AEROBAND ABD-PD2PLUS

AeroBand PocketDrum 2 Plus Electric Air Drum Set User Manual

MODEL: ABD-PD2PLUS

Brand: AEROBAND

1. Introduction

The AeroBand PocketDrum 2 Plus is a compact and portable electric air drum set designed for drummers of all levels, from beginners to professionals. It offers a quiet and space-saving solution for drumming practice and music creation, featuring ultra-low latency and versatile connectivity options.

What's in the Box:

- 2 × Electric Air Drum Sticks
- 2 × Electric Drum Pedals
- 1 × Adapter
- 1 × 3.5mm AUX Cable
- 3 × USB A to Type C Cables (for charging)

Figure 1: All components included in the AeroBand PocketDrum 2 Plus package, featuring the drumsticks, pedals, adapter, and various cables.

2. Setup

Initial Setup:

1. Unpack all components from the box.
2. Ensure all devices (drumsticks, pedals, adapter) are fully charged before first use.
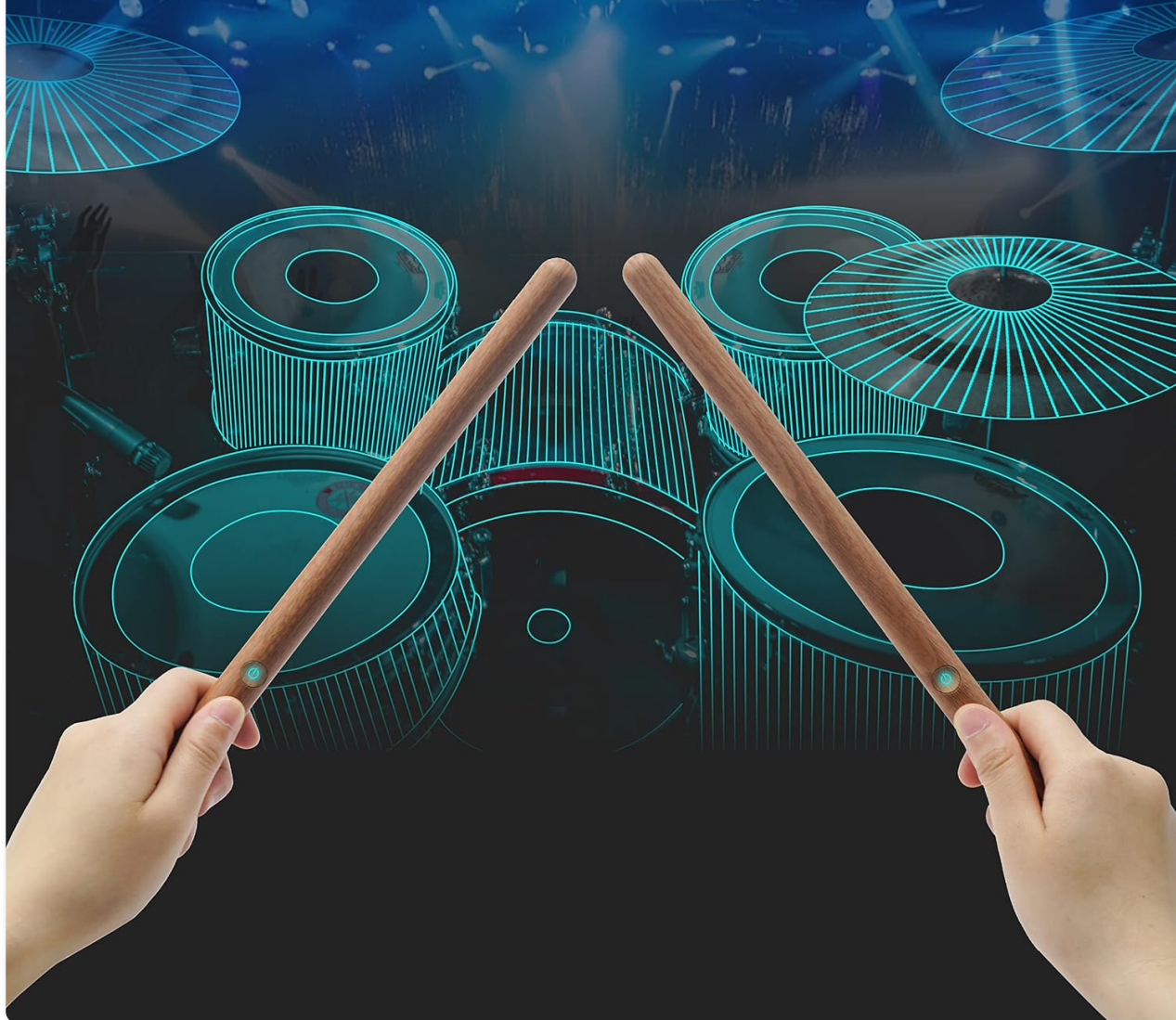
Figure 2: The AeroBand PocketDrum 2 Plus components laid out, ready for initial setup and charging.

Charging:

1. Connect the provided USB A to Type C cables to the charging ports on the drumsticks and adapter.
2. Connect the drum pedals to the adapter for charging.
3. Plug the USB A ends into a compatible USB power source (e.g., computer, wall adapter).
4. Charging indicators will show progress and turn off when fully charged.

Connect Via App & Devices

AeroBand APP

APP Interface

AeroBand

Speaker

Headphone

Amplifier

Smart Speaker

Adapter

Figure 3: Illustration of the charging process for the AeroBand PocketDrum 2 Plus components, showing cables connected to the drumsticks, pedals, and adapter.

3. Operating Instructions

Connection Methods:

The PocketDrum 2 Plus offers multiple ways to connect to your devices for a versatile drumming experience.

3.1. Connection Via AeroBand APP:

1. Turn on your phone's Bluetooth. For Android users, also enable the location function.
2. Open the AeroBand APP.
3. Power on the air drumsticks and pedals.
4. In the AeroBand APP, click the gray icons to connect the drumsticks and pedals via Bluetooth. The buttons will turn blue upon successful connection.

5. Click the 'Next' button in the app to enter the calibration phase.

Figure 4: Diagram illustrating the connection process of the PocketDrum 2 Plus to the AeroBand APP, showing Bluetooth and location activation steps.

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Video 1: Official tutorial on how to connect the PocketDrum to the AeroBand App, detailing the steps for both Android and iOS devices.

3.2. Connection Via Speaker:

1. Power on the adapter.
2. Connect the adapter's 'Line Out' port to a speaker or headphone AUX port using the 3.5mm AUX cable.
3. Power on the air drumsticks and pedals.
4. The drumsticks and pedals will automatically connect to the adapter via Bluetooth.
5. Proceed to calibration.

3.3. Connection Via Phone (for playing songs):

1. Turn on your phone's Bluetooth.
2. Power on the adapter and connect it into a speaker AUX port.
3. Connect your phone's Bluetooth to the adapter (PocketDrum Audio).
4. Power on the air drumsticks and pedals.
5. The drumsticks and pedals will connect to the adapter via Bluetooth.
6. Proceed to calibration and enjoy drumming along with songs on your phone.

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Video 2: Detailed guide on how to connect the PocketDrum 2 Plus to various devices, including speakers and phones, for different use cases.

3.4. MIDI Function:

The PocketDrum 2 Plus features MIDI functionality for music creation and performance.

1. Connect the adapter via its USB port to your laptop or other MIDI-compatible device.
2. Refer to your device's or DAW's user manual for specific MIDI setup instructions.

Calibration:

Accurate calibration is crucial for precise drum recognition. Recalibrate if you experience issues with drum hit locations.

1. Position the two drumstick tips at a 45-degree angle, with the drumsticks parallel to the ground.
2. Hold the power button on both drumsticks simultaneously, keeping your forearm and the back of your hand level.
3. Place the drumsticks in front of your abdomen, parallel to the ground.
4. Simultaneously long-press the power button on both drumsticks until the calibration is complete.

Drum Positions:

After calibration, confirm the drum positions based on the angle of the drumsticks. Avoid lifting drumstick heads too high when searching for positions below the drums.

Position	Description
1 (Snare)	Tap directly in front of you.
2 (High-Tom)	Lift both drumsticks up; use the left drumstick.
3 (Mid-Tom)	Lift both drumsticks up; use the right drumstick.
4 (Hi-Hat)	Move the left drumstick to the left.
5 (Crash Cymbal)	Shift the right drumstick to the right.
6 (Hi-Hat Pedal)	Tap with your left foot (closed Hi-Hat) or slightly lift toes (opened Hi-Hat). Simultaneously move left drumstick downwards for Hi-Hat sound.
7 (Floor Tom)	Position the right drumstick to the lower right.
8 (Bass Drum Pedal)	Tap with your right foot.

Figure 5: Visual guide to the recognized drum positions for the AeroBand PocketDrum 2 Plus, including snare, toms, cymbals, and pedal functions.

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Video 3: An overview of the AeroBand PocketDrum 2 PLUS features, demonstrating its portability, sound variety, and ease of use in various settings.

4. Troubleshooting

- **Bluetooth Connection Issues:** Always use Bluetooth within the AeroBand app, not your device's system settings. If using an Android device, ensure GPS is turned on. Keep your PocketDrum close to your device. If issues persist, exit and re-enter the AeroBand app.
- **Sensitivity/Normal Use in Low Battery:** Ensure all components are fully charged. Low battery conditions can affect sensitivity and normal operation.
- **Drumstick Orientation:** During use, keep your thumbs on the power button of the drumstick to ensure it remains facing upward.
- **Disorganized Drum Hits:** After confirming the position of each drum hit, do not expand the area for drumming to prevent locations from becoming disorganized. Recalibrate if needed.
- **Physical Handling:** Do not throw the drumstick into the air or rotate it with your fingers to avoid causing confusion in drum hits.

5. Specifications

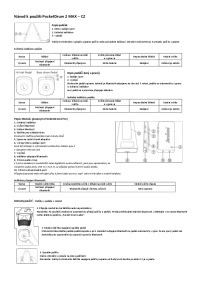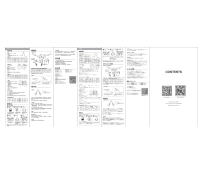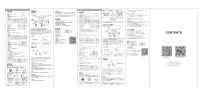| Feature	Detail
Model Name	PocketDrum 2 Plus

Feature	Detail
Item Model Number	ABD-PD2PLUS
Item Weight	0.16 Kilograms (5.6 ounces)
Product Dimensions	13.43 x 13.2 x 1.73 inches
Body Material	Wood (Drumsticks), Plastic (Pedals, Adapter)
Connector Type	USB, 3.5mm AUX
Batteries	2 Lithium Ion batteries required (included)
Latency	Less than 6ms (latest upgrade)
Sound Styles	8 different styles (e.g., ROCK, FUNK, JAZZ)

6. Warranty and Support

For warranty information, technical support, or any questions regarding your AeroBand PocketDrum 2 Plus, please refer to the official AeroBand website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official support channels are typically available through the manufacturer's website, email, or dedicated support hotlines.

Related Documents - ABD-PD2PLUS

	PocketDrum 2 MAX User Manual and Guide Comprehensive user manual for the PocketDrum 2 MAX, detailing setup, calibration, MIDI functions, and troubleshooting for the drum sticks, pedals, and module. Includes technical specifications and compliance information.
	Aeroband PocketDrum 2 MAX User Manual - Digital Drumsticks and Pedals This user manual provides comprehensive instructions for the Aeroband PocketDrum 2 MAX, covering setup, features, functions, troubleshooting, and technical specifications for this electronic drum kit.
	Aeroband PocketDrum 2 MAX User Manual Comprehensive user manual for the Aeroband PocketDrum 2 MAX, detailing setup, features, troubleshooting, and specifications for an immersive drumming experience.

AeroBand Guitar USER MANUAL *AEROBAND*	[AeroBand Guitar User Manual](#) Comprehensive user manual for the AeroBand Guitar, a smart digital MIDI guitar. Learn about its features, setup, operation, and troubleshooting.
AeroBand Guitar MIDI version USER MANUAL *AEROBAND* A NEW WAY TO BE A MUSICIAN	[AeroBand Guitar MIDI Version User Manual](#) User manual for the AeroBand Guitar MIDI version, detailing its features, operation, and troubleshooting.
AeroBand Guitar USER MANUAL *AEROBAND* A NEW WAY TO BE A MUSICIAN	[AeroBand Guitar User Manual: A New Way to Be a Musician](#) Comprehensive user manual for the AeroBand Guitar (Model AG01), detailing product features, setup, app integration, troubleshooting, and specifications. Learn how to connect via Bluetooth MIDI and Audio, change strings, and utilize various playing effects.