

# Shanling M0 / M5s disassembly

*Note 1: as example we took apart Shanling M0, but construction of M5s is almost identical, with just different amount of screws inside.*

*Note 2: Any disassembly of Shanling device not performed by Shanling workers or one of our distributors voids any warranty of the device.*

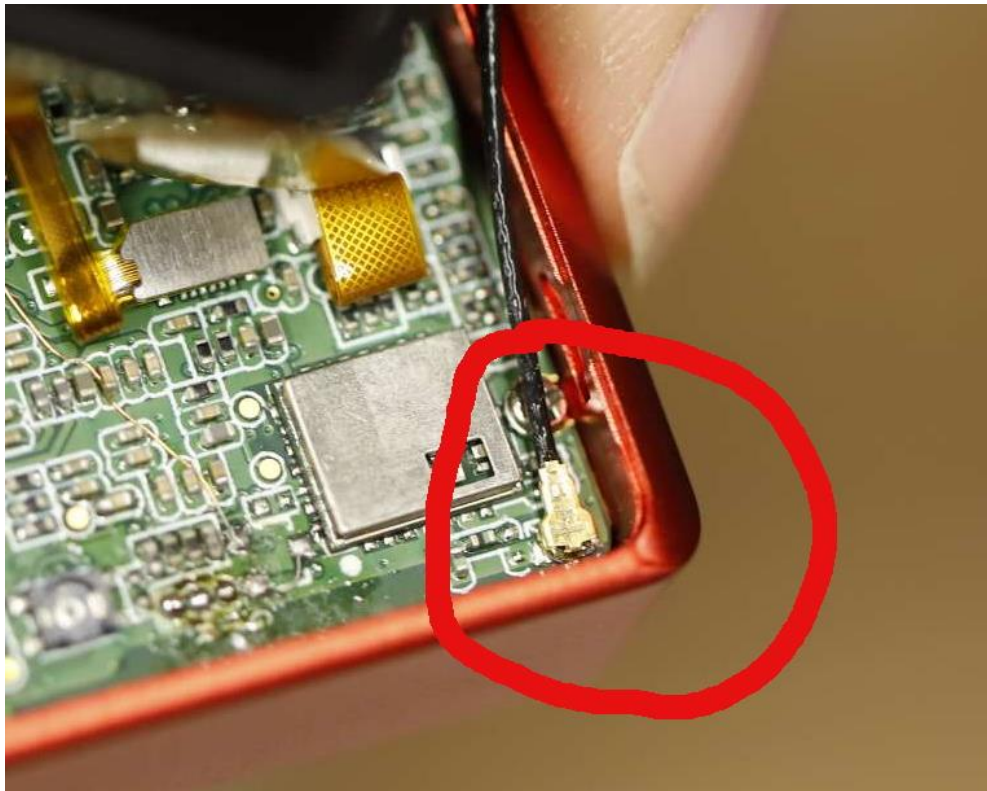
## Removing front panel

1. Front panel is connected to aluminium body with 6 small plastic legs around edges of panel. To open device, we advise to use suction cup on front panel and slowly apply more force, until panel separates from body.  
*WARNING: Front panel is connected to PCB with three cables, which can be easily destroyed if panel is removed too quickly or with too much force.*



2. Remove three wires connecting front panel with PCB.

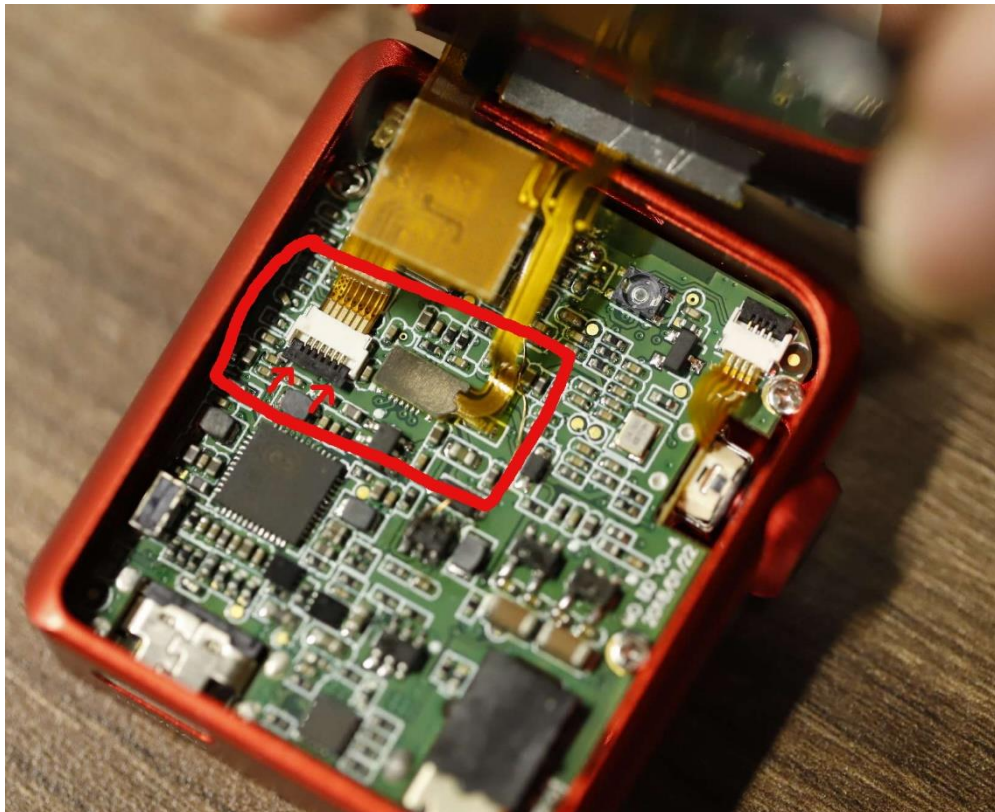
Firstly, disconnect coaxial connector in upper left corner of PCB. Simply pull up.



Continue by disconnecting pair of ribbon cables.

Left connector needs to be firstly unlocked. Insert tool under black part of connector (marked with arrows in picture) and push up to open lock. Now slide ribbon cable out of connector.

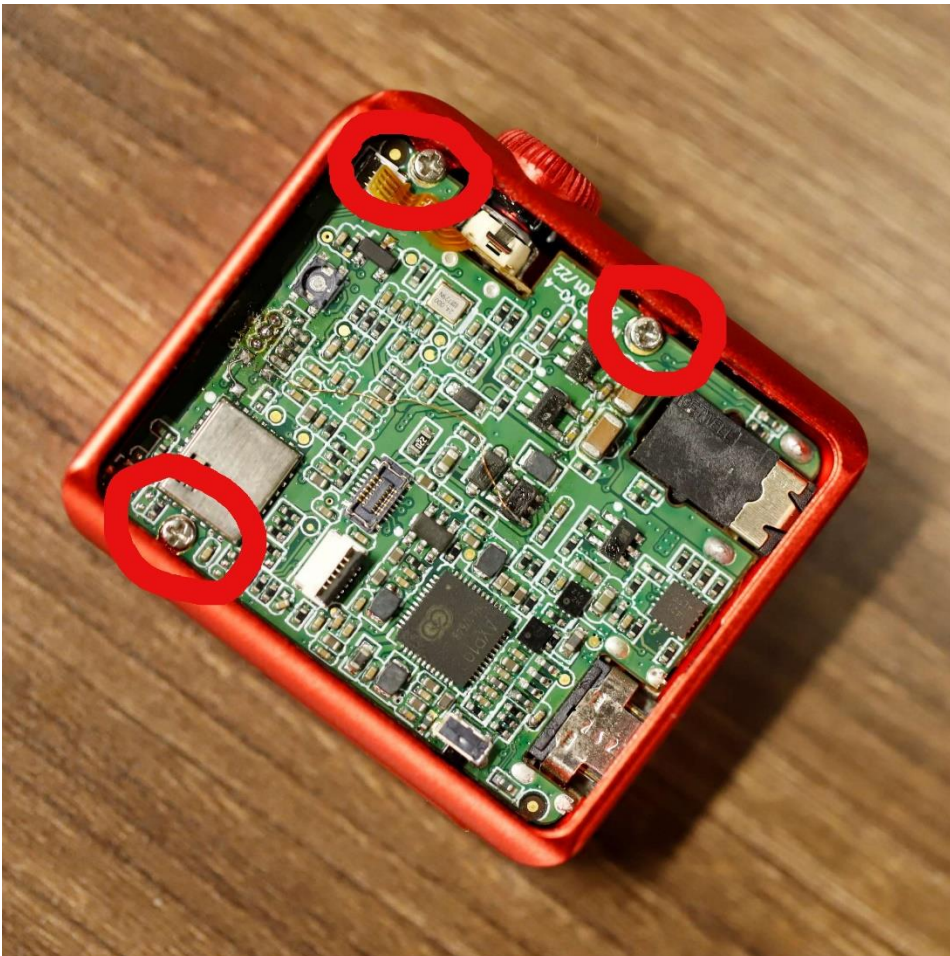
Right connector can be simply disconnected by using flat tool and pushing up.



3. Disconnect ribbon cable of volume wheel.  
Connector with lock is used again, unlock it before sliding cable out.



4. Remove three screws on PCB. Insert tool into opening around volume wheel to pry PCB out of device. Firstly lift up upper part of PCB, since bottom part is hold in place by connectors protruding into aluminium frame. *WARNING: Removing and reinserting PCB can affect position of volume wheel against button on PCB, be careful when reinserting PCB and be sure to test out click function of wheel multiple times.*



5. On bottom of PCB is battery connector.  
Battery is glued to aluminium body, use heat gun to loosen up glue and pry the battery away.



6. After battery is removed, volume wheel mechanism can be replaced. Slide it off from volume wheel rod and replace it with new one. Be careful with aligning of rod and opening of mechanism.