# Baby Alarm USER MANUAL

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# 1. Introduction

This document is a proposal for ADI pad for your reference.SW has received a request of developing and manufacturing Baby Alarm System. It will be applied on car area. Reminder you take care baby when you leave a car.

The System consists of one Slave and one Main.

**Safety Rules**

1) Please follow the rules depicted in this manual closely to ensure your safety. Before using this Baby Alarm, we would strongly encourage you to read through this user manual.
2) Be more wary of any edges, uneven surfaces, metal parts, accessories and its packaging so as to prevent any possible injury or damage.
3) Do not modify, repair or dismantle this Baby Alarm. Doing so may result in fires, electric shocks, complete breakdown of this Baby Alarm, etc. All of which, are not covered under warranty.
4) Do not use any diluents or volatile liquid to clean the Baby Alarm.
5) Do not use the Baby Alarm in a hazardous location.

# 2. Package includes

1X Baby Alarm
1X User Manual
1X Pad
4XAAA Dry Battery

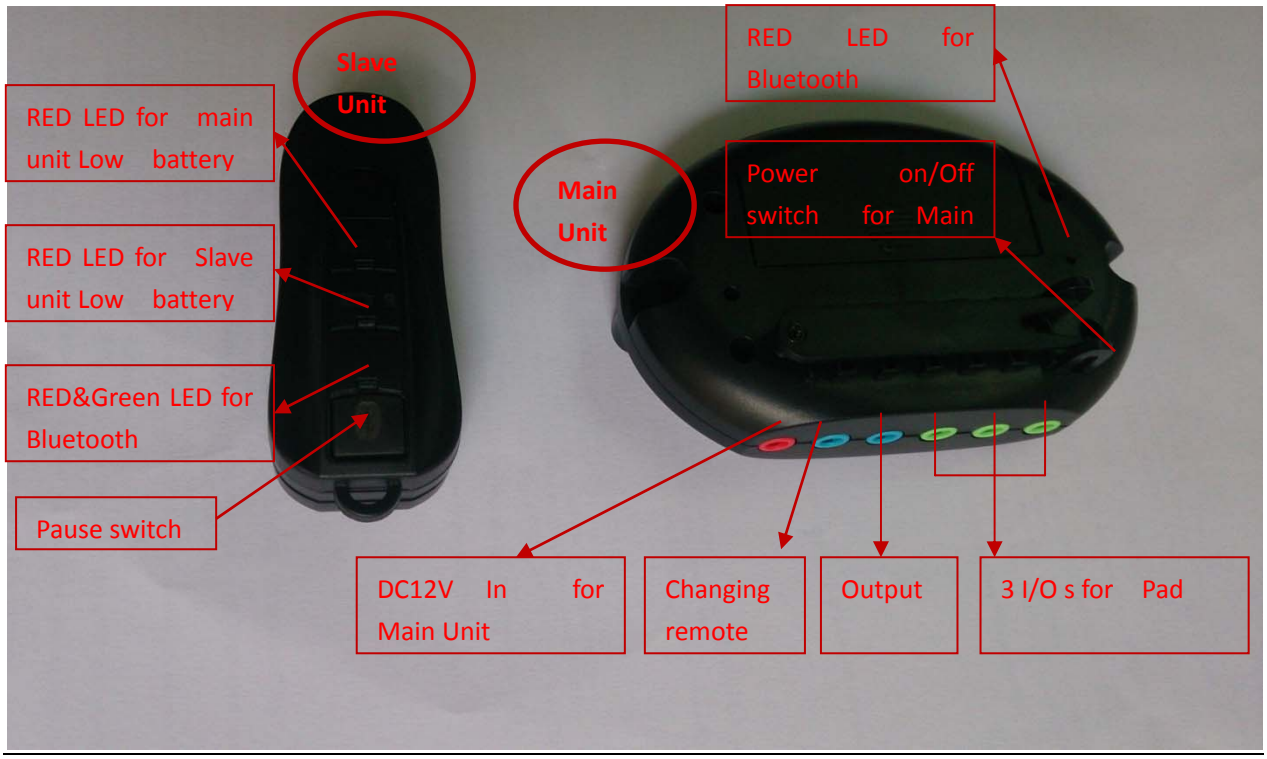
# 3. Connection Diagram


**Slave**

**Main**

Air Links  Switch  Led

## 4. How to use




**Baby Alarm System(Main unit and Slave Unit)**

**4.1** General Functions

- One main unit connect to one remote.
- The Bluetooth connection will break if the button on the remote is pressed over 5 seconds.
- UI on main unit：

A) There is one ON/OFF button on main unit. It controls the power on/off.

B）The main unit can connect to 3 sensor pads. The circuits for the three sensor pads have to be work independently. The weight on sensor pads causing the “beep” is larger than and equal to 1.5kg.

C）There is one output port on main unit, it will give out one pulse(500ms) when the remote alarm;

D）There is one input port for changing another remote once the remote has been

lost.

E) There is one 12VDC input port on main unit; Power is directly from car battery to main unit. That means that the main unit can always have power input.

However the main unit must also adopt dry cell battery. 2 x AA battery will be used in main unit for backup.

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However the main unit must also adopt dry cell battery. 2 x AA battery will be used in main unit for backup.

- UI on remote

A)2 red LEDs, one LED is for remote low battery alarm, the other is for main unit low batter alarm;

B) 1Red/Green led indicate wireless connection (Red: Wireless pairing broken, Green: Wireless paired successful);

C)One tact switch is for stop sound and vibrate，cut the Bluetooth connection by pressing over 5 seconds;

D)2 x AAA dry cell battery will be used in remote.

## **4.2** How to use

4.2.1 Assemble 2 AAA battery in Main Unit, Power on main unit by push On/Off switch to ‘On’ position, Red LED will flash;

4.2.2 Assemble 2 AAA battery in Salve Unit, Red& Green LED will flash in red, then will flash Green(one time per 5 seconds), that means blue tooth connected, Red LED on Main Unit will be Off;

4.2.3 Plug one Pad into everyone of 3 I/O ports for pad in Main Unit, press the pad by hand, the Buzz on slave Unit will sound 3 times, means the pad sensor is OK.

4.2.4 Place goods on pad(to simulate one baby seat on pad) , put the main Unit on desk(to simulate place it in car), move the slave unit, once the distance between main unit and slave unit is above 7-10 meters, the slave unit will alarm and vibrate; which remind you there is one baby in your car, you can press the’ Pause switch’ to stop the alarm and vibration; but after 10 seconds, if the distance between main unit and slave unit is still above 7 meters , the slave unit will alarm and vibrate again; and remind you again; once you remove the goods on pad(to simulate you take the baby out of car) , the slave unit will stop alarm and vibration, that means it is safe.

4.2.5 If the distance is above 15meter, the connection slave and main unit will break, slave unit red led will flash, the slave will alarm and vibrate; which remind you there is one baby in you car, you can press the’ Pause switch’ to stop the alarm and vibration;

but after 10 seconds, if the distance between main unit and slave unit is still above 15 meters , the slave unit will alarm and vibrate again; and remind you again;

4.2.6 No place goods on pad (to simulate no baby on pad), move the slave unit to any distance, the slave unit will not alarm and vibrate, means there is no baby in car.

4.2.7 Use DC12V to supply power for main unit, re-Do above steps.

## 5. Technical specification

| ITEM | Basic spec. |
|---|---|
| **Transport** | 1. Slave (transmitter，Brief：T)<br>2. Main ( receiver, Brief: R). |
| **Voltage** | Slave（2.1-3.3V）Main（normal：DC12V/ backup battery：2.1-3.3V） |
| **Latency** | Lower than 50ms |
| **Power consumption** | Standby time(Slave): >1 month with 2 AAA battery |
| **Software** | V1.0 |
| **Regulatory** | 1. “EMC Directive” (89/336/EEC)<br>2. FCC part 15(247)<br>3. ETS EN 300 328<br>4. ETS EN 301 489-1<br>5. IEC 60950 |
| **Cost** | / |
| **Interfere** | one main connect one Wireless Slaves |
| **Distance** | Wireless connection 20m or more |

## 6. Service and Support

If your device is not working properly, please contact the local service providers or dealer for service.

## 7. FAQ

# 8. 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 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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.