

# Guide Manual

## Upgrade X-lite Internal Charging by USB Port

The original X-lite can only be charged by take battery out because no charging circuit inside. Here we introduce how to upgrade your X-lite charging by USB port via Internal Charging Board Kit.



(Upgrade internal Charging Board)

### 1, Open X-lite



\* Take SD card and Battery out at first

Remove all screws, and open start from inside of battery case. Please close attention and be careful, the Buckle may broken if uncomfortable strength.

For more detail how to open X-lite can reference Video here:

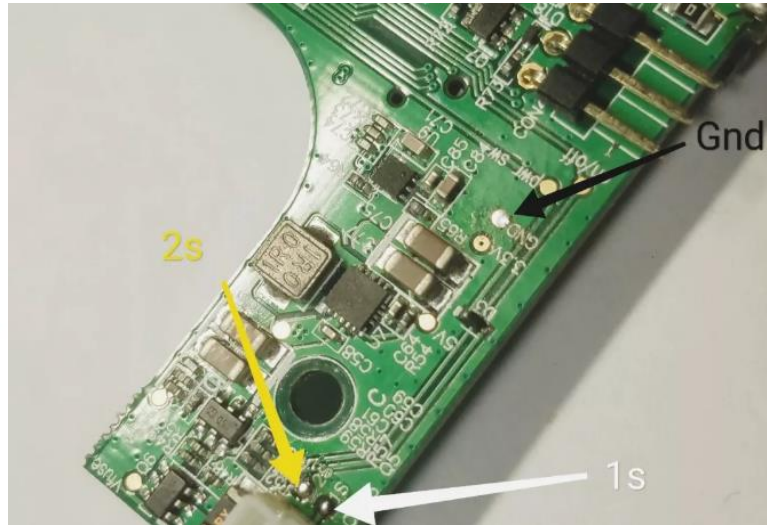
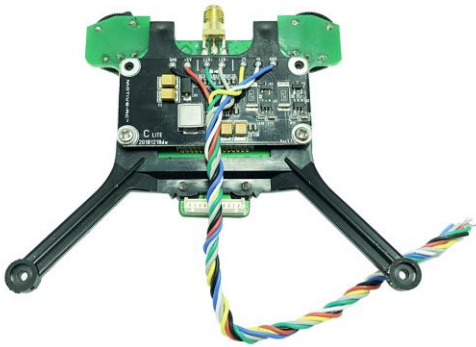
[https://www.youtube.com/watch?v=U1-60Cl43hw&list=PL\\_mM8SahKTf1QV\\_rAEn7pF0oTBr5jeCVp&index=2](https://www.youtube.com/watch?v=U1-60Cl43hw&list=PL_mM8SahKTf1QV_rAEn7pF0oTBr5jeCVp&index=2)

### 2, Disassemble Main Board and RF- Board



Upgrade internal Charging board will amount under RF Board.

### 3, Soldering wires on Charging Board



**Yellow Cable**----> 2S  
**White Cable**----> 1S  
**Blue Cable** ----> GND

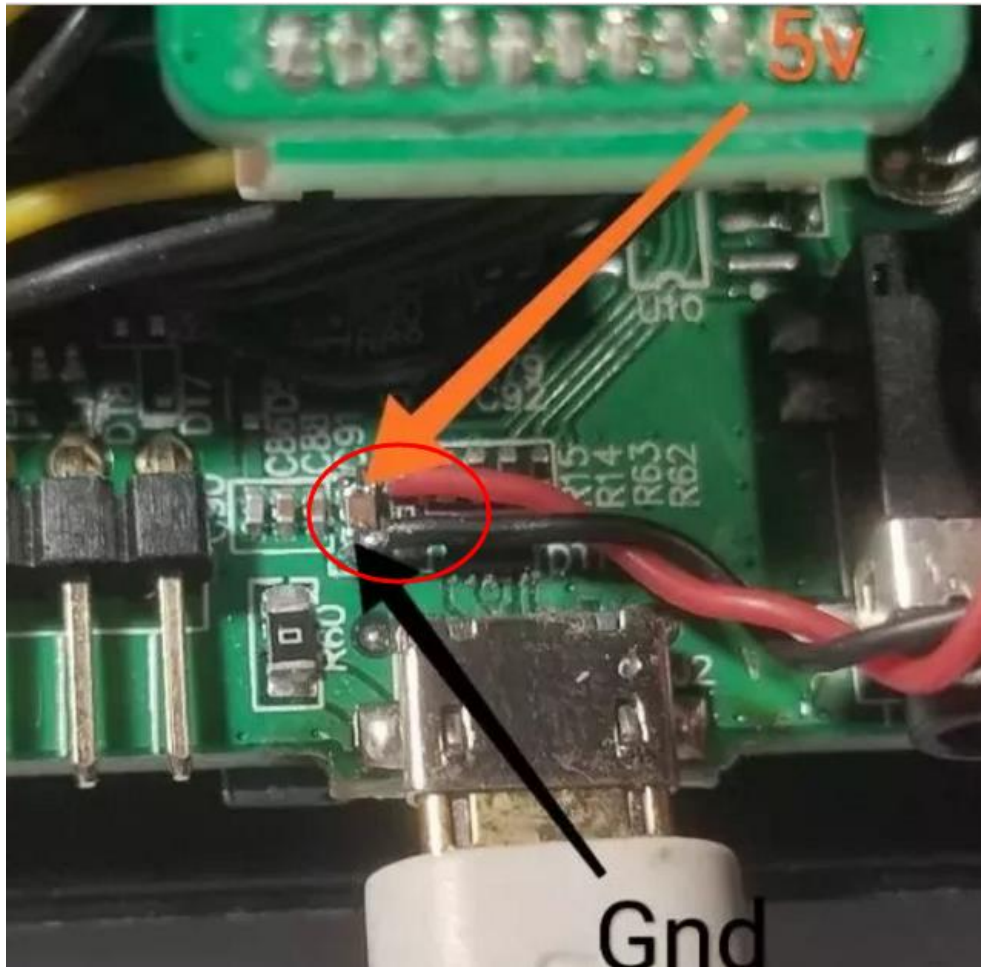
### 4, Add LED Charging status light for Charging board - Install LED under power Button, fixing by Hot glue.



- **Green Cable** to LED+, **Gray Cable** to LED- ( LED lamp long pin is positive, short pin is negative)

5, Install RF board and Main Board back

6, Connection Charging board GND and +5V to USB port



So far the upgrade modify has been completed.



Assemble close the case, plug the USB, LED light on indicating modify success!



**Attentions:**

- 1, The X-lite can't be powered on under the charging status.
- 2, Connection USB when X-lite Power ON: will show message ask if active on "USB Joystick(HID)" or "USB Storage(SD)".