

Smart Necklace

Manual v1.1

TM



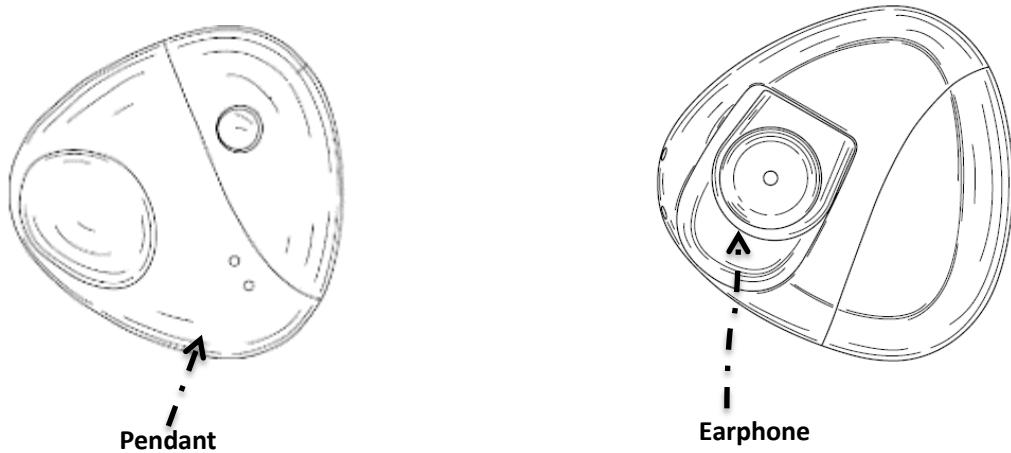
Please Read This User's Manual

Please take the time to follow the instructions in this user's manual carefully. It will help you set up and operate your Miragii™ product properly and enjoy its advanced features. Please save this guide for future reference.

1 Technical Specification:

Protocol	BT 4.0
MCU	ST, CSR
Projection distance	10 cm~30 cm
Sensor	G sensor, proximity sensor
Work voltage(V)	3.7V
Charge voltage(V)	5V
Working temperature	-20~60 °C
Charge Port	Micro-USB adaptor
Charger cable	20 cm
Earphone talking time	Up to 60 minutes
Battery type	Lithium Battery
Earphone Battery capacity	15 mAh
Pendant Battery capacity	95 mAh
Standby life	Up to 3 days
Projection	Up to 150 Calls/SMS
Earphone size	24mm(L)x18mm(W)x14mm(Thickness)
Product size (mm)	48mm (L) x 17.5mm (Thickness)
Package size (mm)	142mm(L)x92mm(W)x52mm(Thickness)
Product Weight (g)	48 g
Package Weight (g)	51 g
Color	White, Black
Shell Material	Zirconia Ceramic

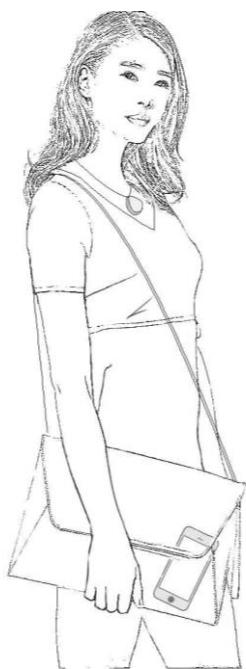
2 Product Graphic Definition



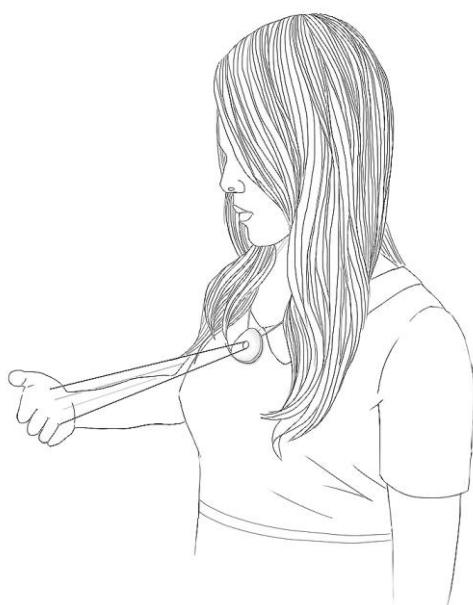
The pendant has a concealed earphone on the back.

3 Product Function Definition

Scene 1



Scene 2

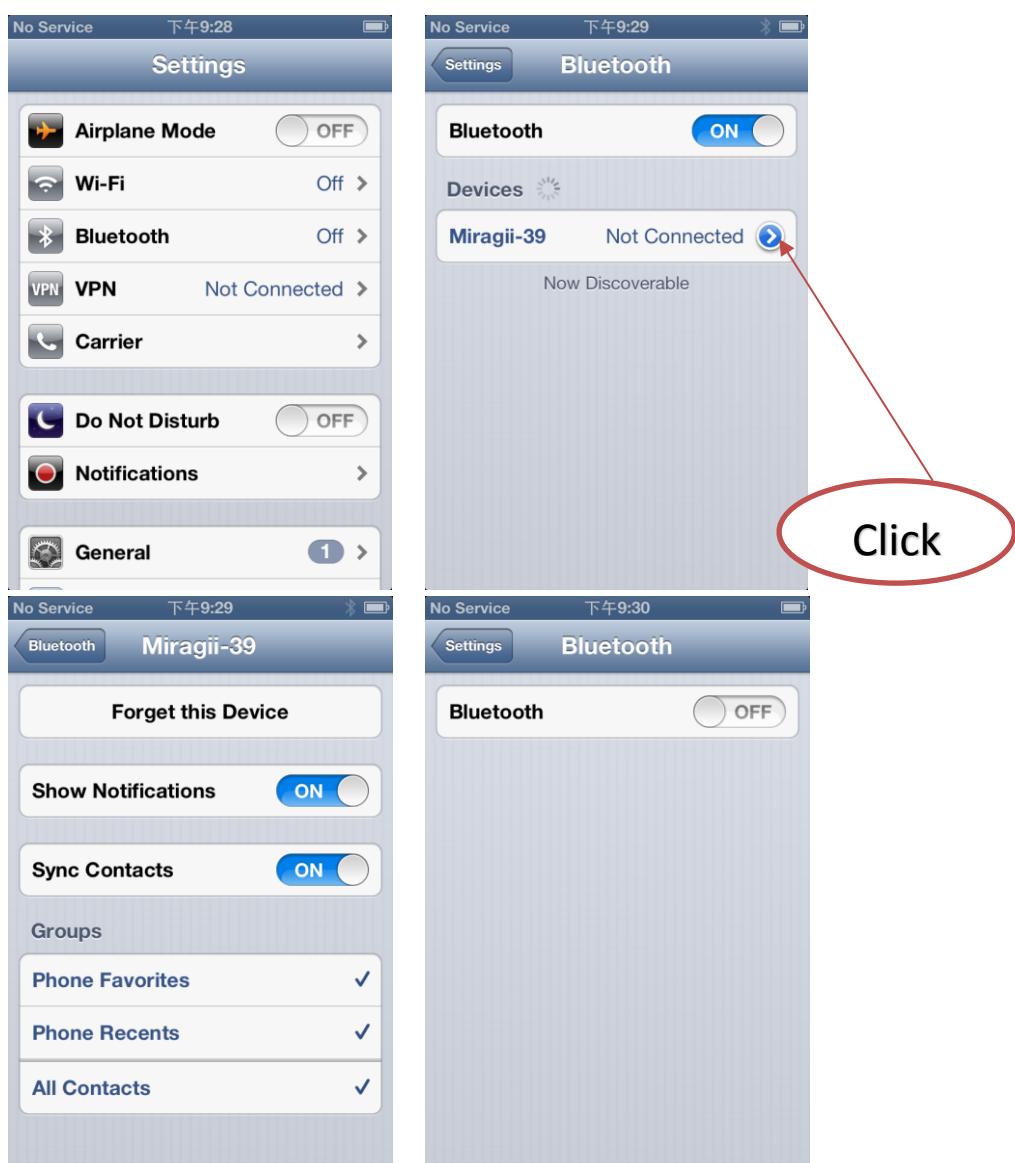


3.1 First Time Use

Charge the pendant and the earphone first after you received the package. Please see section 4, for cable connections.

In iPhones 4 and above, users must follow the following instructions to configure their iPhone.

- a) In “Settings”, select “Bluetooth”.
- b) Set “Bluetooth” to “ON”
- c) Tap the earphone inside the pendent to wake it up
- d) In Devices list, select Miragii product ID to connect.
- e) Click the arrow next to “Connected” or “Not Connected”.
- f) Set “Show Notifications” to “ON”
- g) Set “Sync Contacts” to “ON”
- h) Go back to step b, but set “Bluetooth” to “OFF”
- i) Set “Bluetooth” to “ON” again
- j) Repeat steps c to d, and make sure the device is “Connected”



In most Android phones with Android 4.4 system or above, during the pairing process, the phone will prompt two messages for the user to do

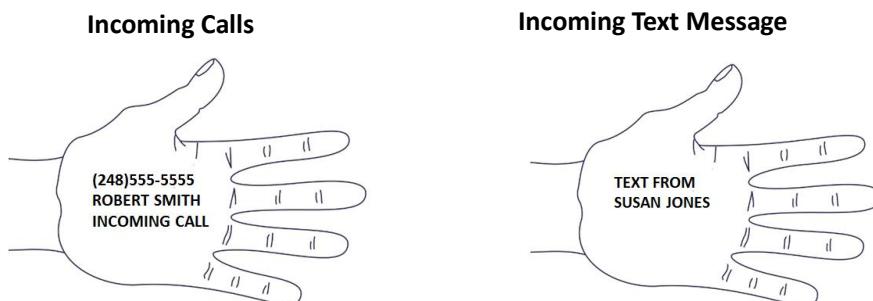
the setting. User simply has to accept both of the prompted messages.

3.2 Paring with a smart phone

- 1) In Scene 1, switch on the Bluetooth® of the smart phone to begin searching for devices nearby.
- 2) Tap the earphone 2~3 times to turn it on, when the LED in the earphone flashes green, the product is ready for pair. The Bluetooth® ID is printed on the surface of the earphone.
- 3) In the smart phone Bluetooth® synchronizing list, select the Miragii product ID and begin pairing.
- 4) During paring, the LED light alternates between green and blue.
- 5) Once paired, the LED will flash only blue.

3.3 Incoming call

- 1) The earphone must be paired and attached to the pendent.
- 2) In Scene 2, an incoming call will trigger the vibrator inside the pendent; it will vibrate 3 times as notification.
- 3) User puts one hand within 3 cm in front of the pendent, After the sensor detects the hand, move that hand to about 10~30 cm in front of the pendent, the incoming caller ID with caller name will be projected onto the hand for 4 seconds.
- 4) User can repeat step 3 to view the projection again.
- 5) User can take the earphone out to answer the phone; by tapping the earphone twice, volume will be increased; by tapping it once, volume will be decreased.
- 6) User needs to put the earphone back onto the pendent after a call is complete. Make sure the earphone is connected well to the pendent so the next phone call will trigger the vibrator inside the pendent.
- 7) User can decline the call by putting the hand in front of the pendent within 3 cm for about 1~3 second, then move the hand away completely.



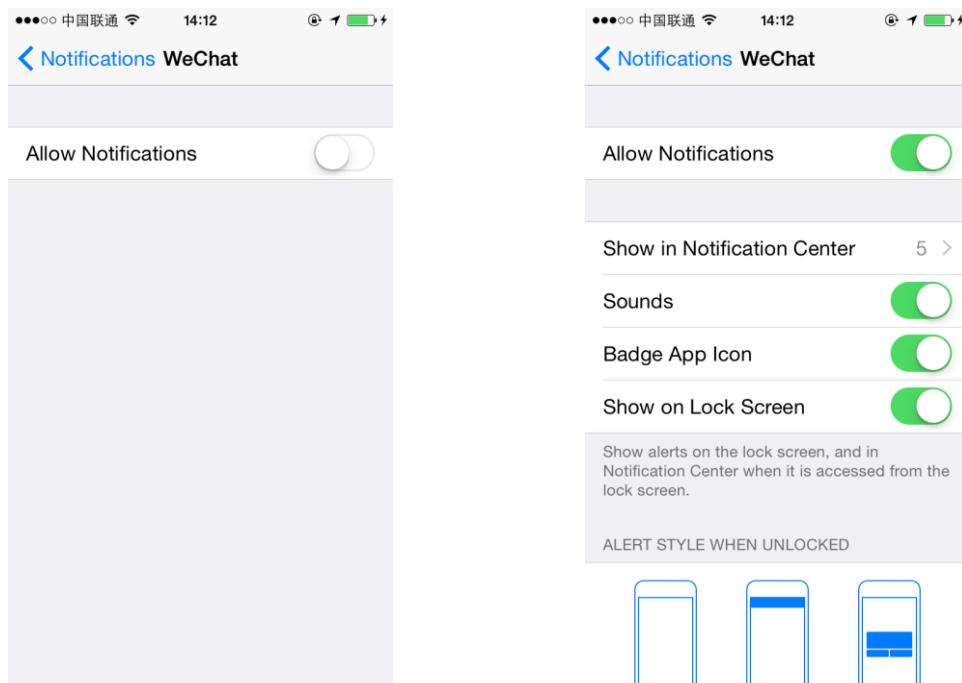
3.4 Incoming text message

- 1) The earphone must be inside the pendent, connected, and the product

has been paired with the smart phone.

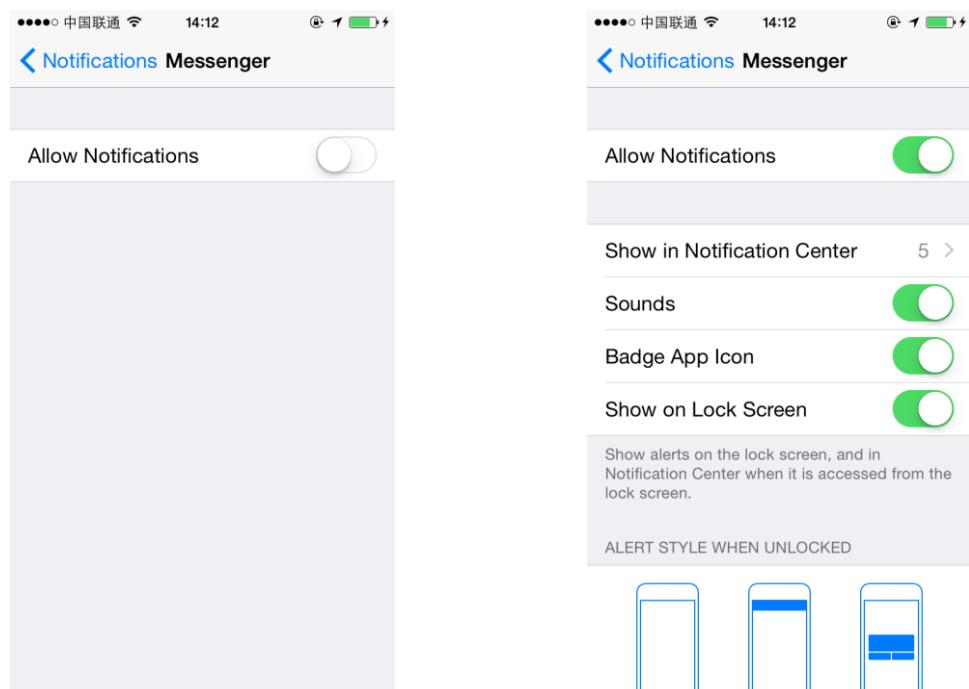
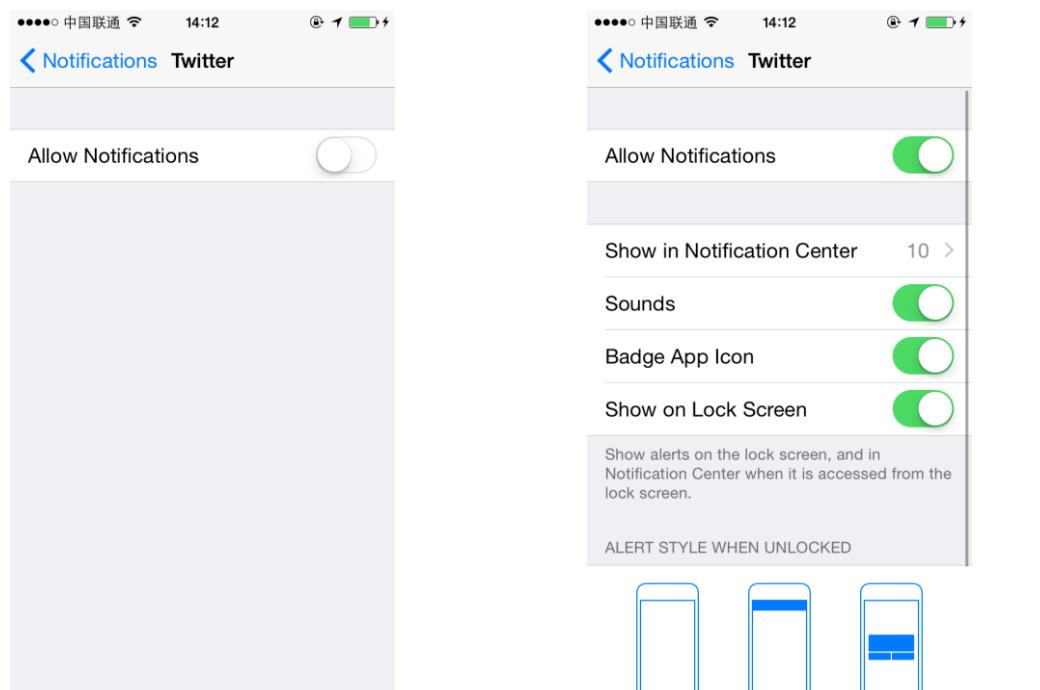
- 2) In Scene 2, an incoming text message will trigger the vibrator inside the pendent; it will vibrate 3 times as the notification.
- 3) User puts one hand within 3 cm in front of the pendent., After the sensor detects the hand, move that hand to about 10~30 cm in front of the pendent, the incoming message sender name will be projected on the hand for 6 seconds.
- 4) User can scroll down to view the message by moving the hand toward the pendent to about 5~10cm spacing, then moving the hand in front of the pendent till 20cm away.
- 5) User can decline to view the text message by putting the hand in front of the pendent within 3 cm for about 1~3 second, then move the hand away completely.

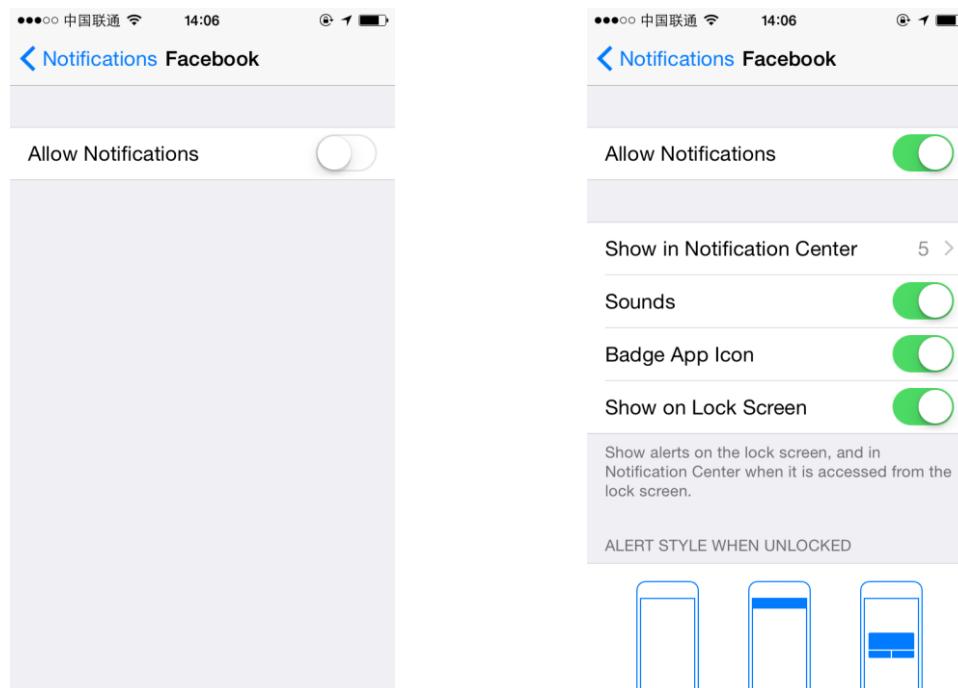
3.5 Incoming Social message setup for iOS



Note:

Each time after pairing, “Allow Notifications” must be turned off and then on again due to iOS internal setup.





3.6 Procedure to take out Earphone



Step 1

Step 2

Step 3

- 1) In step 1, disconnect the earphone with the pendent connector by carefully pulling the earphone head in the direction as the arrow shows.
- 2) In step 2, continue sliding the earphone toward the edge of the pendent as the arrow shows.
- 3) Take out the earphone.
- 4) Please follow step 3, 2, 1 to put the earphone back.
- 5) Once the earphone is detached, projection function will be disabled.

3.7 Gesture Summary

Decline Call/SMS	Put the hand in front of the pendent very close, within 3 cm for about 1~3 second, and then move the hand away completely.
Scroll down message	Move the hand toward the pendent to about 5~10cm spacing, and then move the hand in front of the pendent until about 20cm away.
Trigger Alert	Grasp the pendent and shake it for 3~5 seconds
Increase voice volume	Tap earphone twice quickly
Decrease voice volume	Tap earphone once
Wake up device for pairing	Tap the pendent (with earphone in) a few times

3.8 Outgoing call

- 1) The earphone is inside the pendent connected and the product has been paired with the smart phone.
- 2) Dial with the phone, take out the earphone to listen and speak.

3.9 Music

- 1) Take out the earphone, make sure it is connected and the product has been paired with the smart phone.
- 2) The earphone functions as any other BT headset for music

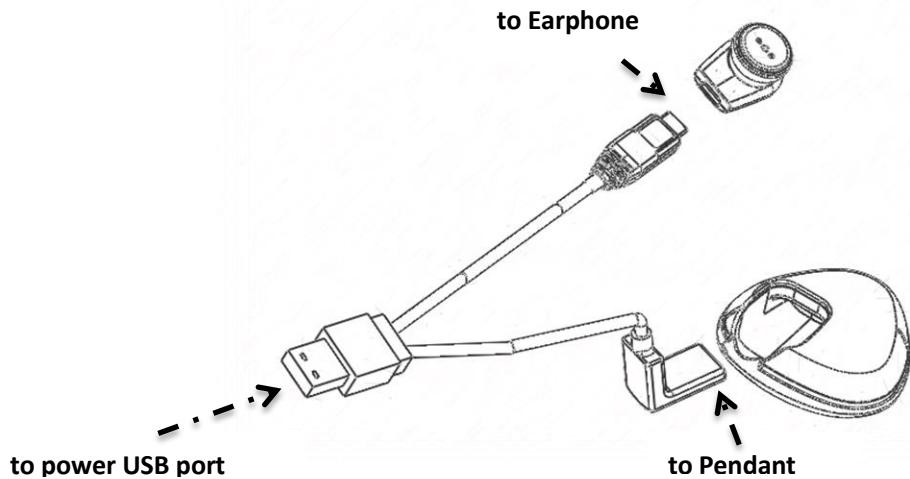
3.10 Earphone LED Indication Summary

Flashes green	Ready to pair
Flashes blue	Connected with phone
Flashes blue and green alternately	In pairing
Low voltage	In red, no flash
In charging	In green, no flash
Fully charged	In blue, no flash

4 Product charging

- 1) When the earphone LED appears red, it indicates the earphone battery power is low.

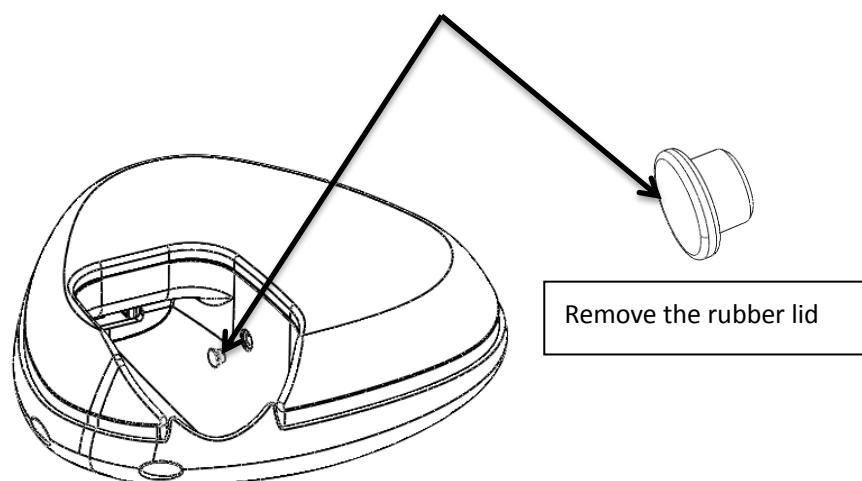
- 2) Take Earphone out from Pendant.
- 3) Use the charging cable included to connect to both the earphone and the pendant as shown on the following drawing.
- 4) Connect the USB port of the charging cable to power USB port.
- 5) Earphone LED will appear green, while the pendant will vibrate once to indicate charging started

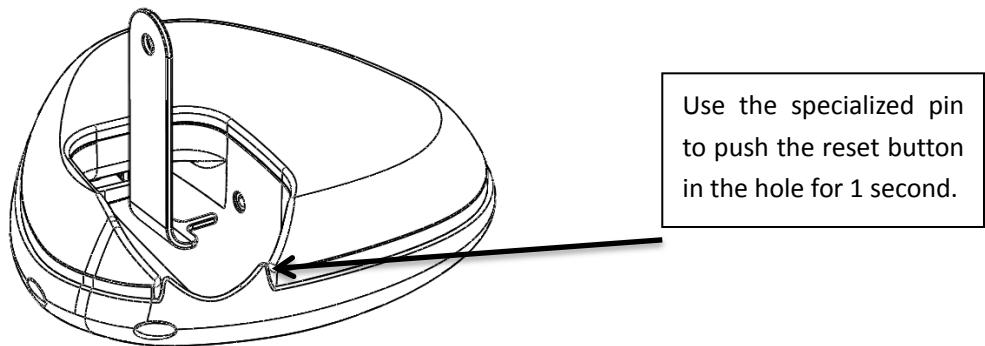


5 Reset

Each time you charge the earphone, the earphone will be reset.

To reset the pendant, please follow the instructions below as shown in the figures:





6 Package

- 1) Pendant (Battery in)
- 2) Earphone (Battery in)
- 3) Cord
- 4) Charging cable
- 5) User manual

7 Trouble shooting

item	description	Possible reasons/solutions
1	No or low sound from earphone	Tap earphone twice to increase volume
2	No projection	1) Earphone not paired or connected to the smart phone; 2) Earphone not plugged into pendant; 3) Pendant battery is low; 4) Earphone battery is low; 5) Press reset in the pendant;
3	No caller name in the projection	1) The device comes with English as the default

		language, please check our website for upgrade and other language packs;
4	No text message projection	In iPhone, “Notification” is BT setting must be “on”
5	Projection goes away within 3 seconds	If the hand is quite far away, the sensor considers no hand, then the projection will be deactivated

8 Firmware Upgrade

- 1) Upgrade procedure **cannot** be conducted if the battery of the device is low, including both pendent and earphone
- 2) Upgrade procedure **cannot** be conducted if the earphone is detached from the pendent
- 3) Upgrade procedure is through phone mobile application (“APP”)

9 Phone APP Download

After APP is downloaded and installed, more functions such as software upgrade etc. will be added. Further setup instructions will be available once APP is released.

10 Limited Warranty

Miragii, LLC, including its affiliates (“Miragii”) warranty information can be found online at <http://www.miragii.com/legalnotice.html>.

11 Compatibility

You acknowledge that you have verified the compatibility of the product with other required equipment (e.g., ensuring that your mobile device and/or operating system is compatible with the product). You are solely responsible for determining the compatibility of the product with other equipment, and you accept that lack of compatibility is not a valid claim under the warranty provided with your products and does not otherwise constitute a basis for receiving a refund after the fourteen (14) calendar day refund policy.

10 Limitation of Liability

IN NO EVENT WILL MIRAGII BE LIABLE FOR ANY PUNITIVE, EXEMPLARY, SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, LOSS OF REVENUE, USE, PROFITS, DATA, OR GOODWILL) OR COSTS OF PROCURING SUBSTITUTE PRODUCTS, ARISING OUT OF, RELATING TO, OR IN CONNECTION WITH THE PURCHASE, SALE, USE, OPERATION OR PERFORMANCE OF THE PRODUCT, WHETHER SUCH LIABILITY ARISES FROM ANY CLAIM BASED UPON CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY OR OTHERWISE, WHETHER OR NOT MIRAGII HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE. IN NO EVENT WILL MIRAGII's LIABILITY TO YOU ARISING OUT OF, RELATING TO, OR IN CONNECTION WITH THE PRODUCT OR ITS USE, FROM ALL CAUSES OF ACTION AND UNDER ALL THEORIES OF LIABILITY, EXCEED THE ACTUAL AMOUNT PAID TO MIRAGII BY YOU FOR THE PRODUCT THAT GIVES RISE TO THE CLAIM. Some jurisdictions do not allow the limitation or exclusion of liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you.

You are prohibited to directly or indirectly, infringe on any of the intellectual property rights, title and interest of Miragii involved in, embedded or related to the product and/or any of its parts, resell, reproduce, prepare derivative works of, reverse engineer, decompile, disassemble, license, sublicense, lend, copy, create a prototype of, or otherwise offer or make available the product or any of its parts or the use of the product or any of its parts to any third party. Any and all intellectual property rights involved in, embedded or related to the product and/or any of its parts that is a property of Miragii shall remain the exclusive property of Miragii. YOU ASSUME ALL RISK AND RESPONSIBILITY FOR INJURY OR DAMAGE TO YOU OR OTHERS BASED ON OR ARISING OUT OF POSSESSION, HANDLING, OR USE BY YOU OR BY OTHERS OF THE PRODUCT OR ANY OF ITS PARTS FOR ANY PURPOSE WHATSOEVER. YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT, TO THE EXTENT PERMITTED BY APPLICABLE LAW, YOUR USE OF THE PRODUCTS IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU.

11 Additional Disclaimer; Emergency Communication

Miragii product should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency

services). Miragii product is not designed or intended to be used for such communication.

YOU UNDERSTAND THAT 911 SERVICE IS NOT PROVIDED OR AVAILABLE THROUGH THE USE OF THE PRODUCT. IF YOU USE THE PRODUCT OR APPS IN CONNECTION WITH OR ASSOCIATED WITH THE PRODUCT, YOU MUST MAKE ALTERNATIVE ARRANGEMENTS TO PLACE 911 CALLS, SUCH AS USING A TRADITIONAL WIRELINE OR CELLULAR TELEPHONE, AND YOU SHOULD NOT RELY ON THE PRODUCT OR ASSOCIATED SERVICES OR APPLICATIONS OF MIRAGII TO CALL 911.

THE PRODUCT IS INTENDED FOR GENERAL PERSONAL USE ONLY. IT IS NOT DESIGNED, MANUFACTURED, INTENDED, OR RECOMMENDED FOR USE OR RESALE AS EQUIPMENT OR SERVICE IN ENVIRONMENTS REQUIRING FAIL-SAFE PERFORMANCE (E.G., EMERGENCY MEDICAL CARE, HAZARDOUS ACTIVITIES) OR IN WHICH THE FAILURE OF THE SERVICES COULD LEAD TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE. MIRAGII SPECIFICALLY DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES OR SERVICES.

12 FCC and IC Compliance Statement (United States & Canada)

This device complies with FCC part 15 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, including interference that may cause undesired operation of the device.

RF exposure information: This device meets FCC and IC requirements for RF exposure in controlled or uncontrolled environment.

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

FCC Warning

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 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.

Changes or modifications not expressly approved by Miragii could void the user's authority to operate this equipment.

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

13 EU Compliance Statement (CE)

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

14 Safety and Handling Information

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Handle Miragii product with care. It has sensitive electronic components inside.
- Miragii product can be damaged if dropped, burned, punctured, or crushed, or if it comes in contact with water or other liquids. Water and other liquids can get into the Miragii product's circuits, leading to corrosion. Even when the Miragii product appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the Miragii product and/or battery get wet, contact Miragii customer service, even if they appear to be working properly.

- Do not attempt to open the product.
- Substances contained in this product and/or its battery may damage the environment and/or human health if handled and disposed of improperly.
- Don't use a damaged Miragii product as it may cause injury.
- Do not tamper with your Miragii product.
- Do not use abrasive cleaners to clean your Miragii product.
- Do not place your Miragii product in a dishwasher, washing machine or dryer.
- Do not expose your Miragii product to extremely high or low temperatures. Do not use your Miragii product in a sauna or steam room.
- Do not leave your Miragii product in direct sunlight for an extended period of time.
- Do not leave your Miragii product near open flames.
- Do not dispose of your Miragii product in a fire. The battery could explode.
- Do not attempt to disassemble your Miragii product.
- Never allow children to wear or play with the Miragii product; the small components and accessories (e.g. leather strap) may be a choking hazard!

Repairing: Don't open Miragii Product and don't attempt to repair Miragii product yourself. Disassembling Miragii product may damage it or may cause injury to you. If Miragii product is damaged, malfunctions, or comes in contact with liquid, contact Miragii customer support at support@miragii.com.

Distraction: Using Miragii product in some circumstances can distract you and may cause a dangerous situation. For example, you should not use the Miragii product while exercising or driving.

Hearing loss: Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer duration.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted

hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment. You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones/earphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using earphones or headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal. Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

GPS and Navigation: Please refer to your mobile device user manual and instructions related to information on Global Positioning System (GPS) signal for location-based applications. Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs. You should not use the Miragii product while driving.

Operating Environment: Remember to follow any special regulations in force in any area, and always switch your mobile device/Miragii product off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device/Miragii product or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices: Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Medical conditions and devices: If you have any medical condition that you believe could be affected by Miragii product (for example, seizures, blackouts, eyestrain, or headaches), consult with your physician prior to using the Miragii product.

If you use any other personal medical devices, you should consult your physician or the manufacturer of your medical device to determine if it is adequately shielded from external RF energy and compatible with the Miragii product. Your physician may also be able to assist you in obtaining this information. Many manufacturers of medical devices recommend that a minimum distance of separation should be maintained between a device that emits RF energy such as the Miragii product and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such medical devices:

- Should ALWAYS keep the Miragii product at or more than the distance recommended by the manufacturer away from their implantable medical device when the Miragii product is turned ON;
- Should not carry the mobile device/Miragii product in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device/Miragii product OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device/Miragii product with an implantable medical device, consult your health care provider.

Switch your mobile device/Miragii product off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or

health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles: RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle. You should not use the Miragii product while driving your vehicle.

Explosive atmospheres: Charging or using Miragii product in any area with a potentially explosive atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous. Obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device/Miragii product off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

High-consequence activities: This device is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage.

Posted Facilities: Switch your mobile device/Miragii product off in any facility where posted notices require you to do so.

15 Built-in Battery Precautions

- Do not attempt to replace your Miragii product's battery. It is built-in and not changeable.
- Charge the battery in accordance with the instructions supplied with this guide.
- Use only the charging cable that shipped with your product to charge the product.
- Charge your Miragii product using a certified computer, powered hub or power supply.

- Do not attempt to force open the built-in battery.

16 Disposal and Recycling Information

You must dispose of Miragii product properly according to local laws and regulations. Because Miragii product contains electronic components and a battery, Miragii product must be disposed of separately from household waste. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. When Miragii product reaches its end of life, contact local authorities to learn about disposal and recycling options. Batteries are not to be disposed of in municipal waste stream and require separate collection.

Miragii, the Miragii logo, and other Miragii marks are trademarks or registered trademarks of Miragii. All other trademarks are the property of their respective owners. Miragii assumes no responsibility for any errors that may appear in this manual. Information contained herein is subject to change without notice. In the event there is any conflict or discrepancy between the information provided in this manual and in any instructional videos provided on the Miragii website, the information in this manual shall control.

Mention of third-party products is for informational purposes only and constitutes neither an endorsement nor a recommendation. Miragii assumes no responsibility with regard to the performance or use of these products. All understandings, agreements, or warranties, if any, take place directly between the vendors and the prospective users.

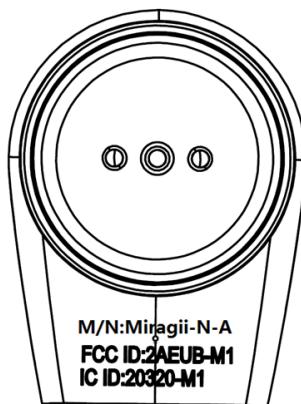
Contact:

Miragii, LLC

16885 West Bernardo Drive, Suite 320, San Diego, CA 92127.

support@miragii.com

© 2015 Miragii, LLC.



Model: Miragii-N-A

RATED VOLTAGE(S): 3.7V==

RATED CURRENT: 120mA

POWER RATING: 450mW



MANUFACTURED BY: Miragii, LLC
DESIGNED IN CALIFORNIA / MADE IN CHINA

This device 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.

