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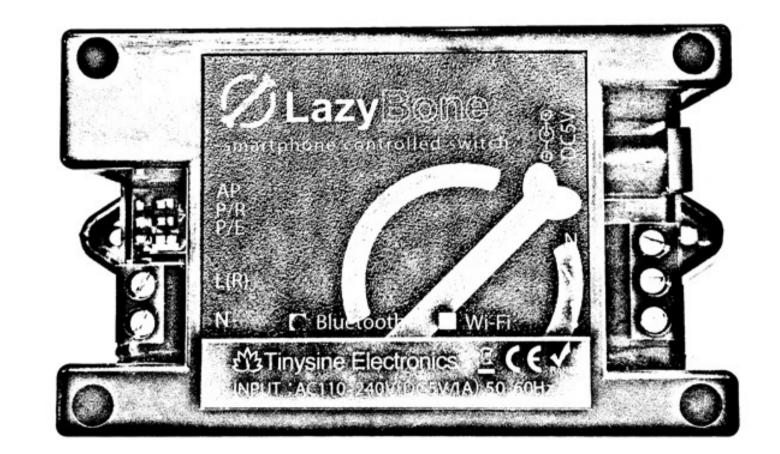
Development Tools

Sino	Currency € £ \$	Shopping Cart 0 item(s) - \$0.00	Search Welcome visitor you can <u>login</u> or <u>create an account</u> .
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elopment Tools Relay/Dimmer	Sensors Proto	otyping Robotics	Wireless/GPS PCB/PCBA
Home » SmartPhone Controlled Switch SmartPhone (Bluetooth)	Controlled Brand: Tir	d Switch -	LazyBone V5

Arduino	(Blueto	ooth)	
Audio			
Development Tools		Brand: Tinysine Product Code: G590D94611FBD1	
E-Textiles		Reward Points: 0	
LCDs&OLEDs	35	Availability: 1312	
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Robotics	Description	Reviews (1) Related Products (9)	
Wireless/GPS	I=		
Accessories	Lazybone V4 Bluetooth		
Components			
PCB/PCBA			
Retired			

Compared to the previous Lazybone V4, the v5 version has wider DC input voltage range. It's working voltage from DC5V-12V or AC110V-240V. The other functions are compatible with lazybone v4. You can use the same APP to control this unit.

Do you want to control any electrical device ON/OFF on your smartphone? ok, this 'LazyBone' is exactly what you need. 'LazyBone' is a new product of Tinysine Electronics, which has a good performance of stablity and it's very easy to use. You can use it to control a lamp, router, fan and other electrical equipments on and off by the Android/iOS phone or PC. It's also supports momentary ouput(pulse time 100ms-20s). This is LazyBone V5 Bluetooth BLE version. It supports both Android and iOS. So you can use your iPhone or Android phone control this LazyBone Switch. It's can be set to with password protection. So, you can use it to control your garage-door or any other devices that need a password protection.



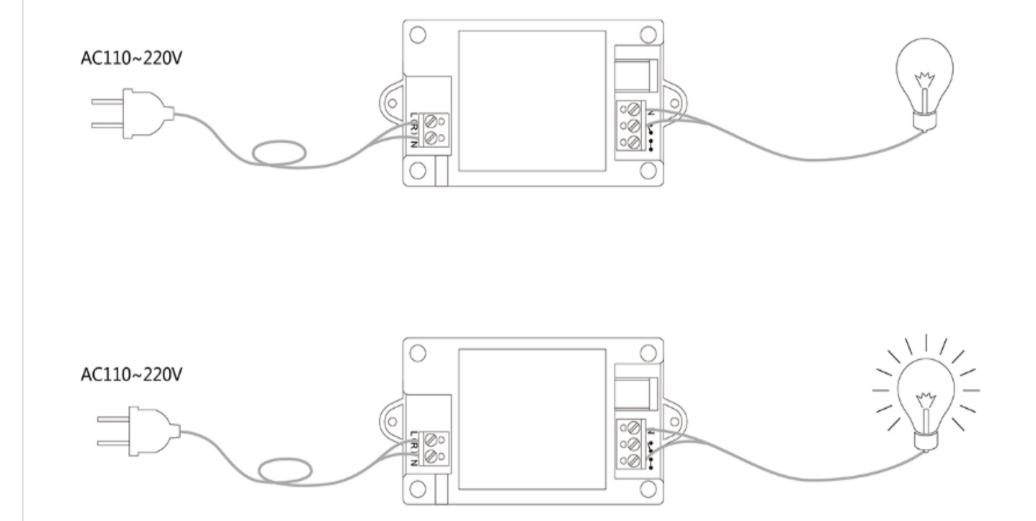
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- AP AP mode ON (for WiFi version only)
 P/R Password Reset
- P/E Password Enable (Default password: 123456)

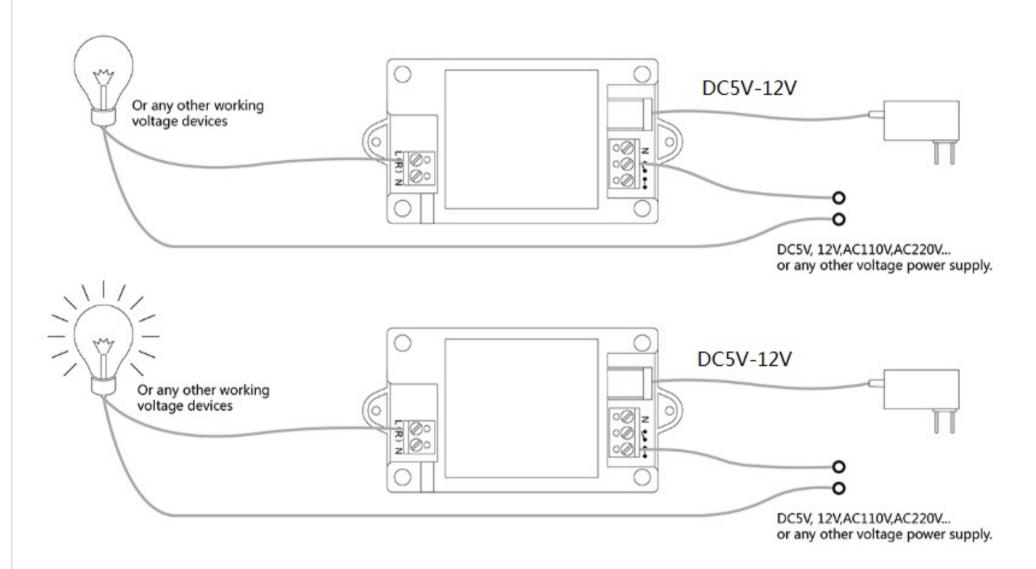
Wiring Diagram:

'LAZYBONE' has 2 working mode:

Self power mode:



Wireless switch:



Software Installation:

It has 2 basic version: Bluetooth and WiFi. And this is the Bluetooth LazyBone. We provide a free Android/IOS APP for you to control it.

How to use the software:

Android APP:

1. Click the APP, if your phone bluetooth is not open, it will indicate to open it.

2. Click the Menu and then 'Connect device'. it will auto detect the nearby BLE devices, Select and connect it. If password been enabled, Please input 123456.

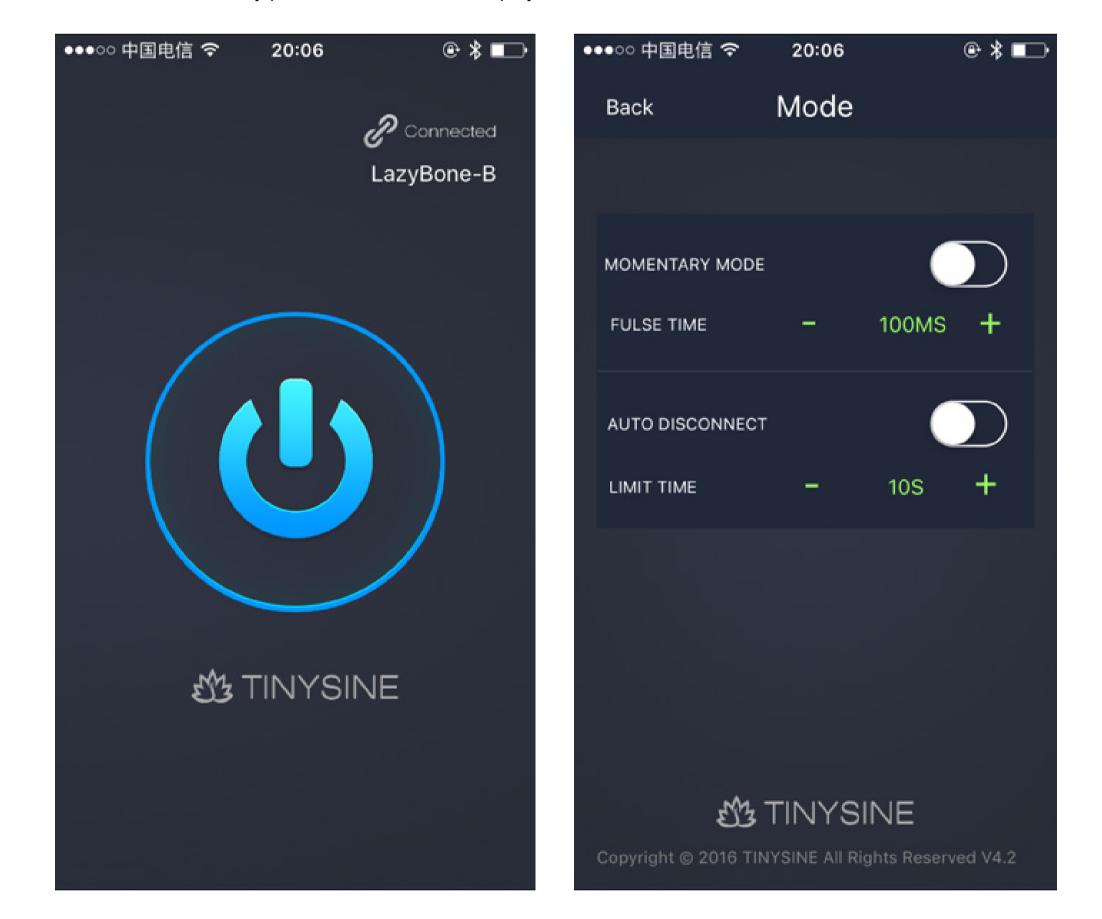
3. Now can control the device on/off by press the on/off button displayed.

iPhone APP:

1. Open the APP

2. Click 'Connect device', it will auto detect the nearby BLE devices, Select and connect it. If password been enabled, Please input 123456.

3. Now can control the device on/off by press the on/off button displayed.



Momentary mode:

1. Click the Modes, You will entering mode setting page.

2. You can set the pulse time (100ms-20s). And turn on momentary mode.

3. Back to main page, now you click the button it will have a pulse ouput. Turn on->keeping a while->release.

Commands

We also provided a very simple command set for developer developing their own APP. The Lazybone operates with an easy to use command set as described in the table below.

Command		nd	Action			
doc	hex	ASCII	Action			
60	3C	<	Get the P/E state, returns 1 byte, 0x11 - password enabled, 0x10 - password disabled			
63	3F	?	Verify the password, followed by 3 bytes password, returns 1 byte, 0x01 - password correct and 0x00 - password incorrect			
64	40	0	Set password, followed by 3 bytes new password			
90	5A	Z	Get software version - returns 2 bytes, the first byte being the Module ID which is 15, followed by the software version			
91	5B	[Get relay states - send a single byte back to the controller, bit high meaning the corresponding relay is in position 1			
99	63	С	Relay Momentary Output - 0x63 + pulse (0x00~0xFF) Example: 0x63 0x05, Pulse output 500ms			
101	65	е	Relay to position 1			
111	6F	0	Relay to position 0			

- AC110-240 or DC5V-12V working voltage.
- Standby Current 30mA/5VDC
 Current rating of up to 10 Amp.
 Dimension :80x49x31(mm)
 Control distance:25m (outdoor)

- Support Android: Above V4.3
- Support iPhone: Above iPhone5

Download:

- <u>User Manual</u>
- Android APP
- iPhone APP New Features on Lazybone V5
- Android APP source code
- iOS APP source code
- How to rename and control multiple lazybones

Tags: <u>Bluetooth</u>, <u>Lazybone</u>,

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