

Sleep enhancer User Manual

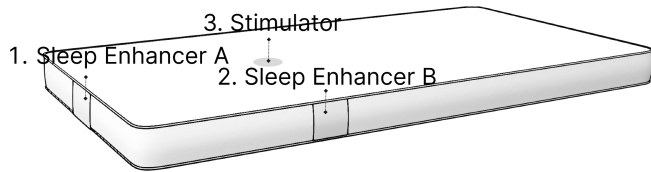
Equipped with Sleep Recording and Enhancement Function

zable_sleep_enhancer_manual_23.07.D0

FCCID: 2A992-Z202301AL

Product Specifications and Names of Each

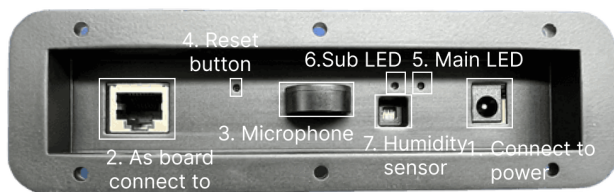
Mattress



1. Sleep Enhancer A / As
2. Sleep Enhancer B
3. Stimulator

Sleep Enhancer A

the front



1. Connect to power
2. As board connect to
3. Microphone
4. Reset button
5. Main LED
6. Sub LED
7. Humidity sensor

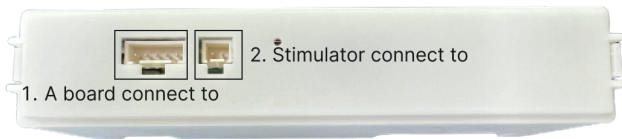
Back



1. B board connect to

Sleep Enhancer B

back



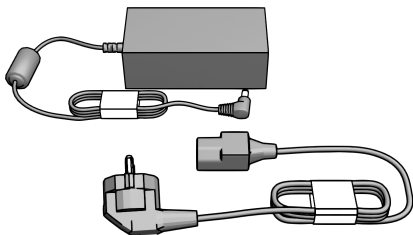
1. A board connect to
2. Stimulator connect to

Bottom



1. NTC connect to
2. pvdf connect to
3. fsr sensor connect to
4. fsr sensor connect to
5. Main LED
6. Sub LED
7. Humidity sensor

Power adapter and cable



Enhancer connection cable



Sleep Enhancer As Front

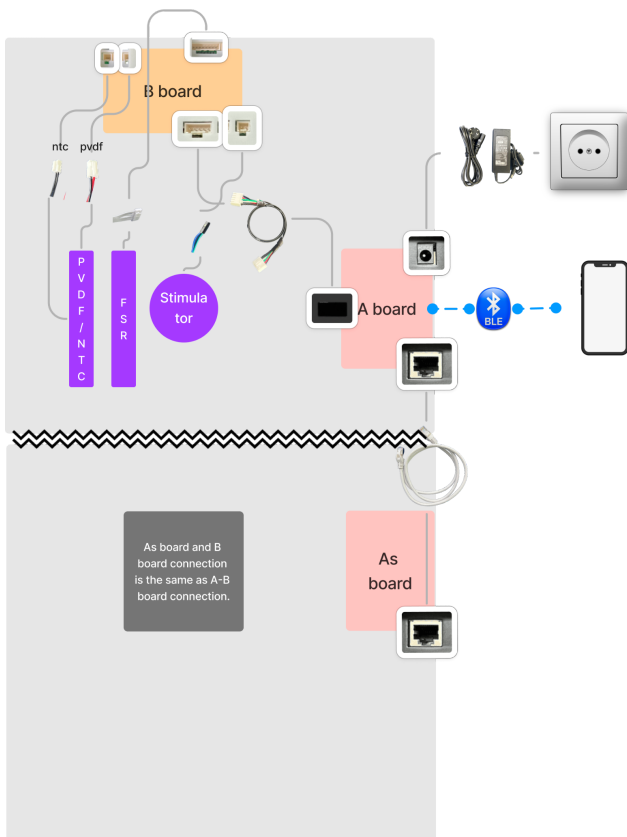


Sleep Enhancer As is included only for 2 person bed the

1. A board connection
2. microphone

is the same as the rear part of A.

Product Internal Diagram



Product Information

Item	Description
Product Name	Mattress
Model	Z202301AL
Electrical Requirements	100-240 V~ 50/60Hz 60 VA
Power Consumption	12V d.c. / 2W (TBD)
Operating Temperature	-10 ~ 50°C
Dimensions and Weight	10kg (TBD) / 1100mm x 2000mm x 100mm
Hardware	Sleep Enhancer A - CPU: Quad-core ARM Cortex-A35, Memory: DDR3 SDRAM 4G, Storage: eMMC 5.1, 16GB

	Sleep Enhancer B - 800/400MHz 32-bit ARM9, Memory: DDR2 64MB
Software	Sleep Enhancer A - OS: RK3326 embedded linux(kernel 4.4 or higher) Sleep Enhancer B - OS: RTOS
interface and peripherals	Wifi: 2.4Ghz Bluetooth: BLE 4.0
Manufacturer	BRLAB Inc.

Precautions for safety



- Ensure to only use the power adapter and cable provided with the device. Using other adapters may cause product failure, overheating, fire, explosion, or.
- Do not arbitrarily disassemble, repair, or modify the product, and contact the customer center when repair is required. Warranty does not apply to products that have been arbitrarily disassembled.
- Do not subject the product to strong impacts such as dropping it or jumping on it from above. This can cause damage to the internal sensor.
- Do not expose the product to extremely high or low temperatures. Short circuit or overheating may occur inside the product.
- Ensure not to expose the product to liquids. Liquids may cause malfunction and increase the risks of electrocution.
- Be careful not to allow foreign substances (liquid, dust, metal powder, pencil lead, etc.) to enter the power connection of the product. Explosion or fire may occur due to corrosion of power terminals or temporary short circuit (short circuit).
- Do not allow foreign substances such as beverages or water to enter the product. Ensure that the device is not to be submerged underwater at any times. This may cause malfunction or electric shock.
- Do not install in a humid place. It may cause fire or electric shock.
- If the product has been exposed to wetness or water, immediately disconnect the product from the power source. Be mindful of the risks of electrocution when doing so. This product is designed for indoor use and is not waterproof or moisture proof.

Coin Battery Precautions

Coin batteries are included in the product. Battery replacement must be replaced with a battery recommended by the manufacturer through a Zable authorized repairer.

- If the battery is replaced with the wrong type, there is a risk of explosion.
- When disposing of batteries, dispose of them in accordance with local laws or regulations.
- Do not dispose of the battery in a fire or hot oven that may cause an explosion, or mechanically crush or cut the battery.
- Do not place the battery in a high temperature environment that may cause an explosion or leakage of flammable liquid or gas.
- Keep the battery out of reach of children. If your child swallows a battery or enters the body, you should seek treatment immediately.

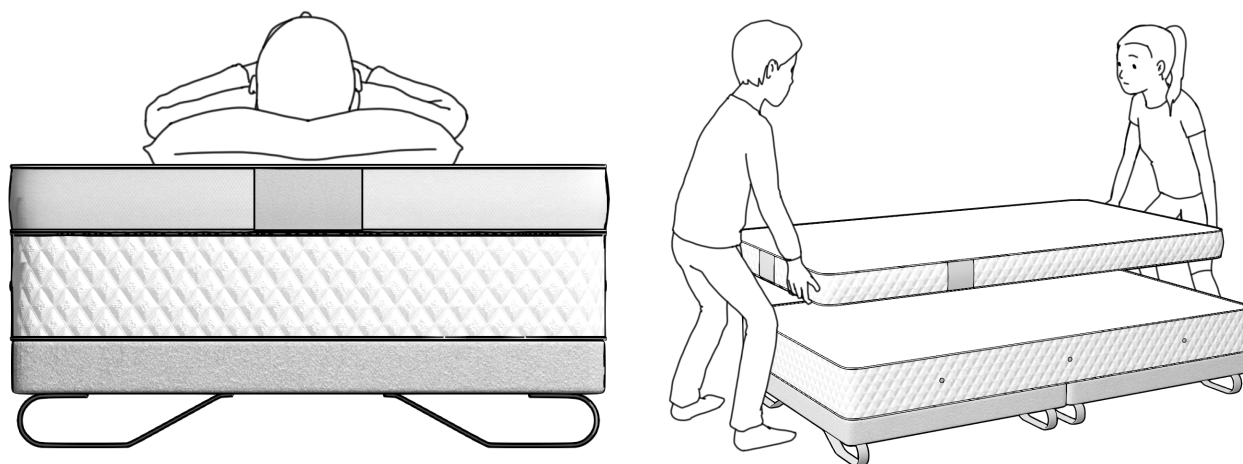
Product Description

- This product includes hardware and software that helps you record, analyze and improve your sleep

Product Installation

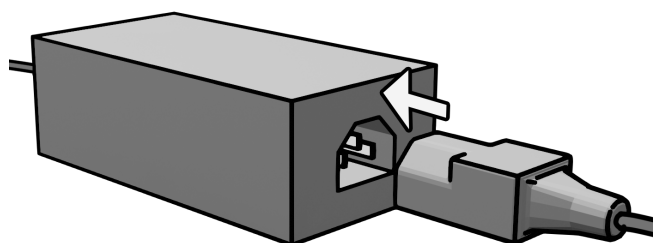
This product is intended to be used as part of a mattress or topper and the instructions for installing the product will be based on that.

1. Place the Zable mattress on the bed frame you are using.

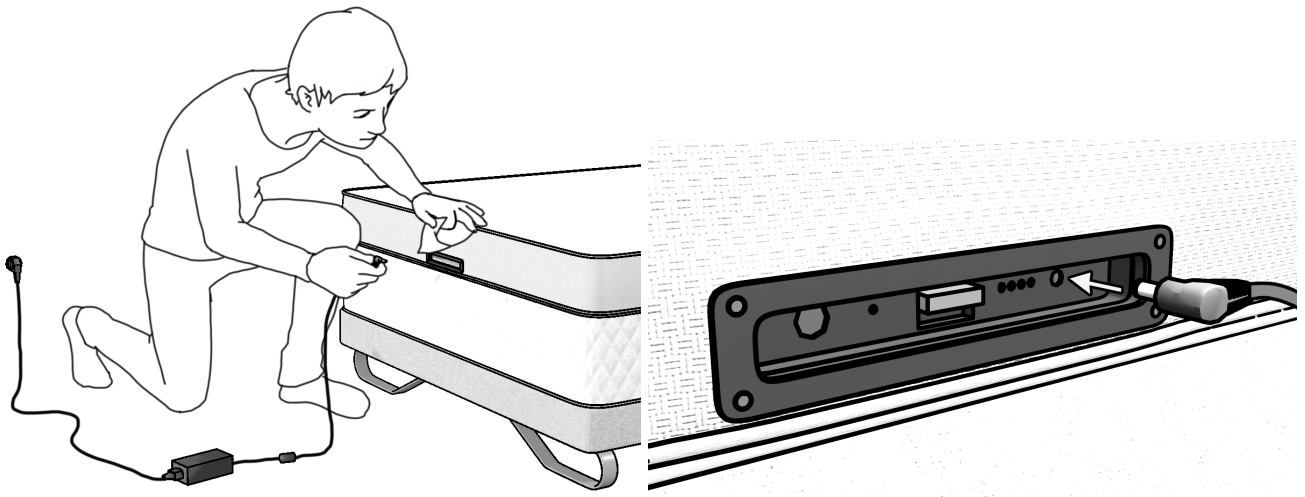


[Check the direction of your head.]


2. Connect the power cable to the adapter.

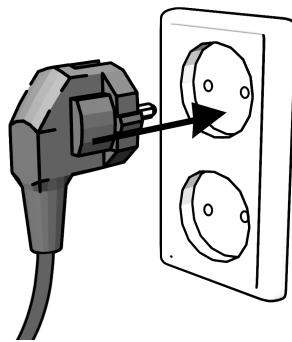


Insert the adapter into the power connection at the head of the mattress as shown in the diagram below.



[Connect to the right side of the bedside connector]

3. Connect the power cable to the adapter and plug it into an outlet. 

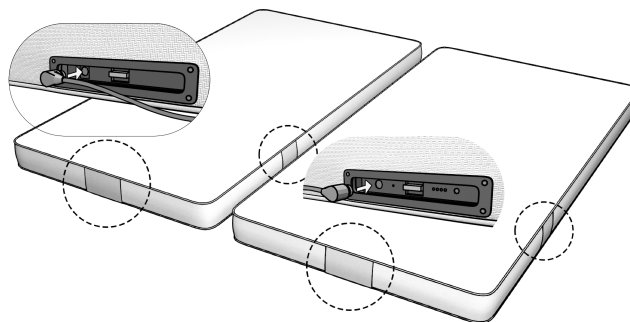


4. When the power is connected, the product automatically initiates a melody that indicates its readiness to be used.

For 2 persons

1. Place the mattress on the frame as shown below.

As shown in the image below, place the mattress with Sleep Enhancer A on the right and the mattress with Sleep Enhancer As on the left.



2. Connect the two enhancers with the cable provided. The connection part is located on the far left as shown in the picture above.