the battery cover.



2. Using a thin, pointed object to press the battery in the battery holder, and then remove the battery.



3. While lifting up on the protruding part of the battery holder, insert a new battery into place.
 - Wipe the new battery off with a soft cloth before inserting it. Make sure that the plus ⊕ side of the battery is facing up (so you can see it).



4. Replace the battery cover and secure it in place with the screw.
This causes the message "RESET?" to appear on the display. Perform the reset operation described on page E-5.

■ Specifications

Accuracy at Normal Temperature:

Within ± 3 seconds average per day

Power Requirements:

One lithium battery (CR2025)

Battery Life:

Approximately 10 months (1 minute of beeper operation and 5 minutes of telephone mode or schedule mode operation per day)

Operating Temperature:

0°C to 40°C

Dimensions:

FH-310: 70 (W) $\times$ 100 (D) $\times$ 6.8 (H) mm

FH-320: 100 (W) $\times$ 70 (D) $\times$ 8 (H) mm

FH-350: 100 (W) $\times$ 73.5 (D) $\times$ 12.5 (H) mm (closed)
100 (W) $\times$ 104 (D) $\times$ 69 (H) mm (open)

Weight:

FH-310: 60g (including battery)

FH-320: 60g (including battery)

FH-350: 110g (including battery)

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Scan : casio.ledudu.com