SHARP

ELECTRONIC ORGANIZER

MEMO MASTER 100

MODEL EL-6061H

OPERATION MANUAL

<CONTENTS>

1 Cautions

- Do not carry the EL-6061H in the pocket of your slacks or trousers.
- Do not drop or apply excessive force.
- Do not subject the EL-6061H to extreme temperatures.
- Clean only with a soft, dry cloth.
- At times, カナ, 英, «ＯＤ, ↪, AM and PM may appear faintly on the display. This, however, will not affect the operation of the EL-6061H.
- Use only a SHARP approved service facility.

2 Using the EL-6061H for the First Time

To ensure a blank memory, perform the following operation.

(The memory contents will be cleared by this operation.)

[1] Press ⌈ ON/C ⌉ and then the **RESET switch** on the back, then press ENTER.

[2] Repeat, press the **RESET switch** again, then press ENTER again.

Note: Press the **RESET switch** with a ball-point pen or similar object.

3 Part Names

SHARP EL-6061H **MEMO MASTER 100**   • SEARCH •

SMITH ROBERT
212-555-1212

- ❶ (OFF)
- ❷ (%) MKGK
- ❸ (CE)
- ❹ (C) ON
- ❺ (0) SYMBOL
- ❻ (•) MARK
- ❼ (7) ABC
- ❽ (8) DEF
- ❾ (9) GHI
- ❿ (4) JKL
- ⓫ (5) MNO
- ⓬ (6) PQR
- ⓭ (1) STU
- ⓮ (2) VWX
- ⓯ (3) YZ
- ⓰ (=) SPACE
- (÷)
- (×)
- (−)
- (+) CALENDAR
- (CM)
- (RM)
- (M−)
- (M+)
- ⓴ (MODE)
- ⓳ (SECRET)
- ⓲ (N↔A)
- ⓱ (ENTER)
- ㉑ ⋀ ⋁

㉒ RESET switch (on the back)

2

1. Power OFF key
2. Percent/Memory Check key
3. Clear Entry key
4. Power ON/Clear key
5. Zero/SYMBOL key
6. Alphanumeric keys
7. Decimal point/Schedule priority MARK key
8. Equals/SPACE key
9. Division key
10. Multiplication key
11. Subtraction/Hyphen key
12. Addition/CALENDAR key
13. Clear memory/Right cursor key
14. Recall memory/Left cursor key
15. Memory minus/Up key
16. Memory plus/Down key
17. ENTER key
18. Number-Alphabet key
19. SECRET key
20. MODE key
21. SEARCH keys

Cursor movement

The cursor can be moved by $\boxed{\text{CM}}$, $\boxed{\text{RM}}$, $\boxed{\text{M-}}$ or $\boxed{\text{M+}}$.

$\boxed{\text{CM}}$: Moves the cursor to the right.　　$\boxed{\text{RM}}$: Moves the cursor to the left.

$\boxed{\text{M-}}$: Moves the cursor to the leftmost column of the upper line.

$\boxed{\text{M+}}$: Moves the cursor to the leftmost column of the lower line.

Hold $\boxed{\text{CM}}$ or $\boxed{\text{RM}}$ for rapid movement.

4　Changing Operation Modes

This EL-6061H has three operation modes: telephone mode, schedule mode and calculator mode.

1. Press $\boxed{\text{ON C}}$ to turn the EL-6061H on. The telephone mode will be selected automatically, and ☎ will be displayed.

2. Press $\boxed{\text{MODE}}$ to select the schedule mode. ▱ will be displayed.

3. Press $\boxed{\text{MODE}}$ to select the calculator mode. No symbol will be displayed.

4. Press $\boxed{\text{MODE}}$ to return to the telephone mode. ☎ will be displayed.

5 Entering Characters in the Alphanumeric Line

In the telephone mode, up to 6 lines (72 columns) can be entered for one item. Each line consists of 12 columns. The first line is called the alphanumeric line, and can contain letters, symbols and numbers. The remaining 5 lines (60 columns) are called the number lines, and contain only numbers.

In the schedule mode, the upper line of the display is called the alphanumeric line, and contains 12 columns. The month, date, hour and minutes can be entered in the lower line (the number line). To enter characters in the alphanumeric line, press $\boxed{\text{M}\stackrel{\bullet}{-}}$ to move the cursor to the alphanumeric line.

1. Entering letters
Example: Enter AB.

1. Press $\boxed{\text{N}\leftrightarrow\text{A}}$ to display $\boxed{\text{A}}$.
2. Press $\boxed{\stackrel{\text{ABC}}{7}}$. "A" will be displayed.
3. Press $\boxed{\stackrel{\bullet}{\text{CM}}}$ to move the cursor to the next column.
   - This step can be omitted if the same key is not used to enter successive letters.

5

4 Press $\boxed{\overset{\text{ABC}}{7}}$ twice. "B" will be displayed.
  • As $\boxed{\overset{\text{ABC}}{7}}$ is pressed repeatedly, the displayed letter changes in the following order: A → B → C → A ⋯

2. Entering symbols ($, ¥, ➡, :)

1 Press $\boxed{\text{N↔A}}$ to display $\boxed{\text{A}}$.
2 Press $\boxed{\overset{\text{SYMBOL}}{0}}$. As $\boxed{\overset{\text{SYMBOL}}{0}}$ is pressed repeatedly, the displayed symbol changes in the following order: $ → ¥ → ➡ → : → $ ⋯
3 To enter successive symbols, perform the procedure described in Step 3 above.

3. Entering numbers

1 Press $\boxed{\text{N↔A}}$ to clear $\boxed{\text{A}}$.
2 Press $\boxed{\overset{\text{SYMBOL}}{0}}$ through $\boxed{\overset{\text{GHI}}{9}}$ to enter numbers.

4. Entering hyphens, dots or spaces (−, . , " ")

Press $\boxed{-}$, $\boxed{\overset{\text{MARK}}{\bullet}}$ or $\boxed{\overset{\text{SPACE}}{=}}$.
In the schedule mode, dots (.) cannot be entered.

6

6 Telephone Mode

1. Entry

Example: Enter SMITH ROBERT 212-555-1212.

|1| Press MODE to select the telephone mode, and then press [ON/C].

|2| Enter the name in the alphanumeric line.

STU 1	MNO 5	GHI 9	GHI 9	GHI 9	STU 1	STU 1	GHI 9	GHI 9	SPACE =	PQR 6	PQR 6
PQR 6	MNO 5	MNO 5	MNO 5	ABC 7	ABC 7	DEF 8	DEF 8	PQR 6	PQR 6	PQR 6	STU 1
STU 1											

|3| Press M+ or CM to move the cursor to the next line.

```
SMITH   ROBERT
☎
─
```

|4| Enter the telephone number in the number lines.

VWX 2	STU 1	VWX 2	─	MNO 5	MNO 5	MNO 5
─	STU 1	VWX 2	STU 1	VWX 2		

|5| Press ENTER to store in memory.

7

2. Recall

Telephone items are sorted in this order:

Space → letters → numbers → − → • → symbols ($ → ¥ → ➡ → :)

(1) Sequential search

Press $\boxed{\text{v}}$ or $\boxed{\land}$ to recall items in forward or reverse order.

Hold $\boxed{\text{v}}$ or $\boxed{\land}$ down for rapid recall.

(2) Direct search

Enter the first character(s) of the item and press $\boxed{\text{v}}$ or $\boxed{\land}$ to recall that item directly. If an item that begins with the specified character is not in memory, "**NOT FOUND!**" will be displayed.

3. Correction and deletion

To correct, during entry or after the item is recalled:

To correct an item, move the cursor to the position that requires correction. Enter the correct characters and press $\boxed{\text{ENTER}}$.

To delete an item, recall the item, press $\boxed{\text{CE}}$ ("**DELETE OK?**" will be displayed), and then press $\boxed{\text{ENTER}}$. To cancel delete, press any key other than $\boxed{\text{ENTER}}$.

4. Data memo calculation

Currency conversions and other calculations can be performed using data stored in the telephone mode.

Example: Convert $2.75 to yen when $1 = ¥140.

First store the conversion rate in the telephone mode.

Enter: $ ➡ ¥ RATE 140

Enter the conversion rate in the 2nd line (13th through 24th columns).

- Data memo calculations cannot be performed if the conversion rate is entered in the 3rd or later lines.
- The cursor will not move past the 2nd line if a decimal point is entered in the 2nd line.

Press $\boxed{\lor}$ or $\boxed{\land}$ to recall the conversion rate.

$\boxed{\times}$ $\boxed{\overset{\text{VWX}}{2}}$ $\boxed{\overset{\text{MARK}}{\bullet}}$ $\boxed{\overset{\text{ABC}}{7}}$ $\boxed{\overset{\text{MNO}}{5}}$ $\boxed{\overset{\text{SPACE}}{=}}$

If an incorrect number such as a telephone number is entered, an error will occur ("E" will be displayed). Press $\boxed{\overset{\text{ON}}{C}}$ and perform the correct operation.

```
🅐 $ ➡ ¥   RATE
☎ 1 4 0
```

```
☎              3 8 5 .
```

1. Entry

Example: Enter FLIGHT AB12 scheduled for 10:30 P.M. on August 26.

1. Press `MODE` to select the schedule mode, and then press `ON/C`.

2. Enter the date and time in the lower line. Enter the time in the 24-hr. system. Each number should have two digits.

SYMBOL 0	DEF 8	VWX 2	PQR 6	VWX 2	VWX 2	YZ 3
SYMBOL 0						

```
A _
📱 0 8 - 2 6   2 2 : 3 0
```

- After date and time entry, the cursor moves to the upper line and **A** is displayed.
- When not entering the time, press `M−` and proceed to the next step. The time will be entered as 00:00.

3 Enter the schedule details.

DEF 8	DEF 8	DEF 8	JKL 4	JKL 4	JKL 4	GHI 9
GHI 9	GHI 9	► CM	GHI 9	► CM	GHI 9	GHI 9
STU 1	STU 1	SPACE =	ABC 7	► CM	ABC 7	ABC 7
N↔A	STU 1	VWX 2				

```
FLIGHT  AB12_
08-26  22:30
```

4 Press ENTER to store in memory.

If the user attempts to store an impossible date or time, "**ERROR!**" is displayed. Enter the correct date and time and press ENTER.

2. Recall

Schedule items entered are sorted in chronological order from 00:00 Jan 1st to 23:59 Dec 31st. Items can be recalled using any of the four following methods.

(1) Sequential search

Press ∨ or ∧ to recall items in forward or reverse order.

Hold ∨ or ∧ down for rapid recall.

(2) Detail search

Press M← to move the cursor to the upper line. Enter the first character(s)

11 of the schedule details and press ∨ or ∧ to recall that item directly.

(3) Date search

Enter the date and press $\boxed{\vee}$ or $\boxed{\wedge}$ to recall the item directly.

(4) Priority mark search

Attach the priority mark to an item, that item will be recalled first with $\boxed{\vee}$ or $\boxed{\wedge}$. Pressing $\boxed{\vee}$ / $\boxed{\wedge}$ again recalls in forward/reverse order items stored after/before the item with the priority mark.

< Attaching the priority mark >

During entry, press $\boxed{\text{MARK}}$, ($\blacksquare$ will be displayed) enter item and press $\boxed{\text{ENTER}}$. For items already entered, recall with $\boxed{\vee}$ or $\boxed{\wedge}$, press $\boxed{\text{CM}}$ or $\boxed{\text{RM}}$ and then press $\boxed{\text{MARK}}$ ($\blacksquare$ will be displayed), then press $\boxed{\text{ENTER}}$.

• The priority mark can only be attached to one item.

< Removing the priority mark >

Recall the item with the priority mark, press $\boxed{\text{CM}}$ or $\boxed{\text{RM}}$, then $\boxed{\text{MARK}}$ ($\blacksquare$ will be cleard) and then press $\boxed{\text{ENTER}}$.

3. Correction and deletion

Correct and delete items using the same procedure as that used in the telephone mode (page 8).

12

4. Calendar function

If the year is set, the day of the week for an item can be displayed.

(1) Setting the year

Example: Set the year to 1990.

1. Press |MODE| to select the schedule mode, and then press | ON/C |.

2. Press |CALENDAR/+|.
   - The current set year will be displayed.

   ```
   YEAR?
   1901
        └── Flashes
   ```
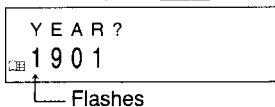
3. Enter the year and then press |ENTER|.

   | STU/1 | GHI/9 | GHI/9 | SYMBOL/0 | ENTER |

   - The year can be set between 1901 and 2099. Once the year is set, the year setting will not change until a new year is set.

13

(2) Checking the day of the week

Example: Check the day of the week for August 18th, 1990.

1. Set the year (if necessary).

2. Enter the date in the lower line, then press and hold $\boxed{\substack{\text{CALENDAR} \\ +}}$.

$\boxed{\substack{\text{SYMBOL} \\ 0}}$ $\boxed{\substack{\text{DEF} \\ 8}}$ $\boxed{\substack{\text{STU} \\ 1}}$ $\boxed{\substack{\text{DEF} \\ 8}}$ $\boxed{\substack{\text{CALENDAR} \\ +}}$

```
1 9 9 0   S A T
08 - 18   00 : 00
```
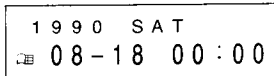
- The year and day of the week will be displayed on the upper line while $\boxed{\substack{\text{CALENDAR} \\ +}}$ is held. When $\boxed{\substack{\text{CALENDAR} \\ +}}$ is released, the display returns to the item entry prompt.
- To check the day of the week for dates in another year, first set the year to the desired year.

(3) Checking the day of the week for a stored item

1. Recall the item to be checked.

2. Press and hold $\boxed{\substack{\text{CALENDAR} \\ +}}$ down.

- The year and day of the week in the upper line and the date and time in the lower line are displayed.

14

8 Secret Function

Use this function to prevent other people having access to the stored items. The secret function can be used in telephone and schedule modes. Up to 6 characters can be entered as a password. (Spaces must be followed by some other character.)

1. Registering a password
Example: Register the password ADG.

1. Press MODE to select the telephone (or schedule) mode, press ⓒ to display the item entry prompt.

2. Press SECRET, ▶ will flash.
   - If "**PASSWORD?**" is displayed, a password has already been registered. To register a new password (if you forget the password), delete the current password and secret items, refer to the "**Clearing memory (Reset operation)**" on page 23. Be sure to jot the password down somewhere safe.

3 Enter the password — ADG.   Press $\boxed{\overset{ABC}{7}}$ $\boxed{\overset{DEF}{8}}$ $\boxed{\overset{GHI}{9}}$.

4 Press $\boxed{\text{SECRET}}$, ▮▬ will stop flashing.

2. Closing the secret function

1 Press $\boxed{\overset{ON}{C}}$ $\boxed{\text{SECRET}}$. The password will be displayed, and the entire display will flash.

2 Press $\boxed{\text{SECRET}}$. "**SECRET CLOSE**" will be displayed for an instant, and ▮▬ will be cleared to indicate that the secret function is closed.

  • The secret function can also be closed by pressing $\boxed{\text{SECRET}}$ when recalling stored items.

3. Opening the secret function

1 Select the telephone or schedule mode.

2 Press $\boxed{\overset{ON}{C}}$ $\boxed{\text{SECRET}}$. "**PASSWORD?**" will be displayed.

3 Enter the password and press $\boxed{\text{SECRET}}$. "**SECRET OPEN**" will be displayed for an instant and ▮▬ will be displayed to indicate that the secret function is open.

16

- The secret function can be opened by pressing $\boxed{\frac{\text{ON}}{\text{C}}}$, entering the password and then pressing $\boxed{\text{SECRET}}$. (In the schedule mode, press $\boxed{\text{M} \triangleq}$ to move the cursor to the upper line, enter the password and then press $\boxed{\text{SECRET}}$.)

4. Storing secret items

Items entered when the secret function is open ($\blacksquare\!\!\rightarrow$ is displayed) are stored as secret items.

1. Open the secret function.

   Refer to "**3. Opening the secret function**" on page 16.

2. Store the item using the procedure described for non-secret items. The item will be stored as a secret item.

   - Close the secret function by performing the procedure described in "**2. Closing the secret function**" on page 16. The item can no longer be recalled.

5. Recalling secret items

Secret items can be recalled only when the secret function is open (▮➡ is displayed).

[1] Open the secret function.

Refer to "**3. Opening the secret function**" on page 16.

[2] Press ∨ or ∧ to recall the item.

Secret items can also be recalled with the direct search and priority mark search procedures as described for non-secret items.

• Items for which ▮➡ flashes are secret items.

• In the telephone mode, secret items are recalled before non-secret items.

6. Correcting and deleting secret items

After opening the secret function, secret items can be corrected and deleted using the same procedures as described for non-secret items.

7. Changing the password

1. Open the secret function.
   Refer to "**3. Opening the secret function**" on page 16.

2. Press $\boxed{\substack{\text{ON} \\ \text{C}}}$ $\boxed{\text{SECRET}}$. The password will be displayed and the entire display will flash.

3. Press $\boxed{\text{C/a}}$.
   ▬ and the first character of the password will flash.

4. Enter a new password.

5. Press $\boxed{\text{SECRET}}$.
   The password has now been changed. ▬ will stop flashing.

- If an incorrect password is used when opening the secret function, the display will appear as shown. Press $\boxed{\substack{\text{ON} \\ \text{C}}}$ and repeat the procedure using the correct password.

```
x x x x x x x x x x x x
0 0 0 0 0 0 0 0 0 0 0 0
```
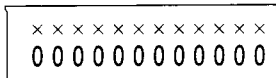
9 Calculator Mode

Press MODE to select the calculator mode.
Before performing a calculation, press $\boxed{\frac{ON}{C}}$ $\boxed{CM}$.

Example	Operation	Display
$(-24 + 2) \div 4 = -5.5$	$\boxed{\frac{ON}{C}}$ $\boxed{-}$ 24 $\boxed{+}$ 2 $\boxed{\div}$ 4 $\boxed{=}$	− 5.5
$34 + 57 = 91$ $45 + 57 = 102$	34 $\boxed{+}$ 57 $\boxed{=}$ 45 $\boxed{=}$	91. 102.
$68 \times 25 = 1700$ $68 \times 40 = 2720$	68 $\boxed{\times}$ 25 $\boxed{=}$ 40 $\boxed{=}$	1700. 2720.
$200 \times 10\% = 20$ $9 \div 36 = 25(\%)$	200 $\boxed{\times}$ 10 $\boxed{\%}$ 9 $\boxed{\div}$ 36 $\boxed{\%}$	20. 25.
$200 + (200 \times 10\%) = 220$ $500 - (500 \times 20\%) = 400$	200 $\boxed{+}$ 10 $\boxed{\%}$ 500 $\boxed{-}$ 20 $\boxed{\%}$	220. 400.
$4^6 = (4^3)^2 = 4096$	4 $\boxed{\times}$ $\boxed{=}$ $\boxed{=}$ $\boxed{\times}$ $\boxed{=}$	4096.
$1/8 = 0.125$	8 $\boxed{\div}$ $\boxed{=}$	0.125

$25 \times 5 = 125$	CM 25 × 5 M+	M 125.
$-) 84 \div 3 = 28$	84 ÷ 3 M−	M 28.
$+) 68 + 17 = 85$	68 + 17 M+	M 85.
182	RM	M 182.
$135 \times (12 + 14) = 3510$	CM 12 + 14 M+	M 26.
	135 × RM =	M 3510.
$(12 + 14) \div 5 = 5.2$	RM ÷ 5 =	M 5.2
$2 + 3 \rightarrow 2 + 4 = 6$	2 + 3 CE 4 =	6.
1234567891×145 $= 179012344195$	1234567891 × 145 =	E 17.90123441
	CE	17.90123441
	$(17.90123441 \times 10^{10} = 179012344100)$	

Errors

When the integer part of a calculation result or any integer in the memory exceeds 10 digits, or other impossible operations are attempted, an ERROR will occur. (''E'' will appear in the upper line.)

Press ON/C to clear the error. Overflow errors can be cleared with CE.

Memory check

1. Press MODE to select the telephone or schedule mode, then press $\boxed{\frac{\text{M·CK}}{\%}}$ to display how many more characters can be stored in memory.

2. Press $\boxed{\frac{\text{M·CK}}{\%}}$ again to display how many telephone and schedule items are stored.

These displays are toggled by pressing $\boxed{\frac{\text{M·CK}}{\%}}$.

Press any key other than $\boxed{\frac{\text{M·CK}}{\%}}$ to return the display to the item entry prompt.

- The EL-6061H can store up to 1936 characters in its telephone and schedule memory. Up to 120 items (6 characters for the name and 12 characters for the number) can be stored if all memory is used as a telephone directory. If ENTER is pressed to store items when the remaining memory capacity is insufficient, "**FULL! NOT IN**" will be displayed and the item will not be stored. In this case, press $\boxed{\frac{\text{ON}}{\text{C}}}$, and either delete previously stored items or change the item to

22

be stored so that it will not exceed the memory capacity. Repeat the storing *procedure once again.*

When storing characters, each character in the alphanumeric line is counted as one character, and two digits in the number lines are counted as one character. If there is an odd number of digits in the number lines, the leftover digit is counted as one character. Further to the space taken up by characters, four space characters are used for separators.

If nothing is entered in an alphanumeric line, one space character will be stored in memory.

Clearing memory (Reset operation)

Press ⌈ $\frac{ON}{C}$ ⌉ before clearing memory.

< Clearing the password and secret items >

• If a password is registered

Clear the password and secret items before clearing the memory contents. Follow this procedure. (If a password is not registered, skip this procedure. Follow the next procedure.)

23

1. Press the **RESET switch**.
2. Press ENTER.
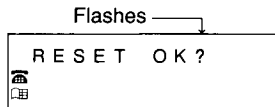   (To cancel this operation, press any key other than ENTER.)

Flashes ——

```
 □┅   R E S E T   O K ?
☎
▥
```

< Clearing the memory contents >

- If a password is not registered

1. Press the **RESET switch**.
2. Press ENTER.
   (To cancel this operation, press any key other than ENTER.)

Flashes ——

```
       R E S E T   O K ?
☎
▥
```

When Abnormal Conditions Cause a Malfunction

Abnormal conditions may occur in which no keys will respond. If this happens, press the **RESET switch** on the back of the EL-6061H and then **any key other than** ENTER.

11 Power Supply

The EL-6061H uses one lithium battery (CR2016).
The EL-6061H will automatically turn off if no key is pressed for about 7 minutes.
(The actual time may vary depending upon the condition of use.)
When the battery becomes exhausted, the display will appear faint and will be
difficult to read when looked at correctly.

The contents of the memory will be lost when the battery is replaced, so be
sure to keep a written record of all important data.

Battery replacement

1. **Turn the power off** and remove the screw and battery cover. (Fig. 1)
2. Remove the old battery with a ball-point pen or similar object. (Fig. 2)
   Install the new battery with the ⊕ side up. (Fig. 3)
3. Replace the battery cover and secure the screw. (Fig. 4)

Fig. 1 | Fig. 2 | Fig. 3 | Fig. 4
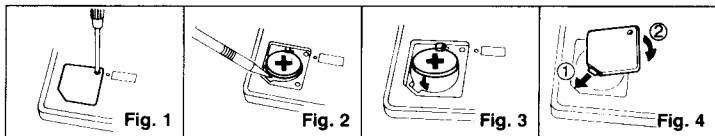
4 Proceed with the reset operation, refer to **Clearing memory (Reset operation)** on page 23.

• The reset operation must be performed after replacing the battery, or the EL-6061H may not operate properly (i.e. " ナマエ？ " may be displayed).

< **Precautions** >

• Keep the battery out of the reach of children.
• A worn battery left in the EL-6061H may leak and damage the EL-6061H.
• Explosion risk may be caused by incorrect handling.
• It is only allowed to replace with the same type of this battery.

The actual life of the supplied battery may be less than 2,000 hours as the battery was installed in the factory.

12 Specifications

Model:	EL-6061H
Display:	Upper line: 12 columns, 2 symbols Lower line: 12 columns, 2 symbols
< Telephone mode >	Name and number, entry and recall
< Schedule mode >	Schedule details, date and time, entry and recall
Memory capacity:	1936 bytes (Total for both Telephone and Schedule modes)
< Calculator mode >	
Digits:	10
Functions:	Addition, subtraction, multiplication, division, percent, memory calculation, etc.
Power supply:	3V ⎓ DC (Lithium battery CR2016; 1)
Power consumption:	0.0002 W
Operating temperature:	0°C — 40°C (32°F — 104°F)
Battery life:	Approx. 2,000 hours (continuous display)
Weight:	70 g (0.15 lb.) (including the wallet)
Dimensions:	108(W) × 68(D) × 7.2(H) mm (4-1/4″(W) × 2-11/16″(D) × 9/32″(H)) (excluding the wallet)
Accessories:	1 lithium battery (installed), operation manual.

27