MIKUTEC ET-A1B user guide

Issue 1

Table of contents

Security matters
Please read the following concise rules. Failure to comply with these rules may result in danger or in violation of the law. For more information, read the full user guide

Interference
All wireless devices are susceptible to
interference, which can affect performance.

Use of qualified maintenance services
Only qualified maintenance personnel
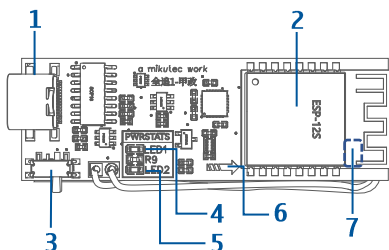can repair the equipment.

Keep the equipment dry
This equipment does not have waterproof performance, please keep
dry.

Introduction to use
Buttons and components
Heads

1 Type-C jack
2 wireless modules
3 power switch
4 charging indicator (yellow)
5 Full Power Indicator (green)
6 direction sign
7 status indicator

Charge the battery
When the battery is low, you can use a compatible USB data cable to connect the tracker to a compatible power supply. You can still use the tracker while charging it.
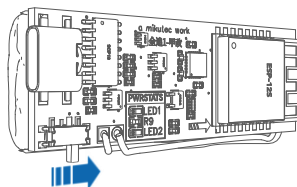Care must be taken when connecting or disconnecting the charger cable to avoid damaging the charger jack.

About the battery
Your Tracker has a built-in 1000mAh non-removable battery that provides about 9 hours of continuous use.
Do not attempt to remove the battery from the device. To replace the battery, please send the device back.

First start
Power on or power off
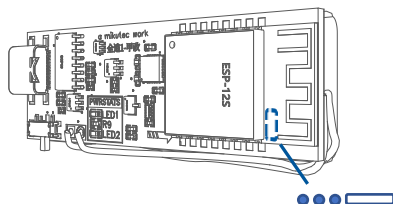Flick the power switch until the status indicator light enters flashing.

The first time using the tracker
When you use a tracker for the first time, you need to network the tracker.
Turn on the tracker   ·
Power up the tracker in the manner described above. At this point the indicator should be in the state of flashing three times every five seconds.
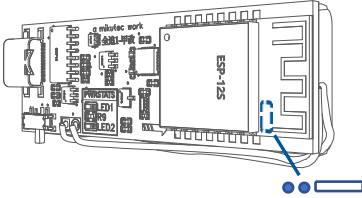

Start the distribution grid
A phone connection requires Wi-Fi from the distribution network, open the application "EspTouch", select the option "EspTouch", fill in the Wi-Fi Introduction to use 5
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password and the number of trackers to distribute, and select "multicast".
Click "OK" to distribute the network for the device.
Distribution network successful
When the equipment distribution network is completed, the "EspTouch" indicates that the distribution network has succeeded, and the status of the light flashes twice every five seconds,

meaning that the tracker is ready to connect to the server. The Tracker will retain your configured Wi-Fi credentials the next time you boot up and will automatically connect to Wi Fi

Install the software package on your computer
To get the tracker to work with your PC, visit www.douzidoge.cn to download the package.
Your computer requires two pieces of software:

Java 11 and above
SLIMEVR server and driver

First double-click to run "jdk-xx.x", follow the prompt to complete the installation program and restart your computer.
Then unzip the zipped file "SLIMEVR" you downloaded from the web site and copy the extracted drive folder "SLIMEVR" to the "$YOUR STEAMVR installation directory $drivers" directory.
$YOUR STEAMVR installation directory $will usually be C: program Files (x86) steam steamapps common SteamVR
At this point, you can start the server process by double-clicking the server side executable file "SLIMEVR.

Jar". It is recommended to create a shortcut on the desktop for this purpose.
Indicator status statement
There are three states of light:
blinks three times every five seconds
At this point the tracker can not connect to any wireless network with its reserved credentials and goes into distribution mode 30 seconds after power on.
blinks twice every five seconds
The Tracker is now connected to the wireless network, waiting to shake hands with the server.
blinks every ten seconds
At this point the tracker has successfully communicated with the server and is working.

For more help
Support
If you want to learn more about how to use your product, or if you're not sure about the features of your phone, read this guide carefully.
If this doesn't solve your problem, do one of the following:

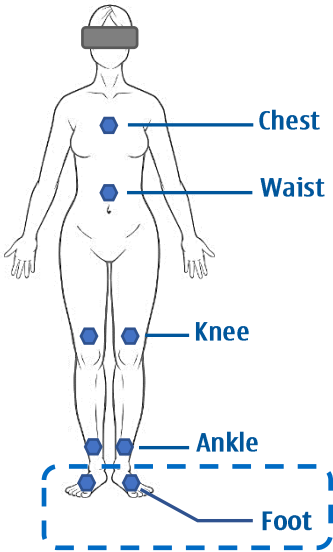- Reboot your tracker.
- Update the tracker firmware

If the problem is still unsolved, please consult with me about the relevant maintenance matters.
Basic usage
Limb binding
Binding position

Your Tracker is SteamVR compatible and built to its specifications. A tracking kit typically consists of six or eight individual trackers that track the chest, waist, thighs, and feet; the former does not include the feet. The binding locations for each tracker are as follows:
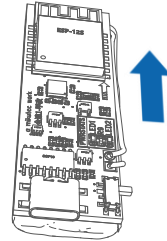

The section in the dotted box is the only tracking feature in the 8-piece suite.

Binding direction
Your Tracker is very sensitive to the initial posture because it uses inertia to track and approximates the bending angle of the limb by measuring the deflection angle of the current posture relative to the initial posture.
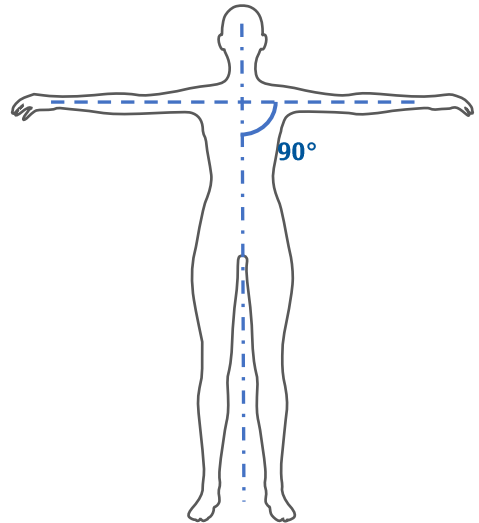You should fix it according to the following rules:

- The direction sign is up
- Keep the front of the tracker perpendicular to the ground

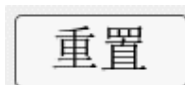- Make sure the tracker dashboard is facing the same way as the server settings

Recalibrating
Normally, trackers become imprecise after a period of continuous movement. At this point, you need to recalibrate. Pose as shown below:

Click the "reset" button on the server screen

Wait three seconds, and when the server has finished counting down it

can resume its activity.

Connecting function

Wireless connection

About WLAN

Your device supports the following WLAN standards:

- IEEE 802.11b/g standard
- 2.4GHz
- WEP , WPA and WPA2 encryption

Wired Connection

USB cable

Your Tracker supports USB VCP serial connection.

If you are sure that you want to perform a refresh operation or view the serial output, please visit http: www.wch/downloads/ch341ser_exe. HTML to download and install the WCH VCP driver to enable this function

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