AirMotion Pro

WIRELESS MIDI BREATH AND MOTION CONTROLLER

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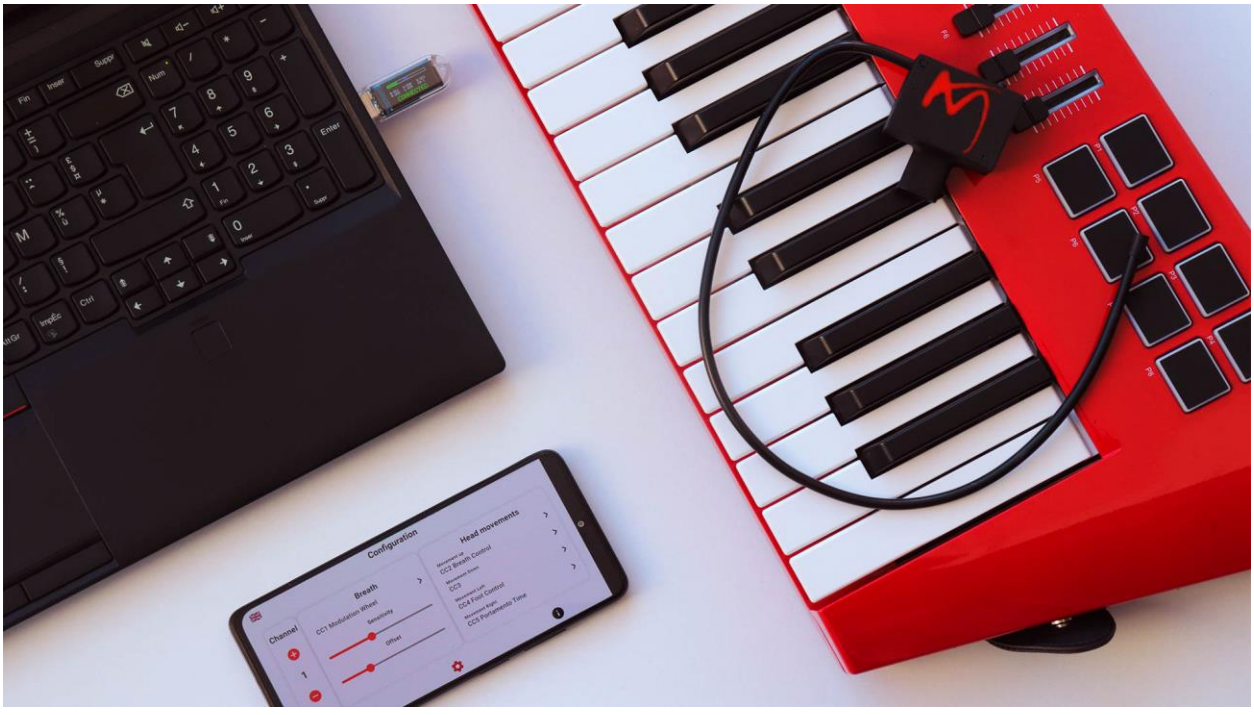

USER GUIDE

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Introduction

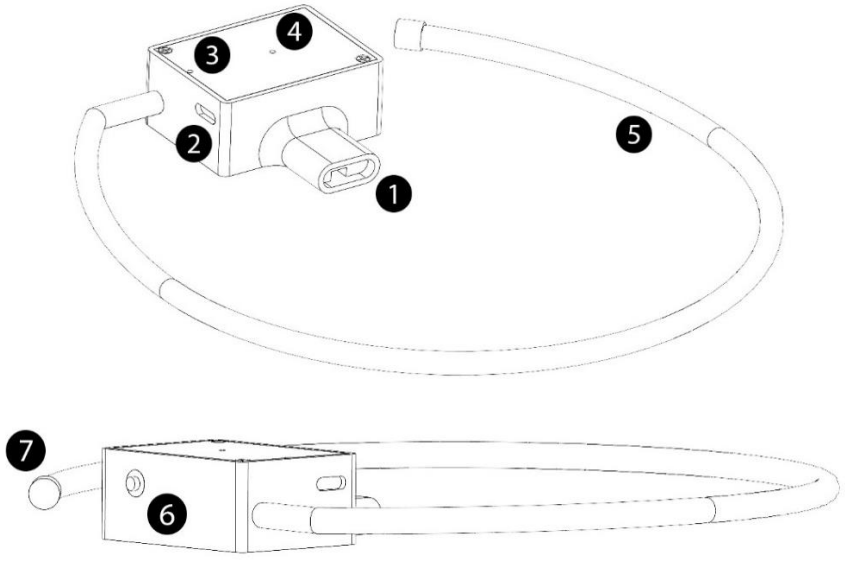
Thank you for choosing the AirMotion Pro, a revolutionary wireless BLE MIDI Breath and Motion Controller that empowers you to express yourself musically in a whole new way. This user manual will guide you through the setup, usage, and customization of this innovative device, so let's get started!

1. Getting Started

1.1. Package Contents

- AirMotion Pro
- Mouthpiece
- USB Dongle
- User Manual
- Warranty
- EVA case

1.2. Overview



1) Mouthpiece
2) USB C Charging Port
3) Charging LED indicator
4) Pairing LED indicator
5) Neck-set
6) ON/OFF Power Push Button
7) End Cap

1.3. System Requirements

- iOS or Android device (for app)
- Compatible instrument or computer with a USB port

1.4. Charging the AirMotion Pro

- Connect the charging cable to the AirMotion Pro.
- Plug the other end of the cable into a USB power source.
- The LED indicator will turn blue while charging and turn off when fully charged.

2. Connecting to Your Instrument or Computer

2.1. If connecting to an instrument:

Ensure your instrument is compatible with MIDI over USB else use a MIDI to USB adapter and connect it between the USB dongle and your instrument.

2.2. If connecting to a computer:

Your computer will automatically detect the AirMotion Pro as a MIDI device. No additional drivers are typically required.

3. Pairing with the USB Dongle

- Insert the USB dongle into a USB port on your instrument or computer.
- The screen on the USB dongle will initiate a scanning process.
- Power on the AirMotion Pro.
- The LED indicator on the AirMotion Pro will flash green rapidly, indicating pairing mode.
- The USB dongle screen will display a message "Connected" in green once the pairing is successful.
- Once pairing is successful, the LED indicator on the AirMotion Pro will turn off.

4. Customizing CC Commands with the App

- Download and install the AirMotion app from the App Store or Google Play.
- Activate the Location and Bluetooth in your smartphone or tablet.
- Launch the app and grant permission “while using the app” to the location service and nearby service when asked.

- Connect to your AirMotion.
- Navigate to the "Settings" section.
- Assign specific MIDI CC commands to breath and motion gestures.
- Adjust “Sensitivity” and “Offset” parameters for the breath sensor to suit your preferences.

Note: The app is only needed for changing Control Change (CC) commands; AirMotion functions with the dongle independently once set up.

5. Configuring your DAW and VI

Note: The following instructions are specifically tailored for musicians who utilize AirMotion with Digital Audio Workstations (DAWs). If you do not fall into this user category, please skip to the next paragraph for instructions relevant to your usage.

5.1. Setting up AirMotion in your DAW

- In your DAW settings, choose "AirMotion" as the MIDI input device.
- Ensure the MIDI input of the track you're playing is set to either "MIDI omni" or the same channel configured in the AirMotion app.

5.2. Setting up your Virtual Instrument (VI)

Like any other MIDI controller, AirMotion must send MIDI CC messages that align with the CC values recognized by the VI you wish to manipulate. If, for instance, your instrument doesn't respond to CC1 (Modulation Wheel), you'll need to configure AirMotion to transmit a different CC. To achieve this, review the MIDI CC commands compatible with your VI and make the necessary adjustments within the app.

Alternatively, you can adapt the controls of your VI to match AirMotion settings. Many virtual instruments feature a MIDI learn function for their controls, enabling you to activate it and then perform actions such as blowing or moving your head to have the VI associate the CC values with the selected parameters.

6. Using the AirMotion Pro

6.1. Breath Control

- Generate MIDI data by blowing into the mouthpiece.
- Fine-tune breath sensitivity using the app.

Note: If you are not familiar with breath controllers, this may require some time to master; consider dedicating time for training and practice.

6.2. Motion Control

- Tilt and roll the AirMotion Pro to control various MIDI parameters.
- Assign specific MIDI CC commands to motion gestures in the app.

7. Specifications

- Dimensions: 47x35x20 mm
- Weight: 100 grams
- Materials used in construction: PLA
- Usage time: Up to 6 hours when fully charged
- Battery charging time: 2 hours
- Connectivity technology: BLE 5.0
- LED indicator meanings:
  - Blue LED: Turn on while charging and turn off when fully charged.
  - Green LED: Flash when ready to pair and turn off when paired.
- Button functions:
  - Power button on the AirMotion: Turns the device on/off.
  - Mode button on the dongle: This button can disable or enable motion control, while breath control remains active at all times.
- LCD display: A 0.96” full color screen that displays essential information, including the current battery status and the configured MIDI CC set for transmission.

8. Warranty and Support

AirMotion is subjected to extensive quality control and testing. The use of high-quality components allows us to offer a **one-year limited warranty**.

Your receipt serves as proof of warranty. In the event of a product defect, please contact the support department via our website https://www.papritech.com/contact/

Papritech accepts no liability for any damage resulting from human error, failure to comply with these operating instructions or improper connection of components.

In this case, replacement or repair can only be carried out at the owner's expense. The warranty expires if the device has been handled by a third party.