

***Thank you for purchasing our SAY necklace! For your safety and the best results read this manual thoroughly before using the unit. Pay attention to warnings and notes.***

# **SAY necklace**

## ***User Manual***



#### NOTE

- SAY necklace will switch itself to the Low Power Mode (Display Off) after being left motionless for X minutes. It will be returned to the Full Power Mode by any movement;
- SAY necklace turns itself off automatically after its battery being discharged below the threshold value. Then it can be turned on by connecting to the charger;
- To charge SAY necklace use the delivered USB cable connected to any certified standard USB charger or any standard USB 2.0 or 1.1 port;
- The SAY necklace is supplied in “Power Off” state;

SAY necklace is a wearable consumer device like a medallion. It allows display animations, previously downloaded wirelessly via a BLUETOOTH 4.0 Smart Ready interface from any suitable smartphone. The downloaded animations are shown cyclically on a 128\*128 pixels color OLED display. SAY necklace is powered from a built-in rechargeable Li-Po battery. It can be charged from any standard 5V DC USB charger via a standard USB-A to micro-USB-B cable. Before operating SAY necklace the first time, a proper application should be downloaded and installed on the user's smartphone.

### **1. Operating SAY necklace**

1a. SAY necklace is delivered with internally disconnected battery. To turn it on SAY necklace should be connected to any standard USB host computer, hub or charger using the delivered USB-A to Micro-USB-B cable. Being connected to a proper power source, SAY necklace displays the battery charging icon for a few seconds and then it shows some initial animation. Full charging process can take about 2 hours;

1b. After initialization SAY necklace can be paired with the owner's smartphone by using the proper application, previously downloaded from [www.saywearable.com](http://www.saywearable.com) site;

1c. SAY necklace powers-of itself when its battery discharges below some threshold level. SAY necklace puts itself into a power-save mode (display off) being motionless for more than X minutes. Any motion returns it to an active state. **There is no way to turn it off!**

1d. In case it was hung up during downloading a new animation, SAY necklace can be reset by pressing a hidden RESET button - a thin rod should be inserted into the small hole on the back side close to the USB connector;

## 2. Storage and Transportation Conditions:

**Temperature:** -10°C (14°F) to 70°C (158°F)

**Relative Humidity:** 8% to 80% (without condensation)

**Atmospheric Pressure:** 700 hPa to 1060 hPa

## 3. Service

## 4. Troubleshooting

<b>Problem</b>	<b>Check Points</b>	<b>Response</b>

## 5. Warranty

## 6. Technical Specifications:

<b>Power Source</b>	Internal 3.7 V (One Lithium-Polymer Battery 700 mAh)
<b>Rated Current max</b>	0.2 A
<b>Power Consumption max</b>	0.6 VA
<b>Charging Voltage</b>	4.75V – 5.25V
<b>Fast Charging Current</b>	0.7 A constant
<b>Max Battery Voltage</b>	4.2 V
<b>Charging Time</b>	2 Hours max
<b>Power-Off Threshold</b>	3.0 V
<b>Dimensions</b>	X mm * Y mm * Z mm
<b>Weight</b>	W g

## 7. FCC Statements:

This device complies with FCC Rules Part 15. Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received or that may cause undesired operation.

*This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.*

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.

WARNING! - Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Hermes Innovations Ltd.) could void the user's authority to operate the equipment.