

The Quick User Guide of MP1280 External battery case

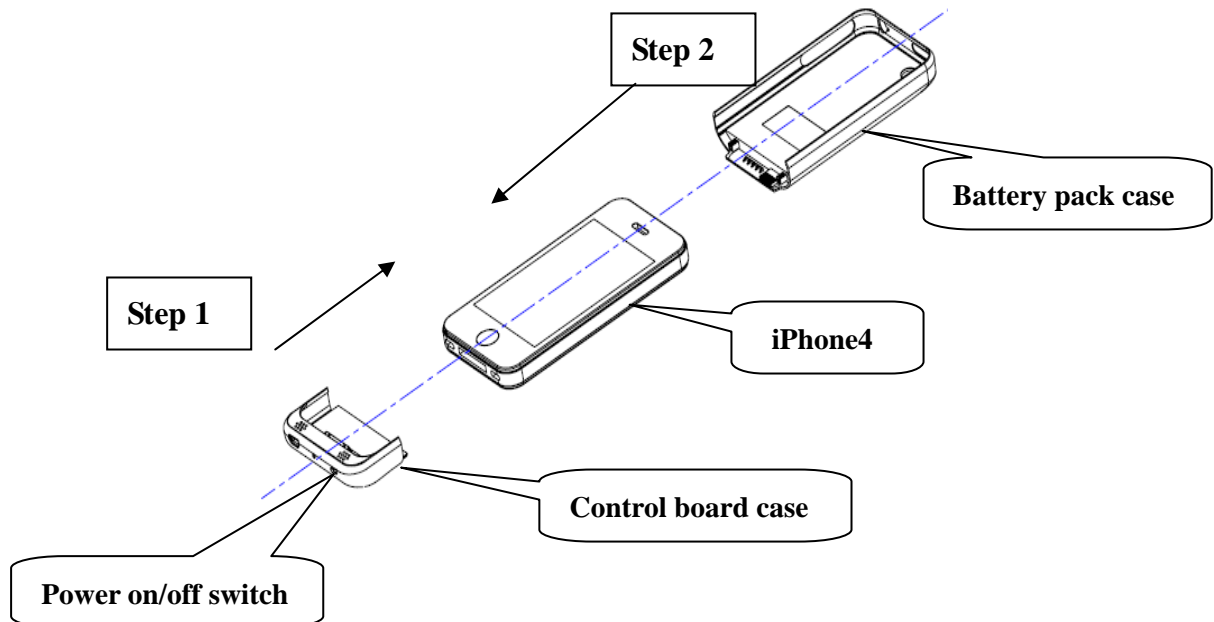
◆ Product overview :

MP1280 external battery case is special designed for the iPhone4, It not only protects the iPhone4 far from damage of scratches or drops, but also to provide additional power for iPhone4 working ,in order to extend the standby time. But it only supply power for iPhone4 working and without charging for its internal battery, which is avoided shorten the cycle life of iPhone4's internal battery caused by repeat charging always, So it will extended its cycle life when working with MP1280. Due to two advantages of the above, MP1280 is the most avant-garde design for protection iPhone4.The iPhone4 will be priority in the use of power provided by the MP1280,so iPhone4 consume its battery power only after running out MP1280's battery power.

◆ Standard package

- a. Power pack case
- b. Control board case
- c. iPhone4 Protection film
- d. Micro USB to USB of charging & data transferred cable
- e. User guide
- f. Warranty Card

◆ Connect method:



Step 1: Insert the control board case into the bottom of iPhone4.

Step 2: Set the battery pack case into the top of iPhone4, and then slowly draw down until the bottom pack case is fully engaged with the control board case .

Step 3: The Charged/Discharged capacity indicated LED will turn light when Power ON/OFF switch slid to ON position , and the screen iPhone4 will show a plug on the battery symbol mark, that MP1280 has started to supply power to the

iPhone4 work.

Notes:

Just buy a new battery pack case to replace old one when the battery pack case died cause by the end of battery cell cycle life, and no need to replace the control board case, you may continue to use as a new one. Sometimes the iPhone4 will display disorder message, please ignore it.

◆ Ravel method



Step 1: The illustration description as follow, Hold the mark position of the “Tekkeon”, then pull out the control bottom case from the iPhone4.

Step 2: Slowly removed the battery pack case from the top of iPhone4.

◆ MP1280 illustration and description

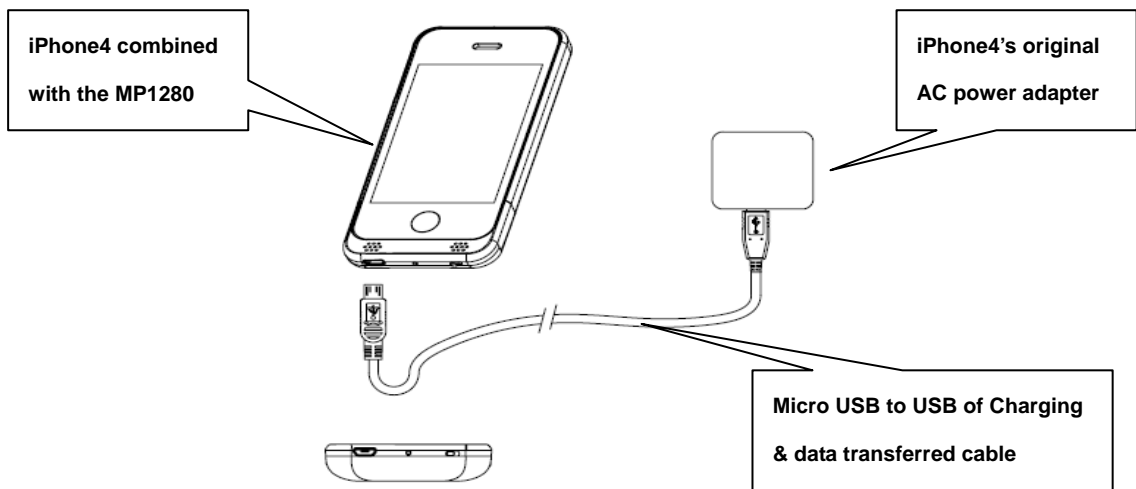


1. ~~Micro USB port~~ :

a. For power charging :

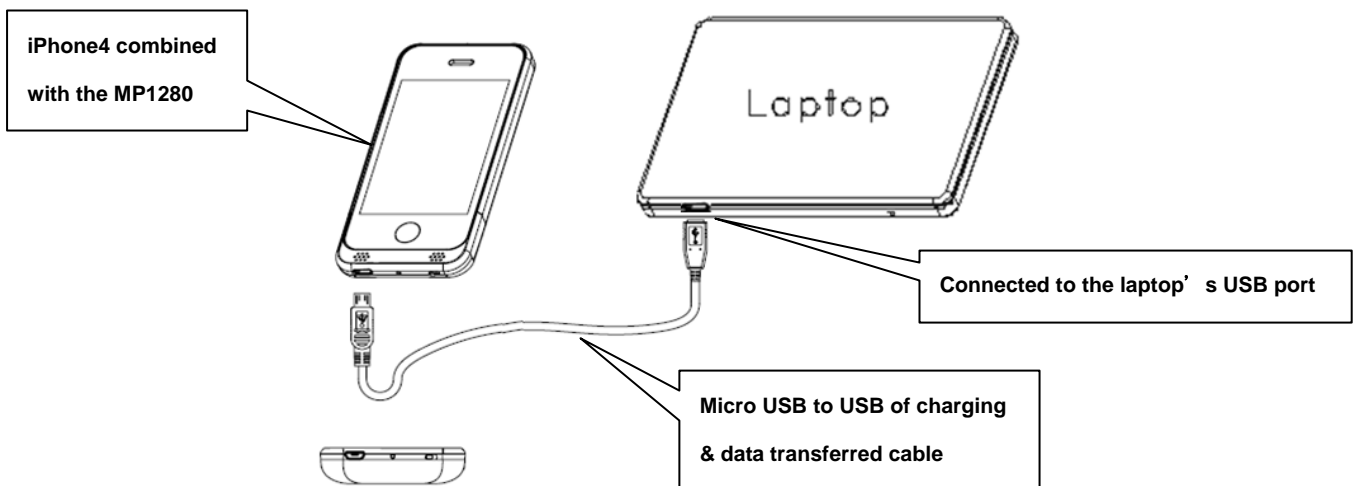
Connect the Micro USB to USB of charging & data transferred cable to the USB port of iPhone4's original AC power adapter as below illustration , it will be charged MP1280 and iPhone4 both by this way. It will charged iPhone4 firstly, then starting charged MP1280 after iPhone4 had been fully charged, Both the MP1280 and

iPhone4 total fully charged time is about 5~6h. By the way, the MP1280 can be charged by stand-alone without connecting the iPhone4, the charging time is about 2~3h.



b. For power charging and data transferred :

Connect the supplied Micro USB to USB of charging & data transferred cable to the Laptop's USB port for power charging & data transferred, it's not only charged iPhone4 and MP1280 both by Laptops, but also the iPhone4 and Laptops will transfer data to each other by this way.



2. Charged/discharged capacity indicated LED: 1pc orange & blue color LED to indicate the capacity status when on charging and discharging process.

a. On Charging: In the top of the iPhone4's screen will show a lightning on the battery symbol mark, it's means the iPhone4 already on the state of charged, the MP1280's also on charging state at same time and the MP1280's indicated LED will turn light, the situation as follows:

Table 2. a

Indicated LED	charging capacity of MP1280
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Orange color	0%~80%
Blue color	80%~100%

b. On Discharging: In the top of the iPhone4's screen will show a plug on the battery symbol mark, it means MP1280 already offer power to iPhone4 working but without charging, the MP1280's indicated LED will turn light at same time, the situation as follows:

Table 2 .b

Indicated LED	discharging capacity of MP1280
Blue color	100%~20%
Orange color	20%~ 0%

3. Power ON/OFF Switch:

a. On Discharging:

Turn ON : the MP1280 offer power for iPhone4 working but without charging , the indicated LED will light, and the color of light as described above Table 2. b .

Turn OFF : MP1280 does not offer power for iPhone4 working , and the indicated LED will go out.

b. On Charging:

The switch does not affect the charging function whether it is ON or OFF position, and the color of light as described above Table 2. a .

4. Power Output port: Output 5V/0.5A to iPhone4 working from the connector.

◆ Safety precaution :

1. MP1280 should be kept in dry and cold storage, Operating temperature range is -10 ~+40°C, and recommended the storage temperature range is 0~30°C.
2. Keep MP1280 away far from fire or other sources of extreme heat, Exposure of battery to extreme heat may result in an explosion.
3. Do not place the MP1280 on easy to splash water or Long-humid locations.
4. Must be recycled or properly disposed of used battery.
5. Do not attempt to disassemble or reassemble the battery, do not lead to short-circuit, and so on, which may cause severe damage to the battery.

- 6. Do not plug AC power adapter continually, which is the best method to extend battery cycle life.**
- 7. The extent to which battery's 300 discharge/charge cycles is acceptable to the MP1280, Try to avoid discharge/charge over normal operated temperature for it.**