

This device complies with FCC part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

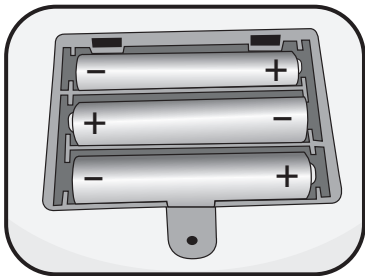
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio/TV technician for help.

Battery Information

Adult Installation Required

1. Open the battery compartment door on the bottom of unit by removing the screw with a screwdriver (not included) and lift up.
2. Insert three (3) "AAA" size batteries (not included) as per the polarity marking inside the battery compartment.
3. Replace the battery compartment door and screw.



BATTERY PRECAUTIONS:

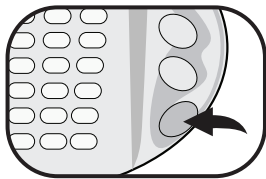
Follow these precautions when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the batteries in the device are weak/dead or if the device will not be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)
6. Do not dispose of batteries in a fire; batteries may leak or explode.

Operation

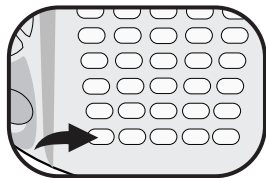
ON/OFF/MODE BUTTON

1. Press the ON/OFF/MODE button to turn the unit on.
2. While on, repeatedly press the ON/OFF/MODE button to cycle through the modes: Clock - World Time - Calculator - Currency Converter - Password (if set) - Chat - Telephone Directory and Schedule.
3. Press and hold the ON/OFF/MODE button until the display disappears to turn the unit off.



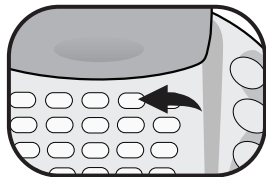
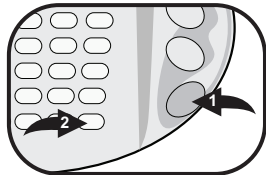
MUTING THE UNIT

1. To Mute the unit, press the Mute (🔇) button; "🔇" will appear in the display.
Press again and the unit will emit a beep and "🔇" will disappear from the display.



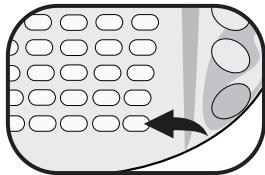
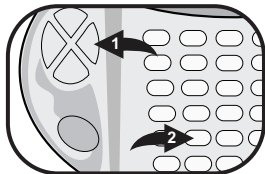
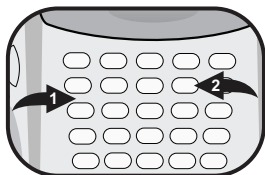
TO SET THE TIME/DATE

1. Repeatedly press the ON/OFF/MODE button ① until the time/date appears.
2. Press the CE/AC/Time Set button ②; the first digit of the year will blink.
3. Press the ÷/12-24 button to set the unit to the 12 hour (USA Standard) or 24 hour (military time) mode. "24 HR" will appear in the display when set to 24 hour mode.



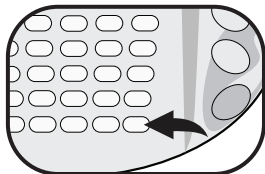
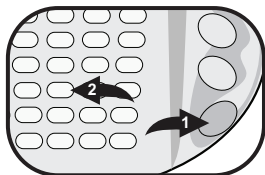
Operation (Continued)

4. Enter the last two digits of the year (ex., "09" for 2009) with the Calculator/Alphabet buttons ❶. Repeat for the month, day, hour and minute.
5. If the clock is set to the 12 hour mode, press the x/AM-PM button ❷ to set to AM or PM respectively.
6. Use the Navigation (◀, ▶) buttons ❶ to go forward or backward to change a number.
DST: If it is daylight savings time, press the √/DST button ❷ to set.
7. When finished, press the CE/AC/Time Set button and the clock will be set.



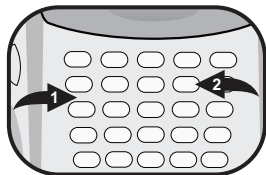
TO SET THE ALARM

1. Repeatedly press the ON/OFF/MODE button ❶ until the time/date appears.
2. Press the =/Alarm button ❷ to enter the alarm mode.
3. Press the CE/AC/Time Set button; the first digit of the hour will blink.

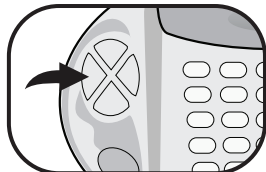


Operation (Continued)

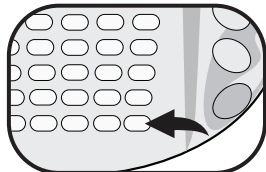
4. Using the Calculator/Alphabet buttons ❶, enter the two digits for the alarm hour and then two digits for the alarm minute.
5. If the clock is set to the 12 hour mode, press the x/AM-PM button ❷ to set to alarm time to AM or PM respectively.



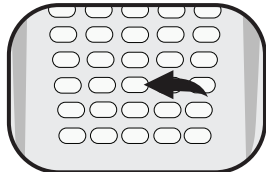
6. Use the Navigation (◀, ▶) buttons to go forward or backward to change a number.



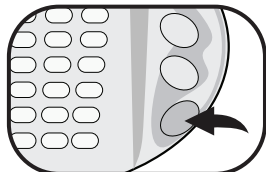
7. When finished, press the CE/AC/Time Set button and the alarm will be set.



8. While the clock appears in the display, press the =/Alarm button to enter the Alarm mode. Press the =/Alarm button again to turn the alarm on; the bell indicator will appear. Press again to turn the alarm off; the bell indicator will disappear.



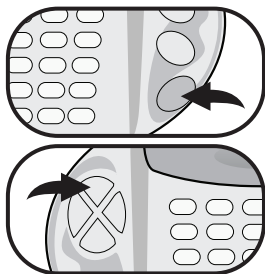
9. When the actual time matches the alarm time, the alarm will sound. Press the ON/OFF/MODE button to turn the alarm off and leave it set for the following day.



Operation (Continued)

WORLD TIME

1. Repeatedly press the ON/OFF/MODE button until the World Time appears.
2. Scroll through the world times using the Navigation (▲, ▼) buttons; see chart below.

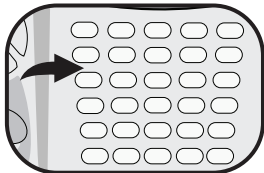
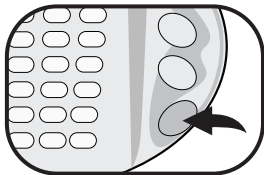


| GMT | City Code | City | Other Major Cities in Same Time Zone |
|-----|-----------|-------------|--|
| -10 | HNL | Honolulu | Papeete |
| -09 | ANC | Anchorage | Nome |
| -08 | SEA | Seattle | — |
| -08 | LAX | Los Angeles | San Francisco, Las Vegas, Vancouver, Dawson City |
| -07 | DEN | Denver | El Paso, Edmonton |
| -06 | CHI | Chicago | Houston, Dallas/Fort Worth, New Orleans, Mexico City, Winnipeg |
| -05 | NYC | New York | Montreal, Detroit, Miami, Boston, Havana, Lima, Bogota, Washington DC |
| -04 | CCS | Caracas | La Paz, Santiago, Port of Spain |
| -03 | BSL | Brasilia | — |
| -00 | LON | London | Dublin, Casablanca, Dakar, Abidjan |
| +01 | PAR | Paris | Milan, Madrid, Amsterdam, Algiers, Berlin, Hamburg, Frankfurt, Vienna, Stockholm, Lisbon |
| +01 | ROM | Rome | — |
| +02 | CAI | Cairo | — |
| +03 | MOS | Moscow | — |
| +04 | DXB | Dubai | Abu Dhabi, Muscat |
| +05 | KHI | Karachi | — |
| +07 | BKK | Bangkok | Jakarta, Phnom Penh, Hanoi, Vientiane |
| +08 | HKG | Hong Kong | Singapore, Kuala Lumpur, Beijing, Taipei, Manila |
| +08 | PEK | Perth | — |
| +09 | TYO | Tokyo | Seoul, Pyongyang |
| +10 | SYD | Sydney | Melbourne, Guam, Rabaul |
| +12 | ACK | Auckland | — |

Operation (Continued)

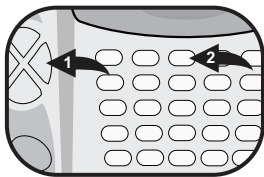
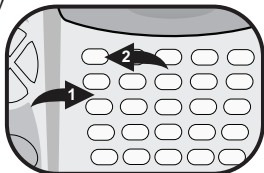
CALCULATOR

1. Repeatedly press the ON/OFF/MODE button until the Calculator (CAL) appears.
2. Use as a standard 8-digit calculator, using the Calculator/Alphabet buttons. (See key on page 16.)



ENTERING LETTERS

1. To enter letters using Chat/Scheduler, etc., simply use the Calculator/Alphabet buttons ❶ as you would on a regular cell phone. For example, press 7 ❷ once for a, twice for b, three times for c, four times for 7. (See key below.)
2. If entering a letter in a different Calculator/Alphabet button, just press the other Calculator/Alphabet button. If using the same button, press the Navigation ► button ❶ to advance to the next space. For example, if typing "HI", press the 9 button ❷ twice, then the Navigation ► button ❶, and then press the 9 button three times.



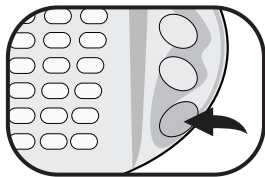
| | | |
|---------|-----------|---------|
| 7: ABC7 | 8: DEF8 | 9: GHI9 |
| 4: JKL4 | 5: MNO5 | 6: PQR6 |
| 1: STU1 | 2: VWX2 | 3: YZ3 |
| 0: @0 | ∴ Symbols | |

Operation (Continued)

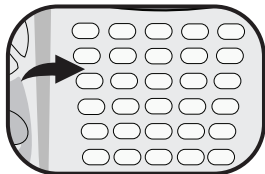
CURRENCY CONVERTER

1. Repeatedly press the ON/OFF/MODE button until the Currency Converter (CONV?) appears in the display.

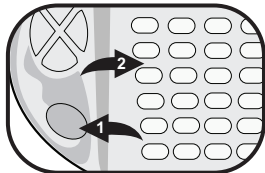
NOTE: If used previously, press the %/Delete button followed by the ENTER button to delete the currency shown.



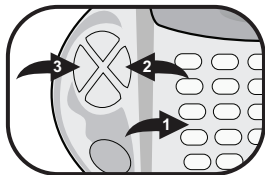
2. Using the Calculator/Alphabet buttons, enter the two letter codes for the first country, and then two letters for the second country. See page 8 for details on entering letters.



3. Press the ENTER button ❶ to confirm; "RATE?" will appear in the display. Enter the exchange rate using the Calculator/Alphabet buttons ❷ and press the ENTER button again. (Exchange rates can be found on the Internet.)



4. Using the Calculator/Alphabet buttons ❶, enter the currency amount, then press the Navigation ► button ❷ to view the exchange from the first country to the second country. Press the Navigation ◀ button ❸ to view from the second country to the first country.



See the next page for the Currency Code chart.



Operation (Continued)

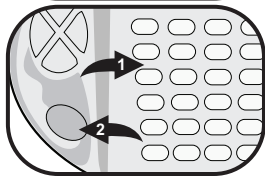
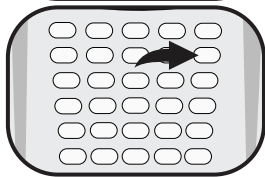
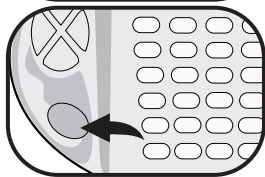
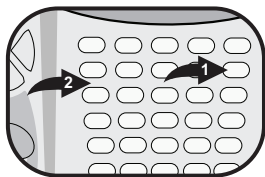
Currency Code chart:

| Country & Currency | Code | Country & Currency | Code |
|-----------------------------------|------|---|------|
| USA - Dollars | US | India - Rupees | IN |
| Argentina - Pesos | AR | Iran - Rials | IR |
| Aruba - Guilders/Florins | AW | Israel - New Shekels | IL |
| Australia - Dollars | AU | Japan - Yen | JP |
| Bahamas - Dollars | BS | Korea - Won | KR |
| Barbados - Dollars | BB | Lebanon - Pounds | LB |
| Belize - Dollars | BZ | Mexico - Pesos | MX |
| Bermuda - Dollars | BM | Mongolia - Tugriks | MN |
| Bolivia - Bolivianos | BO | Nepal - Rupees | NP |
| Brazil - Reals | BR | Netherlands Antilles - Guilders/Florins | AN |
| Britain (United Kingdom) - Pounds | GB | New Zealand - Dollars | NZ |
| Canada - Dollars | CA | Nigeria - Nairas | NG |
| Cayman Islands - Dollars | KY | Pakistan - Rupees | PK |
| Chile - Pesos | CL | Peru - Nuevos Soles | PE |
| China - Yuan Renminbi | CN | Philippines - Pesos | PH |
| Colombia - Pesos | CO | Russia - Rubles | RU |
| Costa Rica - Colón | CR | Saudia Arabia - Riyals | SA |
| Cuba - Pesos | CU | Singapore - Dollars | SG |
| Cyprus - Pounds | CY | South Africa - Rand | ZA |
| Denmark - Kroner | DK | Sweden - Kronor | SE |
| Dominican Republic - Pesos | DO | Syria - Pounds | SY |
| Egypt - Pounds | EG | Taiwan - New Dollars | TW |
| El Salvador - Colón | SV | Thailand - Baht | TH |
| England (UK) - Pounds | GB | Trinidad & Tobago - Dollars | TT |
| Euro | EU | Turkey - Liras | TR |
| Falkland Islands - Pounds | FK | Uruguay - Pesos | UY |
| Fiji - Dollars | FJ | Vietnam - Dong | VN |
| Gibraltar - Pounds | GI | Yemen - Rials | YE |
| Hong Kong - Dollars | HK | Zimbabwe - Dollars | ZW |

Operation (Continued)

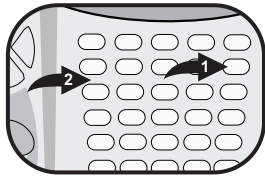
SETTING THE PASSWORD

1. When setting the Password for the first time, press the  button ❶; "LOCK?" will appear in the display. Enter the desired four digit Password using the Calculator/Alphabet buttons ❷.
2. Press the ENTER button and the unit will be locked; a key icon will appear in the display. When in the Locked mode, any mode after the Currency Converter will need the password to access.
3. To unlock the Password, press the  button; "PASS?" will appear in the display.
4. Enter the four digit Password using the Calculator/Alphabet buttons ❶. Press the ENTER button ❷ and the unit will be unlocked, the key icon will disappear in the display.



SETTING THE ID

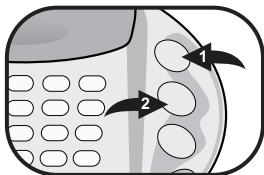
1. When setting the ID for the first time, press the ID button twice ❶; "ID?" will appear in the display. Enter the desired four digit ID using the Calculator Alphabet buttons ❷. Press the ENTER button and the ID will be set.



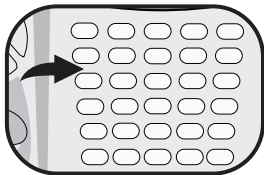
Operation (Continued)

CHATTING

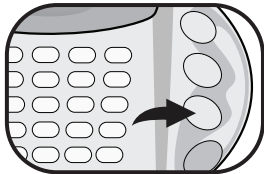
1. Turn both units on and press the **CHAT** button ❶ on both units; "CHAT?" will appear in the display. You can also press the **RECE** button ❷ on the receiving unit and the **CHAT** button on the sending unit.



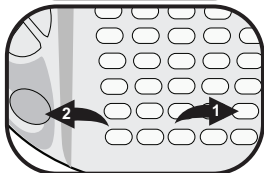
2. Using the Calculator/Alphabet buttons, enter a message as described on page 8. Each entry can store up to 32 characters.



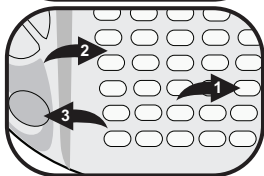
3. After typing the message, press the **SEND** button; "P/I?" will appear in the display. To send a standard message, go to step 4. To send a private message, go to step 5.



4. To send the message without knowing the other unit's ID, press the **ICQ CALL** button ❶. The other unit will then receive the message. Press the **ENTER** button ❷ to save the message. Skip step 5.



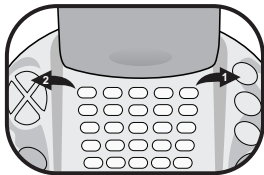
5. To send the message privately, press the **Private CALL** button ❶. Then enter the other unit's ID using the Calculator/Alphabet buttons ❷ followed by the **ENTER** button ❸. The other unit will then receive the message. Press the **ENTER** button to save the message.



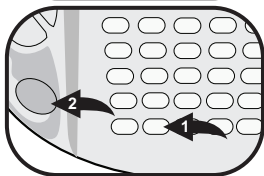
Operation (Continued)

VIEWING/DELETING SENT/RECEIVED MESSAGES

1. Press the CHAT button ❶ and scroll through using the Navigation (▲, ▼) buttons ❷ to view a saved message.



2. To delete a message, select it and then press the %/Delete button ❶. Press the ENTER button ❷ to confirm the deletion.



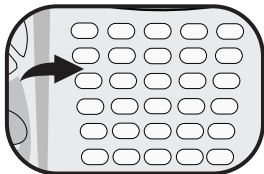
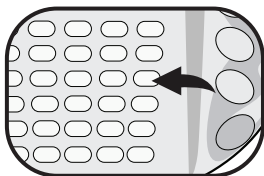
CHAT NOTES:

- It is not recommended to chat under strong radio interference environment.
- Maximum transmission distance is approximately 300 feet in open area.

TELEPHONE/CONTACTS

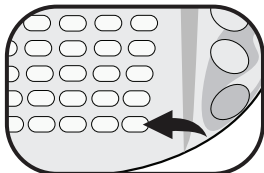
You can store up to 1KB of phone numbers, email addresses or websites in the telephone directory. Each entry can store up to 32 characters and 12 digits.

1. Press the TEL button; "NAME?" will appear in the display.
2. Using the Calculator/Alphabet buttons, enter a name, email address and or web page (up to 32 characters) as described on page 8.



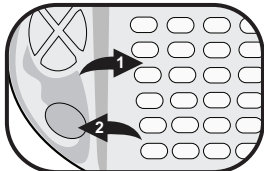
Operation (Continued)

3. Press the CE/AC/Time Set button to move the cursor down one line.

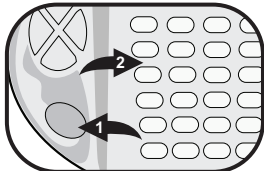


4. Using the Calculator/Alphabet buttons ❶, enter a telephone number (up to 12 characters).

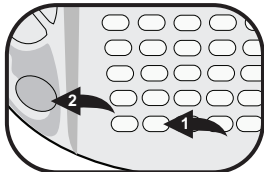
Press the ENTER button ❷ to save the information.



5. To edit, locate the entry you want to edit and then press the ENTER button ❶. Change as desired using the Calculator/Alphabet buttons ❷ and press the ENTER button ❶ again to save the changes.

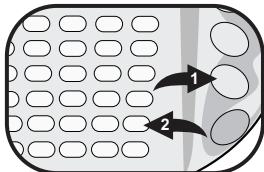


6. To delete contacts, locate the entry, then press the %/Delete button ❶ followed by the ENTER button ❷ to confirm.



SENDING A CONTACT

1. To send a contact, locate the entry, then press the SEND button ❶ followed by the ICQ CALL button ❷. The information is then sent to the other unit and stored in its contacts. You can also send privately by performing step 5 on page 12.
2. Press the ENTER button on the receiving unit to store the contact.

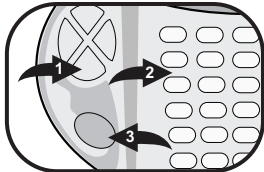
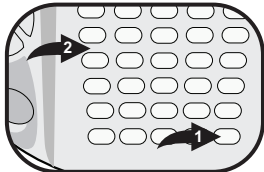
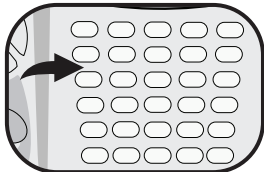
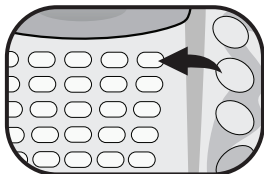


Operation (Continued)

SCHEDULER

You can store up to 1KB of information in the Scheduler. Each entry can store up to 32 characters.

1. Press the SCH button; "SCH?" will appear in the display.
2. Using the Calculator/Alphabet buttons, enter the name of the event as described on page 8.
3. Press the CE/AC/Time Set button ❶ to move the cursor down one line. Enter the last two digits of the year using the Calculator/Alphabet buttons ❷.
4. Press the Navigation ▼ button ❶ and then set the two digits of the month using the Calculator/Alphabet buttons ❷. Repeat to set the day, hour (based on 24 hour format) and minute. When finished, press the ENTER button ❸ to confirm the scheduled event.



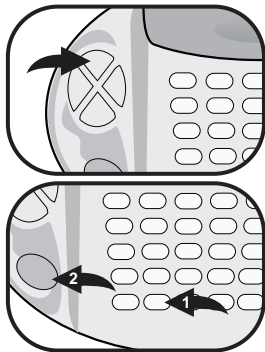
NOTES:

- When the actual time matches the Scheduled time, the alarm will sound. Press the ON/OFF/MODE button to turn the alarm off and leave it set for the following day.
- You can go back and change a setting using the Navigation ▲ button.

Operation (Continued)

DELETING A SCHEDULE

1. Select the desired schedule using the Navigation (\blacktriangle , \blacktriangledown) buttons.
2. Press the %/Delete button ❶ followed by the ENTER button ❷ to confirm.



CALCULATOR

0-9: Numbers
.: Decimal Point
+/-: Positive/Negative
÷: Division
x: Multiplication
-: Subtraction
+: Addition
√: Square Root
MC: Memory Clear

MR: Memory Recall
M+: Add the sum shown on the display into the memory.
M-: Subtract the sum shown on the display in the memory.
%: Percentage
CE/AC: Press once to clear the latest entry. Press again to reset all functions.

RESETTING THE UNIT:

Follow the instructions below to reset the unit. Note that resetting the unit will cause all data to be erased, including the password, schedule, etc.

1. Insert a straightened pin or similar pointed object into the Reset hole on the back of the unit; "RESET?" will appear in the display.
2. Press the ENTER button to confirm and reset the unit.

Troubleshooting Guide

If you experience a problem with this unit, check the chart below before calling for service.

| SYMPTOM | POSSIBLE CAUSE | POSSIBLE SOLUTION |
|--|--|---|
| Unit will not turn on. | Batteries are weak or dead. | Replace batteries. |
| | The unit will enter the sleep mode after not playing for 3 minutes | Press the ON/OFF button. |
| Poor lighting. | Batteries low | Replace batteries. |
| Communication distance reduced. | Batteries low. | Replace batteries. |
| | Interference by other electrical appliance. | Remove or switch off the electrical appliance. |
| Cannot receive private message. | Using wrong ID number. | Check the ID number of receiving unit and send again. |
| Cannot save new message, telephone number or schedule. | Memory is full. | Delete some useless message, telephone number or schedule. |
| All others. | Interference by electrical appliance or improper use. | Reset the unit by pressing the RESET button on the back of the unit, or remove and replace the batteries. |