HaptiFit™ TERRΛ
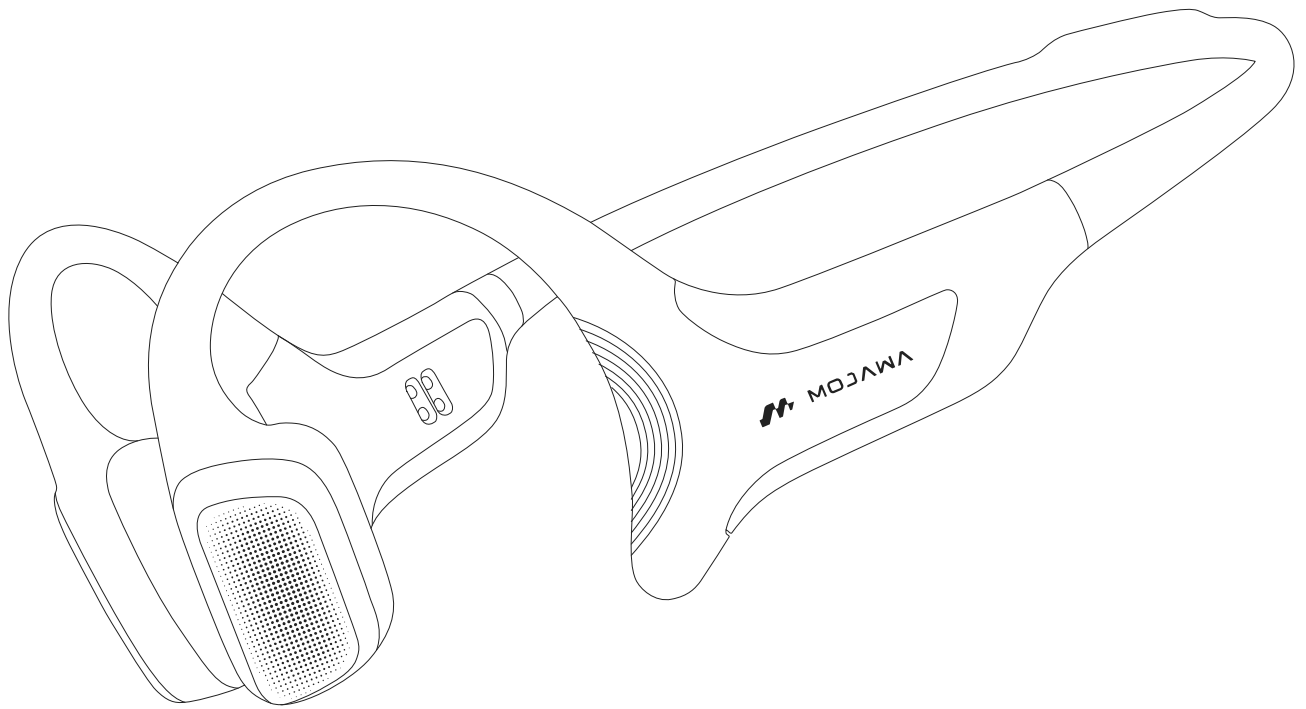## Product Manual

Model: M3101

MOJΛWΛ™

Power On

The device automatically powers on when you put it on, with the indicator light turning on to show it's active. Once on, it will either play a pairing sound (double chime) or a reconnection sound (ascending chime) as it attempts to reconnect to a previously paired device.

Indicator light turns on

Automatic power-on upon wearing

* While using the product, ensure that the inner surface of the right side of the product's headband is in contact with your skin. Obstructions, such as excessive hair or other objects, might interfere with the auto power-on function.

Power Off

To power off the device, remove the product, then press and hold the button for 3 seconds until the indicator light turns off.

Indicator light turns off

Press and hold for 3 seconds

* After removing the device to power off, ensure that the inner wear detection sensor on the right side is not obstructed or pressed to prevent unintentional commands.
* If the device is not worn for over 3 minutes, it will power off automatically. Putting the device back on will automatically power on and reconnect to the last paired device.
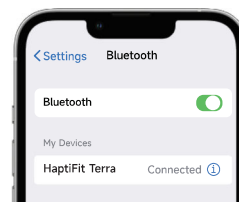
Pairing

Indicator light flashes

1

The first time you power on the device, it will automatically enter pairing mode.
If device has already been paired before, turn on the device while wearing it. Then, remove the device and press and hold the button for 5 seconds. The indicator light will flash repeatedly, accompanied by a pairing sound (double chime).

2

Go to Bluetooth settings on your device.

3

Select "HaptiFit Terra" from the list of devices.

* The product will automatically power off if it remains unpaired for more than 3 minutes.
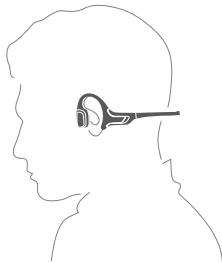
Connecting

Once the product has been paired, powering it on will trigger automatic reconnection to the last paired device. The reconnection process will be accompanied by an ascending tone, and successful reconnection will be signalled by a 'Dong' chime. Alternatively, you can manually connect by selecting "HaptiFit Terra" from the list of devices in your device's Bluetooth settings.

* If the product fail to reconnect after three minutes of attempts, it will automatically shut down.
* A descending chime will alert you if Bluetooth is turned off on your mobile device or if the pairing has been disconnected. This chime signifies that Bluetooth is no longer connected, and the product will switch to pairing mode.
* The product is designed with an automatic shut-off feature if it is not worn for over three minutes. When you put the product back on, it will automatically turn on and attempt to reconnect with the last paired device.
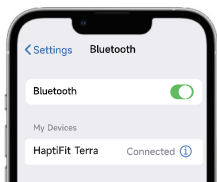

Automatic power-on upon wearing   Manual device selection
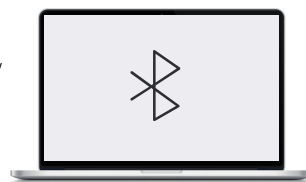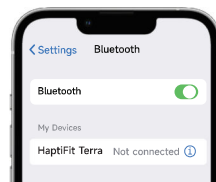
* HaptiFit Terra allows simultaneous connection to two devices.

1. Pair and connect the product with the first device.
2. Disconnect the first device after pairing by turning off Bluetooth on your mobile / laptop to enter pairing mode automatically.
3. Proceed to pair the product with the second device. This process allows the product to maintain connection records of multiple devices.
4. Reconnect the first device by turning on Bluetooth on your mobile / laptop to establish connections with both devices simultaneously.
* Incoming calls on either device will pause the current music playback. After hanging up, playback will automatically resume, or you can resume playback by a single press on the HaptiPad.
* If one device is playing audio, playback from another device will interrupt the current audio playback, playing the most recent audio.

First device is connected   Second device (mobile phone/computer)
Select HaptiFit Terra to connect

Operation & Controls

X1

▷II Play & Pause

📞 Answer or end a call

Single-press the HaptiPad

X2

▷I Next song

↪ Decline or hold a call

Double-press the HaptiPad

X3

I◁ Previous song

Tripple-press the HaptiPad

X2

R Right Tap Control Panel

📶⚡ Activate/Deactivate voice assistant

♪≡ Switch local playback sequence / Switch training activity

📢 Announce training stats

X3

R Right Tap Control Panel

🏃 Start/finish training

Consecutive taps

* All HaptiPad and Tap Control functions are accessible while the product is worn. These functions may not respond when the product is removed.
* The HaptiPad is pressure-sensitive, providing tactile feedback when pressed.
* Audio playback resumes automatically when the product is worn and automatically pauses when removed.
* Calls will automatically transfer to the mobile device when the product is removed and revert to the product when worn again.
* To manage multiple calls, double-press the HaptiPad to hold the current call and answer the incoming call.
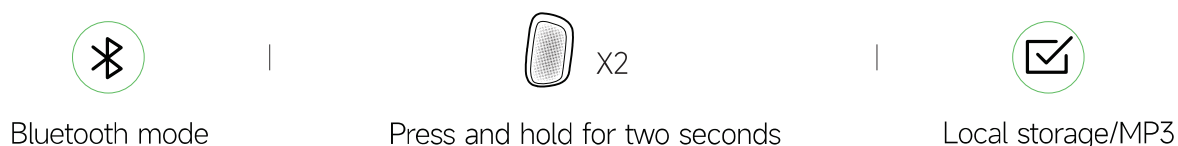* Tap using your fingertips on the Right Tap Control Panel. Training activity can only be selected before the training starts. Once training begins, tap the Right Tap Control Panel to get the training stats announcements. Outside of training mode, tapping adjusts the playback sequence.

01

When you turn on the device, it will default to Bluetooth mode. To switch to local storage playback mode, double-press and hold the button until the "MP3 mode" prompt is heard, then release the button. To return to Bluetooth mode, double-press and hold the button until the "Bluetooth mode" prompt is heard, then release the button.
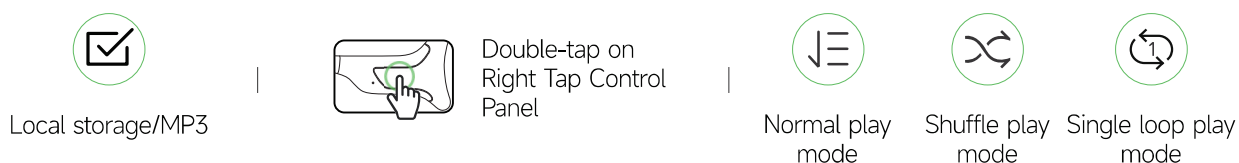
* Please note that Bluetooth connectivity is not available underwater. For swimming sessions, please use the local storage playback option by following the steps above.
* When you are not swimming, feel free to choose between Bluetooth mode and local storage mode based on your preference.

| Bluetooth mode | | Press and hold for two seconds | | Local storage/MP3 |

02

In local storage playback mode, perform a double-tap on the Right Tap Control Panel to cycle through various playback sequences: normal play mode, shuffle play mode, and single-loop play mode.

Local storage/MP3 | Double-tap on Right Tap Control Panel | Normal play mode   Shuffle play mode   Single loop play mode

* Adjusting playback sequences might not be available during training. Please switch playback sequences outside of training mode; the changes will be automatically be saved after switching.

Volume Controls

Increase the Volume

Press and hold the button firmly for an extended duration until you hear an ascending chime, signalling that the volume is gradually increasing. Release the button once you reach the optimal volume for your needs. A chime will sound when you've reached the maximum volume.

——— Firm press and hold

Decrease the Volume

Press and hold the button lightly for an extended duration until you hear a descending tone, signalling that the volume is gradually decreasing. Release the button once you reach the optimal volume for your needs. A chime will sound when you've reached the minimum volume.

——— Light press and hold

* The HaptiPad is pressure-sensitive, where a press with haptic feedback constitutes a light press. For a firm press, apply roughly twice as much pressure in each press.
* Make sure you adjust the volume while wearing the product since volume adjustment and other operations are unavailable when the product is removed.
* For noisy environments such as airplanes or trains, you can enhance the bone conduction audio experience by using earplugs with the product to block out external noise.

Charging and battery life

Charging

Please use the magnetic charging cable provided with the product for charging.
The indicator light blinks during charging. When the battery is low, the indicator light will blink quickly. When the battery is high, the indicator light will blink slowly. Once fully charged, the indicator light will stay illuminated.
Under room temperature, the product takes approximately 1 hour to reach a full charge. However, lower temperatures or other conditions may prolong the charging time. Actual charging duration may vary based on usage conditions.

Battery

Battery capacity: 200mAh

Battery Type: Lithium-ion Battery

Charging Specifications: 5V⎓1A

Battery Life

Under room temperature, usage at 75% volume provides approximately 8 hours of playback, while usage at 100% volume provides approximately 4 hours.
Factors such as high or low temperatures, continuous activation of motion monitoring features, extended use of indicator lights, specific test music, varying sound modes for different scenes, and battery degradation may lead to reduced battery life. Actual usage duration may vary based on individual usage scenarios.

File transfer and Mojawa app

File Transfer

Use the magnetic charging cable to connect the product to a computer or smartphone. The product will appear on the computer as a mobile storage device named "HAPTIFIT TERRA".
Avoid forcibly interrupting the process to prevent potential damage to the product during file transfer from a computer or smartphone. HaptiFit Terra supports 6 file formats: MP3, WAV, AAC, FLAC, M4A, APE, with a maximum of 48k*16-bit resolution. If your files are not in these formats, use transcoding software to convert them to MP3 format before transferring them to the mobile storage device.
* The built-in storage capacity is 32GB. Discrepancies in storage calculation methods between operating systems may result in displayed space on computers or smartphones being lower than 32GB.

Mojawa App

Scan the QR code provided to download the Mojawa app. This app enables configuration of sound modes, lighting settings, access to status information, activity tracking, function toggles, and facilitates firmware updates. Firmware updates cannot be executed when the battery is below 20%. Please ensure the product is charged and connected to the app before updating firmware.

IOS users can scan the QR code or search for "MOJAWA" in the App Store to download the app. Android users can download it by scanning the QR code or find it on the Google Play Store.

Available on the
App Store

Get it on
Google play

When used with the mobile app, HaptiFit Terra features heart rate and activity monitoring, AI Sports Trainer, and haptic feedback.

Heart Rate Monitoring

Once connected, the Mojawa app allows users to input basic information like height, weight, gender, and age through a setup guide. HaptiFit Terra will continuously monitors changes in heart rate during exercise, leveraging this data to compute a personalized heart rate range derived from your workout history. Via the app, users can set specific heart rate alert values. During intense workouts where a high heart rate is detected, the app triggers a tactile heartbeat reminder, advising the user to consider reducing the workout intensity.

Activity Monitoring

HaptiFit Terra supports monitoring outdoor running, non-open water swimming, outdoor cycling, and records and analyses workout metrics to provide training recommendations.
Outdoor Running Metrics: Cadence, stride length, run distance, pace, duration, calories burned, etc.
Non-open Water Swimming Metrics: Distance, laps, duration, calories burned, etc.
Outdoor Cycling Metrics: Cycling distance, duration, calories burned, etc.
* Mojawa app requires permissions for Bluetooth, location, network, etc. during the initial setup.
* Input your swimming pool's length on the mobile app before your first swim; subsequent swims will default to the previously set length.
* Outdoor running and non-open water swimming can be recorded using HaptiFit Terra without the need of a phone.
In Bluetooth or MP3 mode, triple-tap the Right Tap Control Panel on the product to enter workout selection mode; double-tap to switch between running and swimming. The product will automatically start recording workout data after a few seconds.
* Double-tapping during training will announce the real-time training stats. Completed workout records will be displayed after syncing with the app.
* Outdoor cycling requires the app. Start the recording in the app and ensure the app runs in the background to collect GPS data and record comprehensive cycling information.

AI Sports Trainer and haptic training feedback

AI Sports Trainer

HaptiFit Terra can analyse user training records and performance. The Mojawa app generates personalized training plans based on the analysis of training performance and goals.

Haptic Training Feedback

The app allows users to set a target running cadence, and HaptiFit Terra will consistently provide haptic cues for cadence to assist in maintaining a steady running rhythm.
During intense workouts where a high heart rate is detected, the app triggers a haptic heartbeat reminder, advising the user to consider reducing the workout intensity.

Storage and Maintenance

The device should be stored in a cool, dry place. The operational environment temperature for the device should range between 0°C and 45°C, while the charging environment temperature should be between 0°C and 40°C. Prolonged exposure to excessively cold, hot, or humid environments may reduce the battery's lifespan.

The device is rated IP68 for swimming-grade waterproof. However, it is advisable to prevent contact with corrosive substances like soap, shampoo, conditioner, lotion, perfume, etc. After swimming or water sports, promptly rinse the device with clean water. Avoid exposing the device to high-speed water flow, steam, or impact from falls. Waterproof performance may diminish over time.

It's recommended to charge the battery at least once every six months; prolonged periods without charging can diminish battery capacity and lifespan. When not in use for an extended time, recharge before use.
Ensure the charging port is dry before charging to reduce the risk of damage to the device and charging cable.

Safety and Certification

Safety and Certification

Only use accessories/parts specified by the manufacturer, MOJAWA.
- To prevent accidental swallowing, store the device away from children and pets. The device contains a lithium battery that can be hazardous if swallowed. Seek immediate medical attention if swallowed. Keep the device away from children and pets when not in use.
- Avoid using the device at high volumes for extended periods. Listening at excessive volumes may damage your hearing and distort sounds. Use the device at comfortable and moderate volume levels to prevent hearing impairment. Gradually adjust the volume from low to a comfortable listening level after wearing the device.
- Exercise caution when using the device for calls while driving and comply with applicable laws regarding mobile phone and device use. Some jurisdictions have specific regulations regarding the use of such products while driving; refrain from using the device for other purposes while driving.
- When using the device during activities that require concentration, such as cycling or walking on roads, construction sites, railways, etc., prioritize your safety and that of others and adhere to relevant laws regarding device use.
- This product contains small parts and may pose a choking hazard. Not suitable for children under 3 years old.
- The product contains magnetic materials. Consult a doctor regarding potential interference with implanted medical devices.
- Unauthorized modification of this product is prohibited.
- Only use this product under conditions approved by relevant authorities and compliant with local regulatory requirements for power sources (such as UL, CSA, VDE, CCC).
- Avoid exposing products with batteries to excessive heat (e.g., direct sunlight, proximity to heat sources, etc.).
- Refrain from using the device in high-temperature or greasy environments to prevent combustion.
- Do not charge the device in lightning-prone environments.
- Avoid exposing the device to fire to prevent battery explosions.

Frequency Range	Max.Transmit Power
2402-2480MHz	< 10 dBm（EIRP）

CE 🚯 ♻ (BC) (10) UKCA FC (UL) | Energy Verified 🔵 Bluetooth® CAN ICES-003 (B)/NMB-003(B) ◬ KC ⊜R 217-231198

FCC ID

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.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

IC ID

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).
Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
CAN ICES-003 (B)/NMB-003(B)
Radiation Exposure Statement: The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual.
Déclaration d'exposition aux radiations: Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôle.

NB

Hereby, MOJAWA declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
You can find the Declaration of Conformity on https://www.mojawa.com

CB/CE

CAUTION
To avoid replacement of a battery with an incorrect type.
Don't disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a Battery.
Don't leaving a battery in an extremely high temperature surrounding environment.
To avoid battery subjected to extremely low air pressure.
To prevent possible hearing damage, do not listen at high volume levels for long periods.
The symbol indicates DC voltage.
RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

Statement and Contact Us

Statement

Warranty terms can be found through Mojawa official website https://www.mojawa.com or by contacting the product seller. Product specifications, designs, and the content of this manual are subject to change without prior notice.
For the latest information about MOJAWA, please visit the official website: https://www.mojawa.com

Contact Us

Email: aftersale@mojawa.com
Website: https://www.mojawa.com
Manufacturer: Mojawa Intelligent Electronics Co., Ltd.
Address: Room F1-A-1028, Building A2, No. 8 Qicun Road, Suzhou, China.

MOJAWA™