

Instruction Manual



Thank you for purchasing our BC-2000 baby monitor. Your unit has been manufactured and checked under the strictest possible quality control to ensure that each system leaves the factory in perfect condition. If in the unlikely event you find any defects or have any problem, please contact your dealer, our branch or service center.

Please read this manual carefully to obtain maximum performance & extended service life from the unit.

Features

- 16 selectable digital codes provide high degree of immunity from interference.
- Selectable two channels with crystal clear operation.
- Audio and visual alert for out-of-range and low battery warning on receiver.
- Temperature sensor in transmitter alerts the receiver when the baby's room temperature falls outside the selected range.
- Adjustable sensitivity for microphone.
- Night light in transmitter.
- Automatic back-lighted LCD for easy viewing.
- Visual level meter showing received signal strength even when volume is turned down.
- With the optional BSM-1, the transmitter can detect baby's movement (even the slightest breathing movement) and alert the receiver when it detects no movement.

WARNING

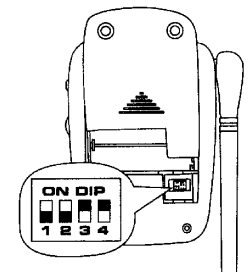
The BC-2000 baby monitor should not be regarded as a medical device to prevent cases of infant death syndrome or COT death. Premature babies or those considered to be at risk should be under the supervision of your doctor or health professional.

Direct supervision of your baby at regular intervals by a responsible adult is strongly recommended in addition to using the BC-2000.

SETTING OF DIGITAL CODES

(A) Transmitter

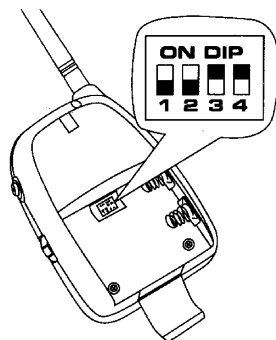
Slide open the battery cover, with the help of a pointed object, select one of the sixteen settings of the four dip switches.



(B) Receiver

Slide open the battery cover, set the positions of the four dip switches to the same setting as the transmitter. Make sure the number sequence is the same.

N.B. In case you still find interference in actual operation, either change to another channel or change the settings of the four dip switches to a new combination. Make sure to keep the same setting in both transmitter and receiver.

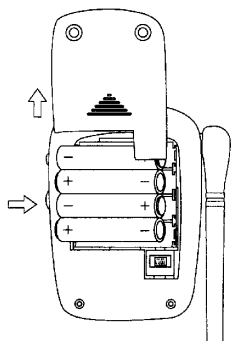


POWER SUPPLY

(A) Transmitter

1. Operation from batteries

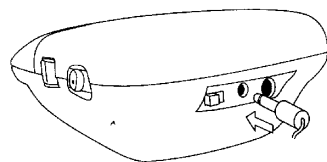
Slide open the battery cover. Insert four dry cells (UM-3 size "AA"), observe correct polarity (+/-) indication.



2. Operation from house current (AC power)

The transmitter can be operated on house current using the supplied 9V AC adapter. Connect the output plug of the adapter to the DC jack of the transmitter, make sure the polarity is correct.

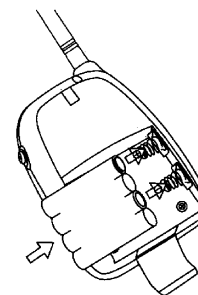
The communication range is **LONGEST** when the transmitter is operated on house current.



(B) Receiver

1. Operation from rechargeable battery pack

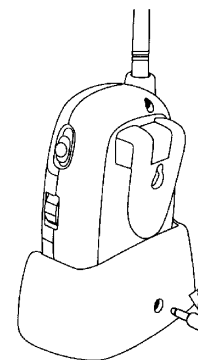
Slide open the battery cover. Insert the supplied rechargeable Ni-mH battery pack into the compartment. Make sure the two springs are in contact with the two polarities of the battery pack.



2. Operation from house current using the charging stand

Connect the output plug of the supplied 6V AC adapter to the DC jack of the charging stand, make sure the polarity is correct. With the battery pack in the receiver, place the unit into the charging pocket, the charging lamp will light up indicating that the Ni-mH battery is being charged up.

Before using the receiver for the first time, charge up the Ni-mH battery pack with the charging stand for over twelve hours.

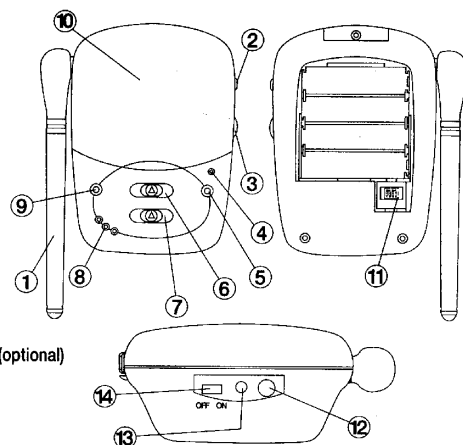


CAUTION : BESURE THAT THE BATTERY IN THE RECEIVER IS RECHARGEABLE TYPE BEFORE YOU PLACE IT INTO THE CHARGING STAND. OTHERWISE, EXPLOSION MAY OCCUR.

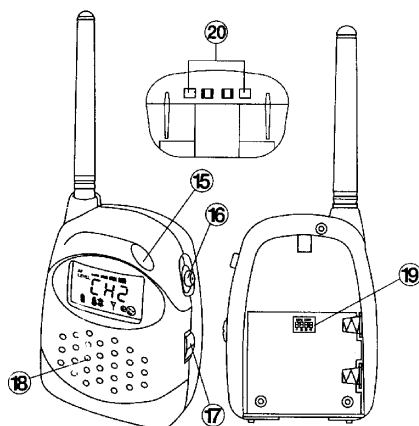
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the User's authority to operate the equipment.

CONTROLS LAYOUT

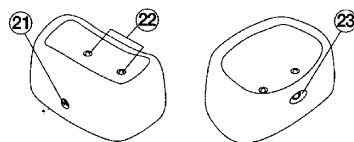
1. Antenna
2. Power/Channel Selector
3. Mic Sensitivity Knob
4. Microphone
5. Power/Battery Low Indicator
6. Night Light Switch
7. Temperature Range Selector
8. Temperature Sensor
9. Transmit Indicator
10. Night Light
11. Digital Code Dip Switch
12. Input Jack for Movement Sensor Mat (optional)
13. DC Jack
14. Movement sensor switch
15. Mute Button
16. Channel Selector
17. Volume Control with Power Switch
18. Speaker
19. Digital Code Dip Switch
20. Receiver Charging Contacts
21. DC Jack
22. Charging Pins
23. Charging Lamp



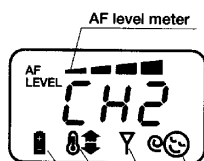
Receiver



Charging Stand



LCD



Battery low icon

Temperature alert icon

Out of range icon

Breathing alert icon

OPERATION

TRANSMITTER

1. Place the transmitter about one meter from the crib with the microphone facing towards the baby.
2. Rotate the antenna to its upright position.
3. Using the **channel selector**, switch on the unit to either Channel 1 or 2. The **power indicator** will light up green. If the batteries become run down, it will light up red.
4. Adjust the **mic sensitivity knob** such that the unit will be set to transmit whenever the microphone picks up a sound at your desirable loudness level. The **transmit indicator** will light up once the unit is in transmit mode.
5. The unit will automatically return to standby mode a few seconds after the microphone stops picking up any sound.
6. Depending on how you would like the night light to operate, set the **night light switch** to the desirable position.

VOX : The night light will be automatically switched on once the unit picks up any sound. 30 seconds after the unit returns to standby mode, the night light will be switched off.

OFF : The night light will always be OFF. (It is recommended to set to OFF position when using dry batteries).

ON : The night light will always be ON. (The temperature sensor may not detect the room temperature correctly due to heat from the light bulb).

7. Set the **temperature range selector** to a position that most resembles the existing temperature of the baby's room. In case you choose OFF, the temperature sensor inside the unit will not function. This is useful when you need to carry the baby outside the house where the temperature is not stable.

Once the room temperature falls outside the selected range for more than two degree Celsius, the unit will send out an alarm signal to the receiver.

8. If you have not purchased the optional movement sensor mat (BSM-1), ALWAYS set the **movement sensor switch** to OFF position. Otherwise, the unit will be sending false alarm signal to the receiver.

RECEIVER

1. Set the **channel selector** to the same channel as the transmitter.
2. Turn the **volume control** to switch on the unit at a reasonable distance away from the transmitter. (Too close a distance will create feedback which cause a queer sound at the speaker).

3. The LCD will show up all the icons for a while and then only the channel no. will be displayed under normal operating condition.

N.B. The Out-of-Range alert may sound for a while until the unit receives a signal from the transmitter.

4. Whenever a signal is received, the **AF level meter** will show up in the LCD. The louder the baby's voice, the more sections will be shown. This visual level meter is useful when you need to turn down the volume to keep the environment quiet.
5. This unit is equipped with a battery low alert function. When the rechargeable battery runs down, the **battery low icon** will show up and an alarm will be heard. Recharge the battery by placing the unit in the supplied charging stand.

N.B. The receiver will operate normally while the battery is being charged. It is not recommendable to operate the unit in the charger stand WITHOUT the rechargeable battery pack.

6. Once the unit is outside the communication range of the transmitter, the **out-of-range icon** will be shown and an alarm will be heard.

N.B. This alarm will also be heard in case the transmitter is switched off or its battery has run down.

7. In case the baby's room temperature rises up or falls below the selected temperature range for more than 2 degree Celsius, the **temperature alert icon** will show up and an alarm will be heard. The arrow head will be shown upward or downward depending on the temperature is rising or falling.
8. Everytime the unit receives a signal from the transmitter or sounds an alarm, the LCD will be back lighted to show the icons in dark environment.
9. When an alarm sounds, it can be muted for 2 minutes by pressing the **mute button**, but the corresponding icon will still be shown in the LCD. In case the situation remains unchanged after two minutes, the alarm starts sounding again.

10. Alarm Priority

High

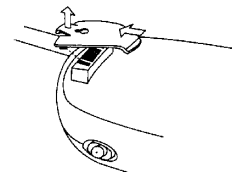


Low

- a. Movement Alarm
- b. Temperature Alarm
- c. Out-of-Range Alarm
- d. Battery Low Alarm

Only one type of alarm will be heard at any one instant, but the respective icons can be shown simultaneously in the LCD.

11. The receiver can be carried around using the belt clip for convenience. To remove belt clip, follow diagram as shown.



PRECAUTIONS

- Use only the supplied AC adapters. Use of other adapters may cause damage to the BC-2000 baby monitor.
- When not using the monitor for a long period of time, remove all batteries from the transmitter and receiver to avoid damage or battery leakage.
- Disconnect the AC adapter from the wall outlet when the monitor is not to be operated.
- The BC-2000 is best performed within a temperature range of 5°C to 45°C.
- Do not leave the monitor expose to direct sunlight for a long time or near any heat source, moisture and excessive dusty environment.
- Do not open the cabinet, no serviceable part inside.

STANDARD ACCESSORIES

- | | |
|----------------------------------|------------------------------|
| a. 9V AC adapter for Transmitter | e. Receiver unit |
| b. 6V AC adapter for Receiver | f. Rechargeable Battery pack |
| c. Charging Stand for Receiver | g. User Manual |
| d. Transmitter unit | |

