**Product introduction**

Pangao scalp massager applies to 3D massage technology, simulates head SPA massage method, acts on physical head, thus promote head blood circulation, relax brain, relieve tense, pleasantly enjoy head massage at home. Along with hair dressing, easily help cleaning scalp dirt and keeping refreshing and health of scalp.

**Features**
- Waterproof design, applicable for dry or wet use;
- Four-wheel rotary massage design, adjustable under positive or inverse mode;
- Environmental-friendly silicon gel massage head, with design of 28 contact heads, more comfortable in use;
- Massage head can be removed and cleaned up;
- Applicable for massages on several parts;
- Power supply from lithium cell, safety and reliability, more convenient use;
- USB fast charge;
- Auto timing of 15min;

**Technical parameter and specs**

1. **Product specs**
   Name: Scalp massager  
   Model: IZ-2701  
   Charging power supply: 5V DC 1A(USB)  
   Rated power: 5W  
   Lithium cell: 3.7V DC 1450mAh  
   Charge time: 2-3hrs  
   Timing: 15min  
   Product size: 101x101x133mm  
   Weight: about 400g

2. **Normal operation conditions:**
   Ambient temperature: +5°C to +40°C;

Relative humidity: less than 80%;  
Atmospheric pressure: 86kPa to 106kPa;

3. **Transportation and storage conditions**
   Ambient temperature scope: -20°C to +55°C  
   Relative humidity: less than 93%;  
   Atmospheric pressure: 50kPa to 106kPa.

**Product component**
1. Host  
2. Charge base  
3. USB lead  
4. Operation manual  
5. Certificate of conformity

**Product illustration**
Operation descriptions

1. Preparation before use
   Please check if built-in lithium cell is sufficient for power supply, need charge if indication lamp \( \bigcirc \) flashes at work. Insert USB lead into mobile power supply or computer USB port (ensuring 5VDC), then insert mini USB plug into charge port of charger base, thus host charge indication lamp \( \bigcirc \) flashes, it is always-on after it is full. Make next step if built-in lithium cell is not enough.

2. Push down \( \bigcirc \) key for startup, host starts to run, access to low-rate positive operation mode, default lasts for 15min, it automatically stops after 15min.

3. Click \( \bigcirc \) key, select three modes, \( \bigcirc \) indication lamp flashes, respectively indicate as follows:
   - Model1: Low-speed clockwise operation, \( \bigcirc \) indication lamp flashes for once
   - Model2: High-speed clockwise operation, \( \bigcirc \) indication lamp flashes for twice
   - Model3: High-speed clockwise and counterclockwise alternate operation, \( \bigcirc \) indication lamp continuously flashes for thrice

4. Turn off power
   If operator stops operation, he only needs to hold down \( \bigcirc \) key for 1-2s for turn-off.

Use of charge cell

1. During use of head massager, if \( \bigcirc \) indication lamp lights up or massage force faints, it means that built-in lithium cell is not enough, thus use USB lead for charge. Indication lamp (green) \( \bigcirc \) flashes as it charges. After charging into full, charge indication lamp (green) \( \bigcirc \) is always-on, charge lasts for 2-3hrs.

2. As it charges, he keeps full contact between host charge contact point and elastic contact point of charge base, shown in diagram below.

3. It can be used for 90min after charged.

4. Under normal use, this charged cell life lasts for over 500times of charge or discharge, about three years as life of use (if use two times per day).
5. Charged cell reduces its life if no use lasts for long time, it is advised to charge at least once a month.

Safety considerations
1. Please carefully read and understand full operation manual before operation and use.
2. Please first clean up massage head before use.
3. Those are out of consciousness of expression (such as children) are not allowed to use.
4. Those are allergic to skin are not allowed to use.
5. Those who are pregnant, heart disease, abnormal blood pressure, malignant tumor, acute patients or those are under medical treatment are not allowed to use.
6. Those who feel discomfort or their skin became abnormal during use must be ordered to stop use and consult with doctor.
7. It is allowed to use during car driving.
8. It is not allowed to use at flammable, explosive, high temperature and humid places and where electromagnetic radiation exists.
9. Those whose heads are inflammable or coagulation and other uncomfortable symptoms or those even wax wax was head surgery are not allowed to use.
10. It is not allowed to privately disassemble, and prevent from any failure because of any collision or water entry.
11. As continuous use for too long time may cause overheated product or reduce life of use. If product is overheated, please stop use. Use it only after temperature reduction.

Clearance, maintenance and custody
1. Clearance and maintenance
   (1) Dip little clear water and wipe out dirt by dry soft cloth or dry towel as host or charger base becomes dirty.
   (2) As massage head becomes dirty, directly disassemble it and clean up by water.

   (3) Must not clean it up through steel wire mesh, iron brush or sharp appliances and some volatile or corrosive solvent.

2. Custodies
   (1) Please place it beyond where child reaches
   (2) Keep it where to be beyond direct exposure to sunlight, high temperature and high humidity
   (3) Keep custodies at dry and free air place.
   (4) Private disassembly, repair or modification is not allowed since it causes incident or failure.

General failure and solutions

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Checkup items</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No startup</td>
<td>Is power charge cell is sufficient?</td>
<td>If not, please charge it by USB lead.</td>
</tr>
<tr>
<td>Can not charge or none indication for charge.</td>
<td>Have USB lead been linked therein?</td>
<td>Check if USB lead plug is inserted in place.</td>
</tr>
<tr>
<td></td>
<td>Is charged power supply sufficient?</td>
<td>Check if charge power supply (mobile power supply, computer USB port) outputs normally.</td>
</tr>
<tr>
<td></td>
<td>Does charge contact point fully contact with elastic contact point at charger base?</td>
<td>Again place host into charger base, surely keep host charge contact point fully contact with elastic point at charge base.</td>
</tr>
<tr>
<td>Shasha voice sends during operation</td>
<td>It is normal voice as it runs</td>
<td>/</td>
</tr>
</tbody>
</table>

Note: if some issues still cannot be handled, please contact with us for further operation instruction or make repair.