

aniLight User's Manual

(Ver 1.0.2 @ 5/26/2023)

aniLight normally works on its auto-sensing mode, it lights up automatically when detecting body motion in the dark, and turns off if no other motion is detected for the specified delay time.

Besides, it has always-on mode and settings mode. Please refer to its operation flow chat at the end of this document for better understanding.

BUTTONS

There are two buttons on the top: left Power button (PWR) & right Settings button (SET).

POWER ON/OFF

ON: Press and hold PWR for 3 seconds until green light runs clockwise once.

OFF: Press and hold PWR for 3 seconds until red light runs counterclockwise once.

UNIT PLACEMENT

aniLight has better sensor response when it is placed horizontally with the buttons on top/bottom. So do not place the unit with buttons facing left or right.

ALWAYS-ON MODE

Press PWR to toggle the auto-sensing mode and always-on mode. Under Always-on mode, press SET to move to the next light pattern in the following order:

- | | | |
|---------------------|----------------------|-------------------|
| ① Normal brightness | ② Maximum brightness | ③ Flicking candle |
| ④ Breathing | ⑤ Slow flashing | ⑥ Fast flashing |

Press PWR at any time to exit the Always-on mode.

SETTINGS CHANGE MODE

Start from the auto-sensing mode while the lights are not on.

Change one setting at a time. It returns to auto-sensing mode automatically after one setting is saved.

There are 4 settings in the following order:

- ① Brightness: Selected LEDs (RGB color or White) change their brightness
- ② RGB color: RGB LEDs change color
- ③ White color temperature: White LEDs change between warm/cool white
- ④ Delay time (3 seconds ~ 5 minutes, default 15 seconds): The green light runs clockwise in seconds counting the delay time

Press SET once to enter the first Brightness setting. Press SET again to move to the next setting. Press SET in Delay time setting goes back to Brightness setting.

Within each setting, when the desired value is reached, press PWR to select/save that value for its setting, it will then return back to Auto-sensing mode.

Press and hold PWR at any time to cancel/exit this mode without any change.

Operation example: If the current light color is blue and you want to change it to cool white color:

- ① *If the light is on, press PWR button to return to auto-sensing mode with lights off.*
- ② *Press SET button to enter the first Brightness setting.*
- ③ *Press SET again to skip it and move to the RGB color setting.*
- ④ *Press SET again to skip it and move to the White color setting.*
- ⑤ *Now the lights are changing from cool white smoothly to warm white then back to cool white repeatedly. When the desired white color temperature is reached (such as cool white), press PWR button to select it. After that, it will automatically save that cool white color setting and return to the auto-sensing mode.*

If you pressed SET button too many times by mistake which caused the White color setting is skipped and moved to the Delay time setting, just press SET button 3 more times to cycle back to the White color setting.

If at any time you want to exit the Settings mode without any change and return to auto-sensing mode, just press and hold PWR button until the lights turn off.

Now if you want to change the Brightness of the current light color, go to step ①, ② and select Brightness value at Step ②.

FACTORY RESET (Reset to the default settings)

Press and hold PWR, within 2 seconds press and hold SET until the blue LED blinks 3 times, then release both buttons.

BATTERY RECHARGE

Recharge the battery with USB Type-C cable when the red LED blinks 2 times every 10 seconds which indicating the battery is low.

The red LED indicator turns on during recharging and turns off after it is fully recharged. It takes about around 3 hours to fully recharge the battery.

If the red LED does not turn on after recharging cable is inserted, it may be the unit is in power off mode and it does not catch that event somehow. In that case, please press and hold PWR for 3 seconds to power it on.

If the red LED does not turn off automatically in some rare cases, just unplug the cable after 3 hours.

Always recharge the battery when aniLight is turned on. We found a bug that for some units, when aniLight is turned off, even its red LED indicator lights up, there is no real charge to the battery.

We will fix the above recharging and indicator bugs in the next firmware update.

MAGNETIC ATTACHMENT

- ① Peel off the front blue protection sheet and back 3M cover sheet from the metal plate.
- ② Stick the metal plate to the desired place.
- ③ Attach aniLight to the metal plate (Inside magnet is located near buttons).

BLUETOOTH LOW ENERGY (BLE) MODE

To enter Bluetooth Low Energy (BLE) mode:

- ① Power the unit off.
- ② Enter BLE mode: Press and hold SET. While SET is held, press and hold PWR for 3 seconds until BLUE (not green) light runs clockwise once. Then release both buttons.

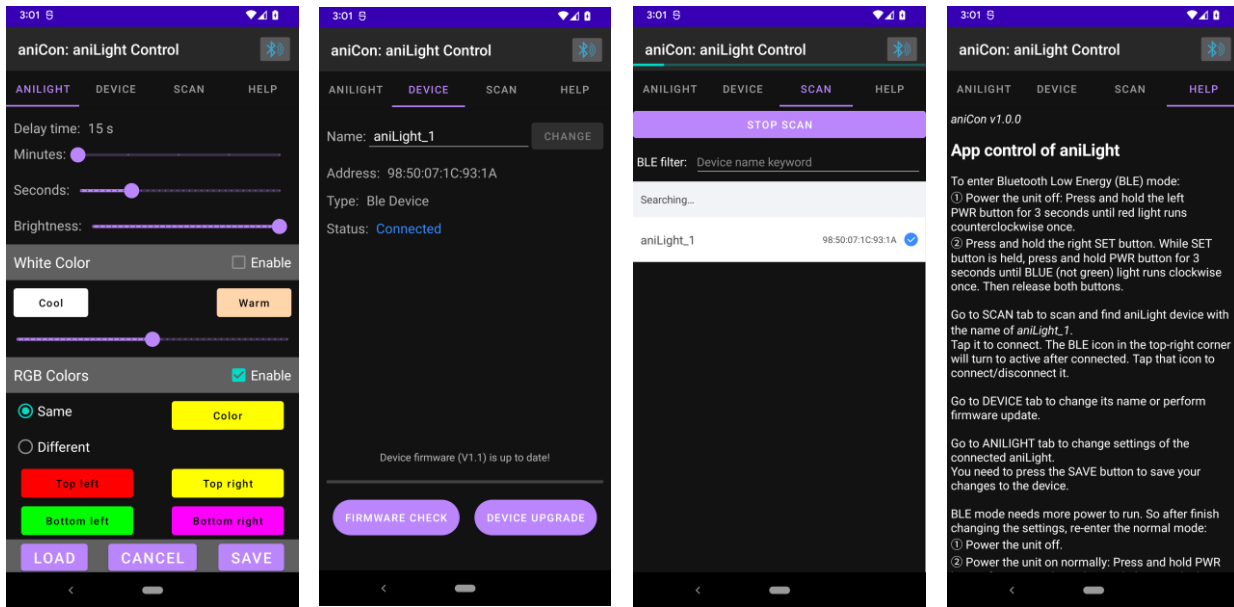
Under BLE mode, you can connect your phone to aniLight via BLE and make control of it, including change its settings easily and intuitively and perform Over-the-Air (OTA) firmware update.

Go to SCAN tab to scan and find aniLight device with the name of *aniLight_1*. Tap it to connect. The BLE icon in the top-right corner will turn to active after connected. Tap that icon to connect/disconnect it

Go to DEVICE tab to change its name or perform firmware update. An improved firmware will be provided soon.

Go to ANILIGHT tab to change settings of the connected aniLight. You need to press the SAVE button to save your changes to the device.

Go to HELP tab to get the detailed information.



An Android app named “aniCon” has already been submitted to Google Play for review, which may take up to seven days. Once approved, it will automatically be published. We have uploaded that *aniCon_5_v1.0.0.apk* file to the website mentioned at the end of this document. You could give it a try if you are familiar with side-loading APK file to your Android phone.

The iOS application is still under development. We will finish it and submit it for approval as soon as possible.

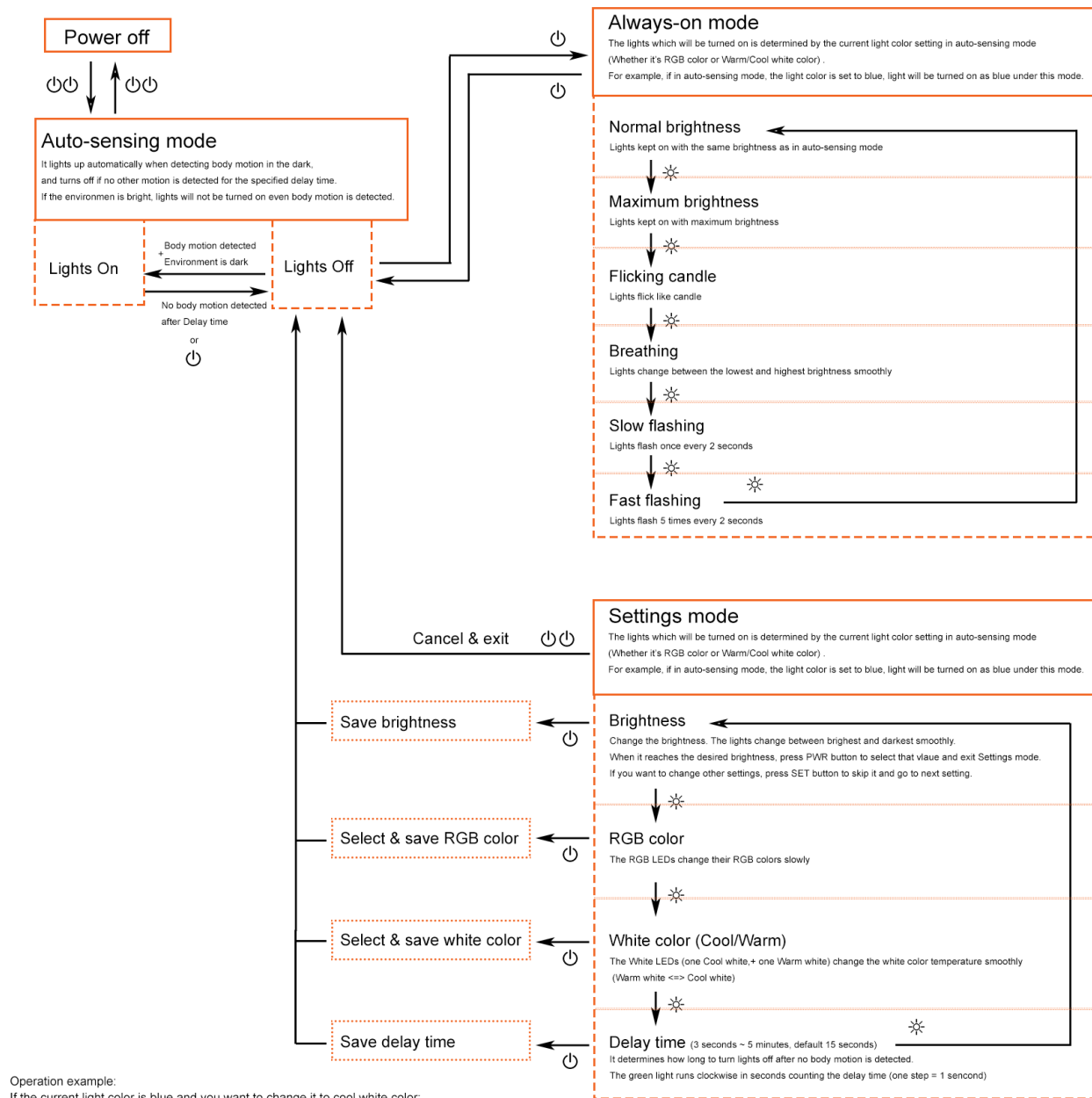
BLE mode needs more power to run. So after finish changing the settings, re-enter the normal mode:

- ① Power the unit off.
- ② Power the unit on normally.

Please refer to <https://www.anifree.com/anilight> for the latest information.



aniLight operation flow chart



Operation example:

If the current light color is blue and you want to change it to cool white color:

- 1) If the light is on, press PWR button to return to auto-sensing mode with lights off.
 - 2) Press SET button to enter Settings mode (the first setting is Brightness setting).
 - 3) Press SET again to skip it and move to the RGB color setting.
 - 4) Press SET again to skip it and move to the White color setting.
 - 5) Now the lights are changing from cool white smoothly to warm white then back to cool white repeatedly. When the desired white color temperature is reached (such as cool white), press PWR button to select it. (After that, it will automatically save that cool white color setting and immediately return to the auto-sensing mode).
- If you pressed SET button too many times by mistake which caused the White color setting is skipped and moved to the Delay time setting, just press SET button 3 more times to cycle back to the White color setting.
- If at any time you want to exit the Settings mode without any change and return to auto-sensing mode, just press and hold PWR button until the lights turn off.

⏻ : Press & hold PWR button

⏻ : Press PWR button

☀ : Press SET button

You could download the above operation flow chat image (clear PNG file version) from:

<https://www.anifree.com/anilight>.