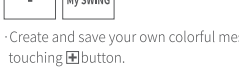
Mangosteen SWING Manual

1 App Manual

My SWING



- Create and save your own colorful message by touching ⊞ button.
- Newly created message shall be saved at the right side of ⊞ button.
- Touch the saved message, then popup screen will be shown for selecting swing method (round or side to side) to carry out afterimage effect
- If you select the swing method, the message will be sent to the stick through Bluetooth and the stick will light blue when the transfer is completed.
- Swing the stick as per your selected swing method to carry out the afterimage effect.
- Press the saved message for 2 seconds to delete.

Public SWING

- Select the basic message which is embedded in stick hardware.
- Select swing method (round or side to side) to carry out afterinage effect at popup screen.
- Swing the stick as per your selected swing method to carry out the afterimage effect.

Time

Digital Watch
- Show the current time through afterimage effect immediately by touching the icon.
- Time is synchronized with your smartphone clock when execute bluetooth pairing.

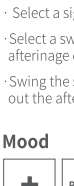
Alarm
- Set the alarm and save it. Set alarm list will be added up below position.

Timer
- Set the timer and touch "START" button to transmit data to stick.
- 16 LEDs are diminishes gradually, and after a set time, the stick lights up.

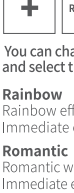
Tool

Light
- The entire LED is emitted in white and can be used as a light.
  Brightness is adjustable by 10 degrees with ⊕ ⊖ buttons.

Bicycle
- Red shuttle light to secure safety for night riding. Immediate execution after selecting function.

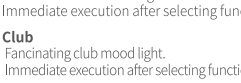


Leveler
- By leveler function by built in gyro sensor, the light flows according to incline.
- Immediate execution after selecting function.



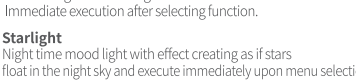
Equalizer
- LED graphic equalizer looks as it is responding to a sound.
  Immediate execution after selecting function.

Sign



- Select a sign message which is embedded in stick hardware.
- Select a swing method (round or side to side) to carry out afterinage effect at popup screen.
- Swing the stick as per your selected swing method to carry out the afterimage effect.

Mood



You can change the 16 LED light by touching the ⊞ button and select the desired color.

Rainbow
Rainbow effect mood light.
Immediate execution after selecting function.

Romantic
Romantic warm mood light.
Immediate execution after selecting function.

Club
Fancinating club mood light.
Immediate execution after selecting function.

Starlight
Night time mood light with effect creating as if stars float in the night sky and execute immediately upon menu selection.

Dawn
Dawn mood light.
Immediate execution after selecting function.

Setting

Bluetooth Pairing
LED color will be changed to blue color when bluetooth connected.

Language
Select language.

Image
Select Swing method (Round / Side to side)

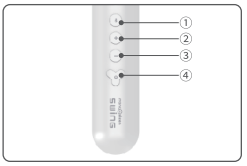
Manual
Help manual.

Firmware
Firmware check and update the APP version.

Terms & Conditions
Terms & Conditions.

2 Product Manual

Button

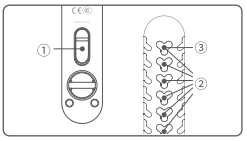


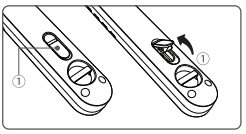
① ⊳
Select images stored in Public SWING and Sign

②③ ∧/∨
Pressing the ∧ button among 16 functions moves to the above function.
Press the ∨ button to move to the function below.

④
POWER ON : When the button is pressed, the LED lights up once and then the green light is turned on.
POWER OFF : When the button is pressed for 2 seconds or longer, the LED turns on twice and then the power turns off.

Charge





① Open the backside rubber cover.
Connect a 5-pin micro USB charger.

② During battery charging
The charged amount is indicated by a red light on the device.

③ Battery charging finished
If connected to Bluetooth, it changes to blue light.

APP Download

Please search "Mangosteen Swing" and download the APP.

mangosteen
SWING

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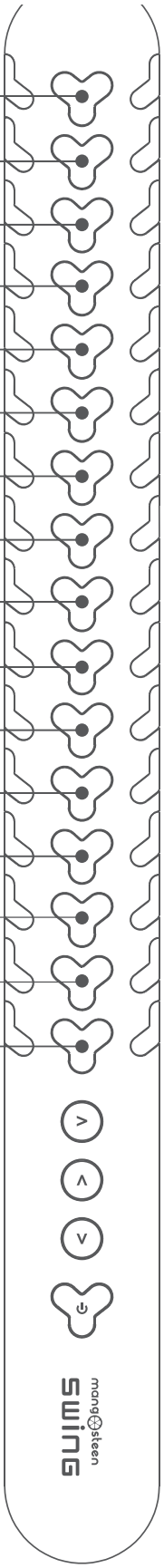

① **My Swing**
Save your own message and color to cheer up.

② **Public Swing**
Cheer up with embedded messages.
Press ⓢ button to move next message.

③ **Digital Watch**
Display the current time on the stick.

④ **Alarm**
Set alarm and stick flash at set time.

⑤ **Timer**
Set timer and stick flash at the set time.

⑥ **Light**
Adjustable brightness function.

⑦ **Bicycle**
Shuttle left and right red light for safe night riding.

⑧ **Leveler**
Leveling system with light.

⑨ **Equalizer**
Graphic equalizer with light.

⑩ **Sign**
Display a saved sign and move to the next sign by pressing the ⓢ button.

⑪ **Mood**
Desired color mood lights.

⑫ **Rainbow**
Rainbow light.

⑬ **Romantic**
Romantic mood light.

⑭ **Club**
Club mood light.

⑮ **Starlight**
Shining star mood light.

⑯ **Dawn**
Dawn mood light.

Function

16 functions of stick

You can use the 16 functions of the app by pressing the ⓐ and ⓥ buttons on the stick.

When Public SWING or Sign is selected, you can press the ⓢ button to execute the stored content.

Spec

1. Size : Length : 276.5mm
Width : 26.9mm
Thickness : 20.3mm

2. Bluetooth : 4.0 2.4Ghz, 3 Axis Sensor

3. LED : RGB LED X 16EA (Ruben)
16.777.216 Full Color (World Semi)
R : 550~700 MCD
G : 1100~1400 MCD
B : 200~400 MCD
(Luminous Intensity)

4.CPU : 32-bit ARM Cortex M0 32-bit CPU

5. Battery : Li-Po 1350 mhA

6. Operating time: About 4.5 hours based on Rainbow Mood light.

7. Charging method : Micro 5pin USB Port

8. Charging time : About 2.5 hours

9. Product Weight : 107g (Product + Package : 152g)

*** Smartphone compatible OS**
Requires iOS 9.0 or higher version.
Compatible with iPhone / Android OS 5.0

mangosteen
SWING

FCC Information to User
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 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 con-nected.
• Consult the dealer or an experienced radio/TV technician for help.

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

FCC Compliance Information : 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