

# HK11 Fatigue Relieve Massage Machine User Manual

## 1. Declaration

This health care device cannot replace with any medical equipment. If you feel discomfort due to personal differences or from improper use, please stop using it immediately. If you have a strong reaction in the treatment, please consult a doctor immediately.

## 2. Principle Description

This device is based on the research result about modern medicine on human micro-current stimulation, which is combined with the theories and experiences in traditional Chinese medicine, acupuncture, and massage. To apply micro-current to stimulate the surface nerve to relieve local ache or muscle fatigue, such as, waist and shoulder strain, soft tissue damage, rheumatic pain or muscle soreness caused by fatigue...etc.

## 3. Safety Precautions



**To prevent any possible injury, please read all safety precautions before using this device.**

**3.1** Do not use this device in the following situations to avoid danger or threatening in life:

- ① For those who use implanted electronic physiotherapy instruments, such as, a Cardiac Pacemaker.
- ② For those who use medical equipment to sustain lives, such as, an Artificial Heart-lung Machine.
- ③ When this device is in abnormalities, malfunctions, or charging.

**3.2** It is not recommended to use this device in the following situations. Or you should consult your doctor beforehand:

- ① For patients who have heart disease, abnormal in blood pressure, or patients who feel uncomfortable during the treatment.
- ② For patients with a high temperature exceeds 38 degrees Celsius.
- ③ For those who are allergic to the electrode sheet.
- ④ Maternity or pregnant women.

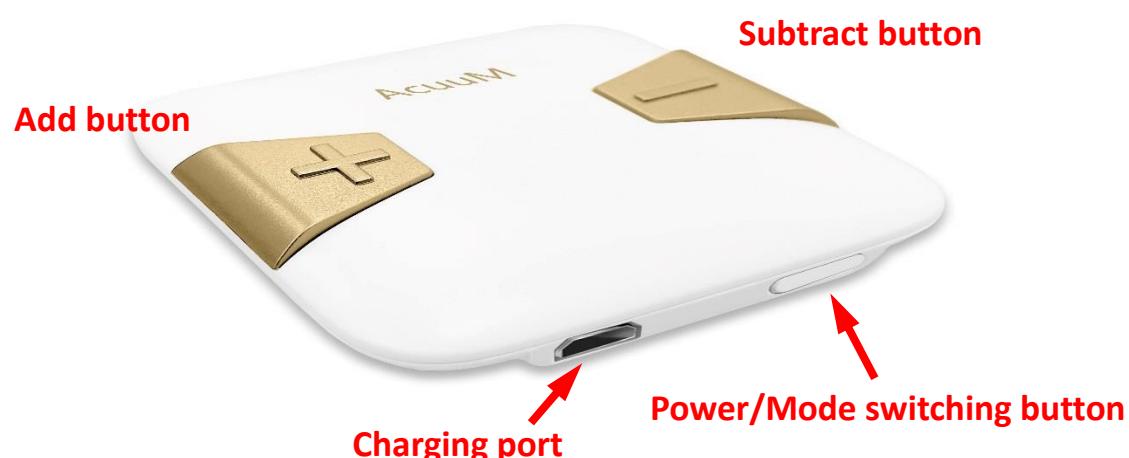
### 3.3 Other notes:

- ① Do not use this device close to heart, above the neck, in dermatosis or other sensitive areas to avoid any uncomfortable it may bring to you.
- ② Do not use this device on areas with symptoms, such as, broken skin, inflammation, high temperature, or redness. It may cause deterioration on the part.
- ③ This device has a built-in lithium battery. Do not disassemble or repair the device yourself, or place it near high temperatures or dispose into the fire.
- ④ Please keep it in a cool, dry place where children cannot reach. Failure to follow this could result in injury to the children.
- ⑤ If a child or pet accidentally swallows small parts of the device, it may cause suffocation, please consult a doctor immediately.
- ⑥ To keep the battery performs well, please charge the device at a suggested interval (at every two months) when it is not in use for a long time.
- ⑦ This device is not waterproof.

## 4. Packing List

- 4.1 One device.
- 4.2 Two pieces of the electrode.
- 4.3 One charging cable.
- 4.4 One Instruction Manual.
- 4.5 One Certificate of Qualification.

## 5. Device Operation Instructions



## Electrodes



The two buttons on the electrode sheet are buckled onto the device, the film on the electrode sheet is removed, and the electrode sheet is attached to the body part where requires health care. The following is the operating instructions for the Fatigue Relieve Massage Machine:

**5.1 Charging:** When first use, please use the USB charging cable with this unit to connect to the USB port of the device and charger for charging. When the device is in charge, the red indicator light is always on, and all buttons are not available. After the charging is completed, the red indicator light is off and the green indicator light is on. Charging voltage is 5V DC.

**5.2 Power On:** Press and hold the [Power] button for more than 3 seconds to boot. The default mode is 1 and the preset intensity is 1 after power is on, the first indicator light is always on.

**5.3 Power Off:** Press and hold the [Power] button for more than 3 seconds to shut the device down. It can be turned off at any state or mode.

**5.4 Pause:** Long press [+] button or [-] button for more than 3 seconds to pause. After pausing it, short press [+] button or [-] button to restart. If no button has operated in 60 seconds at the suspended state, the machine will shut down automatically.

**5.5 Current Intensity Increment/Decrement:** When the device is enabled, press [+] button or [-] button to increase/decrease the current intensity. There are 10 intensities totally. Mode 1 is the weakest, Mode 10 is the strongest.

### 5.6 Mode Switching:

①When the device is enabled, short press [Power] button to switch the mode. When switching to a new mode, the preset intensity is 1.

②When the mode 1 is in use, the first indicator light is always on. When mode 2 is in used, the first and second indicator lights are always on, and the other modes work in a similar way.

③ If you want to switch from normal mode to expert mode, you need to operate on the APP. In an expert mode, the first and third mode indicators are lit at the same time.

④ When the power is changed from off to on, the mode defaults to the mode used before the last shutdown.

The running time of each mode is 10 minutes by default and can be set on the APP from 1 to 20 minutes. After set up, the operation on the device or APP will run accordingly.

**5.7 Status Detection:** When the electrode split away from the skin during the device is working, the indicator light will flash, and the device will automatically detect whether the electrode piece is reattached to the skin. If it has been reattached to the skin, it will enter the current usage mode otherwise it will shut down after 60 seconds automatically. In this state, the device cannot perform operations such as pause, mode switching, or any current intensity changes.

**5.8 Low Battery:** When the power is lower than 10%, the device will automatically stop the current output and all indicator lights will turn off. The device will shut down after buzzer sounds "Di-di" for 10 seconds. When in a low-battery state, please connect to a charger for charging.

## 6. Smart Phone APP Installation and Use Instructions

### 6.1 APP Installation

Please scan the QR code below to install the APP.



IOS APP QR code



Google play APP QR code



APP interface

## 6.2 Usage Mode Description

The sequences of 5 modes and functions are as follows:

- ①Mode 1: Analgesia mode.
- ②Mode 2: Massage mode.
- ③Mode 3: Rehabilitation mode.
- ④Mode 4: Diminish inflammation mode.
- ⑤Expert model: There are 8 modes for different symptoms. Please select a feature on the APP.

## 7. Product Specifications

Lithium battery	3.7V/400mAh
Bluetooth	BLE5.0
Charging voltage / current	5V/350mA

## 8. Certifications

**8.1** RoHS certification (10 items).

**8.2** IEC report.

**8.3** CE-RED.

**8.4** UN38.8

**8.5** FCC Certification (COC).

**8.6** BQB certification.

**9.** Please contact: [ivan\\_chen@dahuitec.com](mailto:ivan_chen@dahuitec.com), if you would like to make an order. Any question regards to device quality or how to use the device is welcomed.

**10.** Our company reserves the right to change the technical specifications of the hardware and software in this manual at any time without prior notice.

**11.** No company or individual is allowed to copy this manual in whole or in part in any form without a prior written authorization from our company (except for a simple reference in a review article or comment).

**12.** This device has been patented. It is strictly forbidden to copy or use the related technologies or put them into production without authorization from our company. Our company reserves the rights to take legal actions to claim damages from infringement.

**FCC Requirement**

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.