Famidoc

BABY MONITOR

Model: FDBB-V2
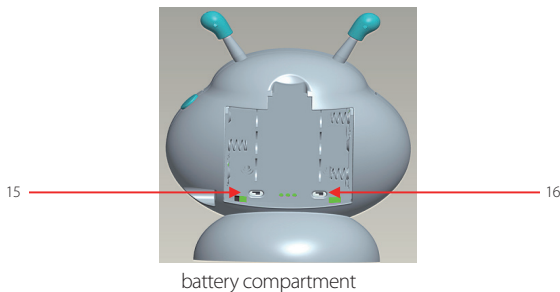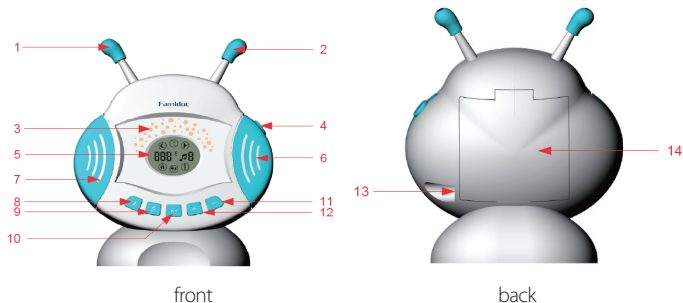

Be sure to read this instruction manual before operation and keep properly.

Contents

1.Illustration

A. Baby Unit

front

back

battery compartment

1. temperature sensor	9. next
2. antenna	10. music play/stop button
3. night light	11. volume up
4. on/off/lock button	12. volume down
5. LCD	13. DC adapter jack
6. speaker	14. battery compartment
7. microphone	15. Celsius/Fahrenheit switch
8. night light on/off button	16. sound sensitivity switch

B. Parent Unit
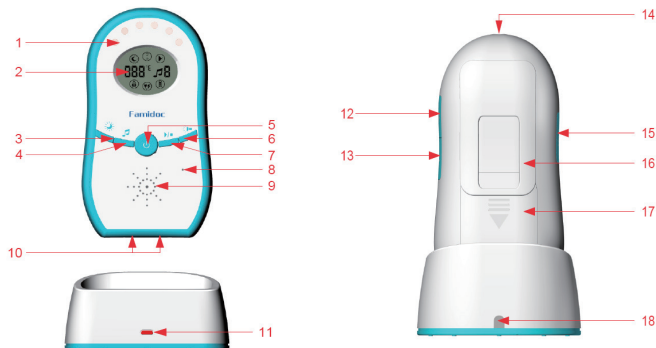
1. connecting and sound level indicators
2. LCD
3. night light on/off button
4. next
5. on/off button
6. flashlight on/off button
7. music play/stop button
8. microphone
9. speaker
10. charger port
11. power indicator
12. volume up
13. volume down
14. flashlight
15. talk button
16. clip
17. battery compartment
18. DC adapter jack

C. AC adapter
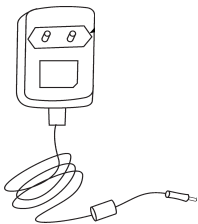
2. Scope of Application

Family, hospital, safety protection etc.

3. Intended use

The unit is using for wireless monitor the sound and ambient temperature of baby side.

4. Basic parts and accessories

Baby unit, parent unit, charger, AC adapter, 3x AA normal alkaline batteries, 3x AAA rechargeable NiMH batteries.

5. Product features

5.1 Multiplicate power supply
   normal alkaline battery, rechargeable NiMH battery, AC adapter .
5.2 Wireless low power consumption, automatic frequency hopping
   Wireless transmitting power, automatic control, automatic frequency hopping to avoid interference with the work under power saving mode.
5.3 Long-distance wireless voice control
   The parent unit can monitor the baby unit in 300m without obstacles.
5.4 Wireless two-way intercom
   Parents cam hear the voice from baby side through wireless transmission.
5.5 Baby unit can detect the ambient temperature
   The LCD of baby unit can display the ambient temperature, and wireless transmit the temperature information to parent unit.
5.6 Night light of baby unit
   The night light can be used to light the night.
5.7 Eight baby songs
   Play songs timed or long time, you can also cycle selections.
5.8 Celsius and Fahrenheit switch
   Toggle the Celsius and Fahrenheit switch inside the battery compartment, both units will change the temperature automatically.
5.9 Adjustable sound sensitivity
   Toggle the sound sensitivity switch inside battery compartment can adjust the sound level of baby unit.

5.10 backlight

You can operate the unit easily and see the LCD clearly both day and night.

5.11 Flashlight of parent unit

At night, parents can shine the flashlight at any time.

5.12 Base re-charger of parent unit

Parent unit re-charges when place on base unit.

5.13 lock baby unit

In order to prevent misuse button, baby unit with lock funtion.

5.14 Alarm for wireless disconnection

If the distance too far or the baby unit is off, the parent unit will alarm.
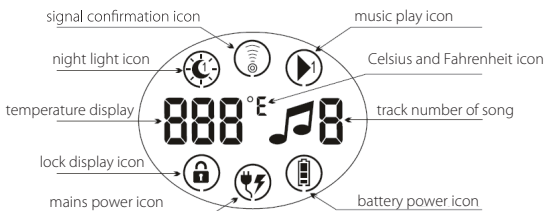
5.15 Alarm for low power

Either baby unit or parent unit is low power, the LCD will show the icon, and parent unit will alarm.

6. Cautions

1   Before using this product, please read this manual carefully, and keep for future reference.
2   The baby monitor is only as an auxiliary, not substitute for adult supervision
3   When baby unit and parent unit close together, do not adjust the volume of the parent unit too high.
4   When the signal confirmation icon is flashing or alarm, please make sure the parent unit and baby unit are switch on, then close to these two units till connection.
5   Do not put the product into the metal box when using it, so as not to shield the product wireless signal.
6   When you bath, shower and pool time, please do not use this product, hence the product will cause an electric shock to sink to the water
7   This product can only operate in line with the instructions of the power supply adapter, if your home is not this type of power supply, consult your dealer or local power company.
8   Do not make the product is exposed to extreme temperatures.
9   Please do not put candles, cigarettes, etc. on the product.
10 Do not place the product on an unstable cart or table, the product may fall causing serious damage.
11 Ensure that the baby unit and the power cord out of reach of the baby (at least 1 meter).
12 If you will not use the product for a long time, please remove the batteries.

13 There is a risk of explosion if the batteries are replaced by an incorrect type. Dispose of used batteries according to the instructions.

14 The re-chargeable battery icon in the battery compartment means that only re-chargeable batteries can be used.

15 Use only the mains power adapter supplied. Using an incorrect adapter may permanently damage your Baby Monitor.

16 If you place the Parent and Baby units too close together you will hear a high pitched noise, this is normal. The units are designed to be located at a distance from one another.

17 Do not press the Talk button when the Baby unit and Parent unit are positioned in the same room. Highpitch noise will be generated if the Talk button is pressed when Baby unit and Parent unit are close to each other or within 3 metres distance.

18 Put down / mute the Parent unit before you go into the nursery in order to prevent any high-pitched whistle / feedback.

19 The temperature sensor used in this Baby Monitor is intended as a guide, to provide parents with an indication of the room temperature in which the unit has been placed. It is is not intended to be as accurate as some medical devices.

20 If you set the sensitivity level too low, only louder sounds in the baby's room will be picked up and communicated back to you via the Parent unit. The Unit will not pick up quieter background noises.

7. Icons shown on LCD

signal confirmation icon
night light icon
temperature display
lock display icon
mains power icon
music play icon
Celsius and Fahrenheit icon
track number of song
battery power icon

8. How to use the baby monitor

8.1 Power supply

A Baby unit
Use battery: open the battery cover, put 3xAA normal alkaline batteries correctly, then close the battery cover.

Mains power: First plug the AC adapter into the 220V AC outlet, make sure power supply, then plug the DC output plug into the DC adapter jack of the baby unit, the unit will switch on.

B Parent unit
Use battery: First pull out the clip, then open the battery cover, put 3xAAA normal alkaline batteries or rechargeable NiMH batteries correctly, then close the battery cover, and fit the clip.

Mains power: First plug the AC adapter into the 220V AC outlet, make sure power supply, then plug the DC output plug into the DC adapter jack of the base. If the parent unit is charging, the indicator will light, and vice versa.

8.2 Power on
Baby unit: Press on/off button 1 second, LCD will show all icons(picture 1.1). Then LCD will only show the ambient temperature, signal confirmation icon, mains power icon and battery power icon(picture 1.2). If the batteries inside the unit, LCD will show the battery power icon and current power level. If no battery, the battery power icon will empty(picture 1.3). If mains power leads to the unit, LCD will show mains power icon. If the baby unit is connecting with parent unit, the signal confirmation icon will be shown stable, otherwise this icon will flash with the frequency of 1 second.

Picture 1.1   Picture 1.2   Picture 1.3

Parent unit: Press on/off button 1 second, LCD will show all icons(picture 1.4). Then LCD will only show the ambient temperature, signal confirmation icon, mains power icon and battery power icon. If no mains power, LCD will only show the battey power icon. If the mains power leads to the unit, LCD will show the mains power icon, and the battery is

charging. If the batteries are charging complete, the battery power icon will full, and vice versa. If the parent unit is connecting with baby unit, -- ℃ will be shown(picture1.6), and the signal confirmation icon will flash with the frequency of 1 second. When the unit is connecting with baby unit, LCD will show the actual ambient temperature of baby unit, the signal confirmation icon will stable(picture1.5). When the ambient temperature is lower than 10 ℃ , LCD will show Lo(picture1.7). When the ambient temperature is higher than 38 ℃ , LCD will show HI(picture1.8).
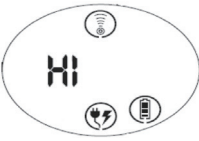

(picture1.4)

(picture1.5)
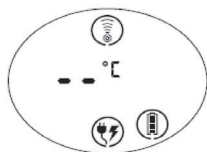
(picture1.6)

(picture1.7)

(picture1.8)

8.3 Power off

Baby unit: Press the on/off button 1 second, the backlight will off, LCD will show OFF, then power off(picture1.9).

(picture1.9)

(picture2.0)

Parent unit: Press on/off button 1 second, the backlight will off, LCD will show OFF, then power off(picture2.0)

Baby unit

Night light: Press the night light button 1 second, the night light icon will show 1(picture2.1) and the night light will flash 1 hour, then off.

(picture2.1)　　　　　(picture2.2)

Press the night light button 3-5 seconds, the night light will flash long time, the night light icon will not show 1(picture2.2).

Music

Press the music play/stop button 3-5 second, the songs will be played 10 minutes, then stop(picture2.3)

(picture2.3)　　　　　(picture2.4)

Press the music play/stop button 3 seconds, the songs will be played continuous, and the music play icon will not show 1.Press this button again, the music will be stopped(picture2.4)

Select a song: Press the next button to select the next song. If the song is the last one, it will back to the first song. Meanwhile, both units will changing the song.

Celsius and Fahrenheit switch

Toggle the Celsius and Fahrenheit switch to C, LCD will show ℃ (picture 2.5). Toggle the Celsius and Fahrenheit switch to F, LCD will show ℉ (picture 2.6).

Switch C/F, LCD will show the temperature in ℃ or ℉ accordingly.

(picture 2.5)　　　　(picture 2.6)　　　　(picture 2.7)

lock button

Press the lock button 3-5 seconds, other buttons will not work. Press this button 3-5 seconds again to cancel the lock function.

Baby unit

When the unit is lock, except the on/off button, other buttons will not work.

Parent unit

When the baby unit is lock, even if the parent unit does not cancel the lock function, it can still control the music and night light of baby unit.

When the parent unit is charging, and the batteries are not full, the battery power icon will scroll up and down. When the charging complete, the battery power icon will full.

sound sensitivity switch

Toggle the adjustable sound sensitivity switch to L, the sound level is low. Toggle the adjustable sound sensitivity switch to H, the sound level is high. LCD will not show any icon, you should listen to the sound and see the indicator after connected both units.

8.4 After connection both units

- Press the music play/stop button, night light button and C/F switch of baby unit, the LCD of both units will simultaneous display
- Press the music play/stop button and night light button of parent unit, the LCD of both units will simultaneous display.
- Press the next button of baby unit, the song will switch to the next, the music of both units will simultaneous change.
- Press the next button of parent unit, the song will switch to the next, the music of both units will simultaneous change.
- Press the volume button of baby unit, the volume of song will be adjusted accordingly, the volume of both unit will simultaneous change.
- Press the volume button of parent unit, it can only control the volume of parent unit, the baby unit will not be changed.
- Toggle the C/F switch, both units will show the ambient temperature at the same time.
- Temperature will update every 5 seconds
- Toggle the sound sensitivity switch, the volume and LED volume indicator will change.
- When the baby unit is low power, the empty battery power icon of baby unit will flash with the frequency of 1 second. Meanwhile, the parent unit will show the same

icon with the same frequency, and alarm …be.be…be.be… 5 times. If you did not replace the battery, the same alarm will appear after 5 minutes. If still low power, the unit will alarm every 5 minutes. 5 times later, both units will off.

- Press and hold the left talk button of parent unit, release the button after talk
- Press the volume up/down button of parent unit to adjust the volume
- When the parent unit is low power, the baby unit does not reflect any. The empty battery power icon will flash with the frequency of 1 second, and alarm…be.be…be.be…5 times. If you did not replace the battery, the same alarm will appear after 5 minutes. If still low power, the unit will alarm every 5 minutes. 5 times later,the parent unit will off.
- When the parent unit is beyond the effective distance range, the signal confirmation icon will flash with the frequency of 1 second and alarm with sound be.be…be…be…for 5 times and repeat after 5minutes,if not receive any signal,it will repeat sounding in every 5 minutes,then parent unit power off.
- When no signal , the unit will alarm …be…be…be
- When low power, the unit will alarm…be.be…be.be…
- Use battery for power supply, when the battery power is too low,it will display blank battery symbol after switch on and the backlight disappear after 3 seconds,,when the power very low,can't switch on.

9. Specifications

Baby unit

Model	FDBB-V2 (Baby unit)
Power supply	9V DC/350mA adapter or 3x1.5V AA batteries
Standby current	≤120mAh
Module used Frequency range	2410-2473MHz
Module used Channels	64 Channels
Barrier-free transmission distance	300m (clear)
Low Power Indication	Battery icon flashes lower than 3.6V(3.6V±2%)
Operation Condition	10-38℃(50-100.4℉) ≤80%RH
Storage Condition	-25-55℃(-13-131℉) ≤95%RH
ambient temperature	10~38℃
Size	109.5(L)X108(W)X67.7(D)mm
Weight	135g±5%

Parent unit

Model	FDBB-V2 (Parent unit)
Power supply	9V DC/350mA adapter or 3x1.2V AAA 800mAh Ni-MH batteries
Standby current	≤100mAh
Module used Frequency range	**2410-2473MHz**
Module used Channels	**64 Channels**
Barrier-free transmission distance	300m (clear)
Low Power Indication	Battery icon flashes lower than 3.6V(3.6V±2%)
Operation Condition	10-38°C(50-100.4°F) ≤80%RH
Storage Condition	-25-55°C(-13-131°F) ≤95%RH
ambient temperature	10~38°C
Size	109.5(L)X108(W)X67.7(D)mm
Weight	137g±5%

10. Troubleshooting

Troubles or error message	Checklists or situation	Countermeasures or solution
No response when power supply by battery	Battery used up	Replace new battery or recharge battery or use external power supply
	Battery in wrong polarity or type	Take out battery and insert the right battery with right polarity
	Poor battery contact	
No responsible when use external power Supply	Adapter have no power	Adapter is not inserted into the outlet or socket have no power supply
	The model of adapter is wrong	Use the marked matching adapter
	Bad connection with power supply	plug dc male are not fully inserted into the position, bad connection between the plug ac male and outlet

Communication distance is not enough	The product was put at the side of metal form or in metal capsule	Put the product in place with no metal form
	Product fall down or fall on the ground	place the product in right position
Charge lamp of parent unit does not light	Battery is fully charged	Normal
	Chargeable battery is not existed in parent unit	Replace into the chargeable battery
	parent unit is not put on the recharge Stand	Normal
Parent unit alarm	Wireless signal is interrupted	Adjust the communicated distance and position of parent unit
	Low power in baby unit or parent unit	Replace the battery or use external power Supply
Hi or Lo symbol is display on the LCD	The ambient temperature of baby unit is too high or too low	Use under the normal environment

11. Laws and regulations

The Baby monitor FDBB-V2 has compliance with the regulations and standards as follows:

Regulations	Testing standards	Remarks
CE & RTTE	EN 300 440 -1 EN 300 440 -2	
LVD	EN60950-1	
EMC	EN 301 489-1 EN301 489-3	
FCC	FCC Part15C	For baby unit: FCC ID: PONFDBB-V2B For parent unit: FCC ID: PONFDBB-V2M

12. Cleaning and storage for the device

Before cleaning, please cut off the power of this product, please do not use liquid or gas cleaners. Clean the device by wiping gently with a damp cloth moistened with mild soap and water. Never immerse the device in water or other liquids. Wipe lead wires with

a damp cloth as above if they become soiled. To properly store the device for an extended period of time, remove the battery from the unit. Put the unit and accessories in the carrying case and store in a cool, dry location.

13. Product and battery disposal instructions

Dispose of the device in accordance with the regulations applicable at the place of operation.
Dispose of at public collection point in the EU countries – 2002/96/EC WEEE Directive.
If you have any queries, please refer to the local authorities responsible for waste disposal.

To protect the environment, dispose of empty battery at your retail store or at appropriate collection sites according to national or local regulations.

14. Declaration of Conformance

Hereby, Famidoc declares that this Baby Monitor is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The Declaration of Conformance for the Baby Monitor is available by calling the Baby Monitor Helpline on (+86)0769-89272488

15. WARRANTY

Please contact your dealer or the device centre in case of a claim under the warranty. If you have to send in the unit, enclose a copy of your receipt with clear statement of defect description.
The warranty terms as below:
1. The warranty period for device is one year from date of delivery. In case of a warranty claim, the date of delivery has to be proven by means of the sales receipt or invoice.
2. Repairs under warranty do not extend the warranty period.
3. The following cases are excluded under the warranty
   . Power cord or plug is damaged or worn
   . Products subjected to rain or water
   . Not operate correctly according to the instructions
4. Liability for direct or indirect consequential losses caused by the unit is excluded even if the damage to the unit is accepted as a warranty claim.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 an experienced radio/TV technician for help

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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