Vangoa MAE-02

Vangoa MAE-02 MIDI EWI Electronic Wind Instrument User Manual

MODEL: **MAE-02** | BRAND: VANGOA

1. Introduction

The Vangoa MAE-02 MIDI EWI Electronic Wind Instrument is a versatile digital wind instrument designed for musicians of all levels. It offers a wide range of tones and fingerings, along with various connectivity options for enhanced musical expression and practice.

Key features include 35 distinct tones, three selectable fingering modes, touch-sensitive buttons for responsive play, versatile connectivity via Bluetooth, USB, and a 3.5mm jack, and a long-lasting 1200mAh rechargeable battery providing up to 4 hours of playtime. The instrument also features a built-in 2W speaker for immediate sound output.

2. Product Overview

Familiarize yourself with the components of your Vangoa MAE-02 instrument.

Product Introduction
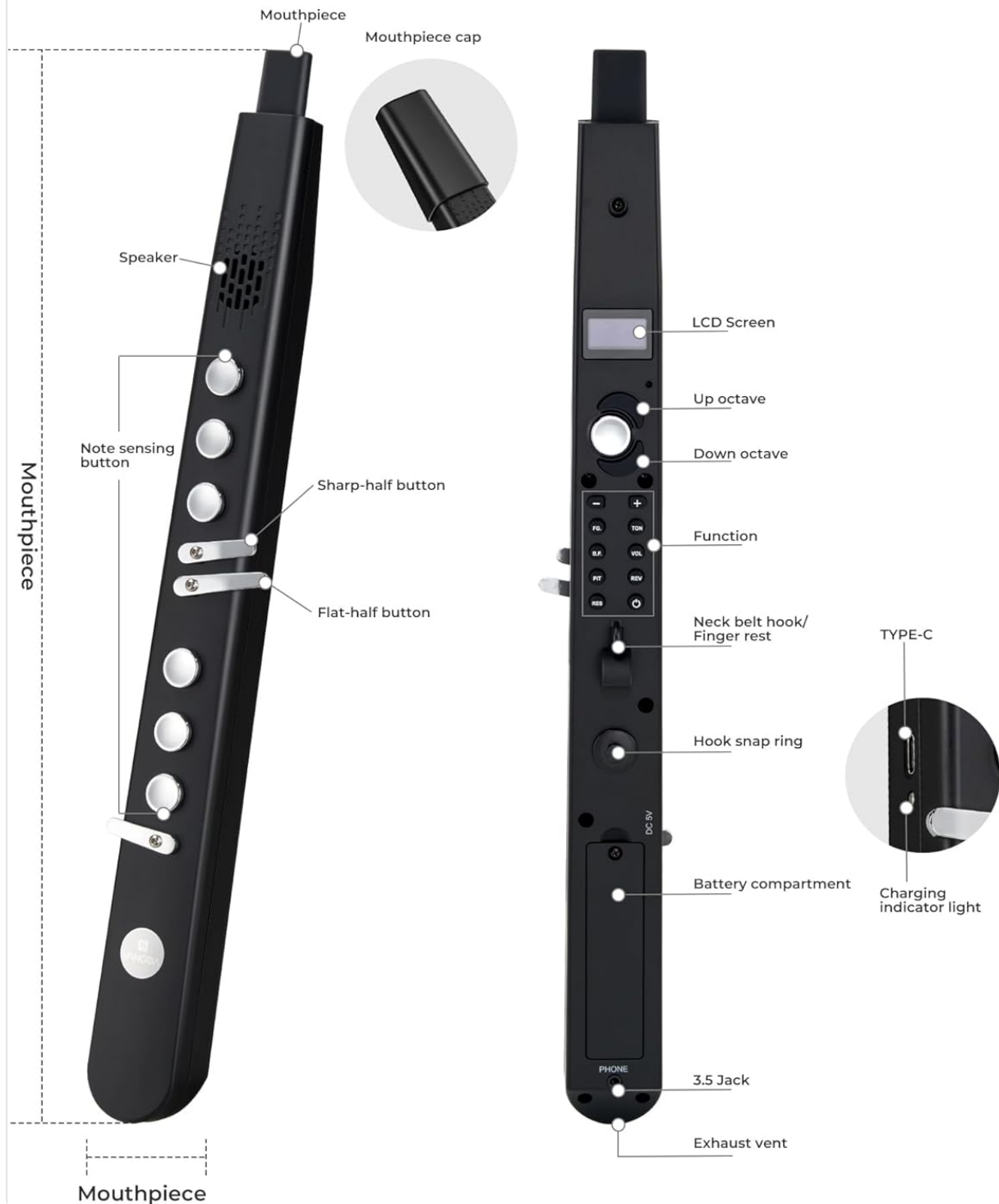
Figure 2.1: Labeled diagram of the Vangoa MAE-02 Digital Wind Instrument, highlighting the mouthpiece, speaker, note sensing buttons, sharp-half button, flat-half button, LCD screen, octave controls, function buttons, neck belt hook/finger rest, hook snap ring, Type-C port, charging indicator light, battery compartment, 3.5mm jack, and exhaust vent.

3. Setup

Follow these steps to set up your Vangoa MAE-02 instrument for first use.

1. **Unboxing:** Carefully remove all components from the packaging. Ensure you have the MAE-02 instrument, USB-C charging cable, two silicone mouthpieces, neck strap, and user manual.

Figure 3.1: The Vangoa MAE-02 Digital Wind Instrument shown with its included accessories: USB-C cable, two silicone mouthpieces, neck strap, and user manual.

2. **Mouthpiece Attachment:** Select one of the silicone mouthpieces and gently slide it onto the instrument's mouthpiece until it is securely in place.

3. **Charging:** Connect the USB-C charging cable to the instrument's Type-C port and the other end to a compatible USB power adapter (not included). The charging indicator light will illuminate. A full charge takes approximately 2 hours and provides up to 4 hours of playtime.
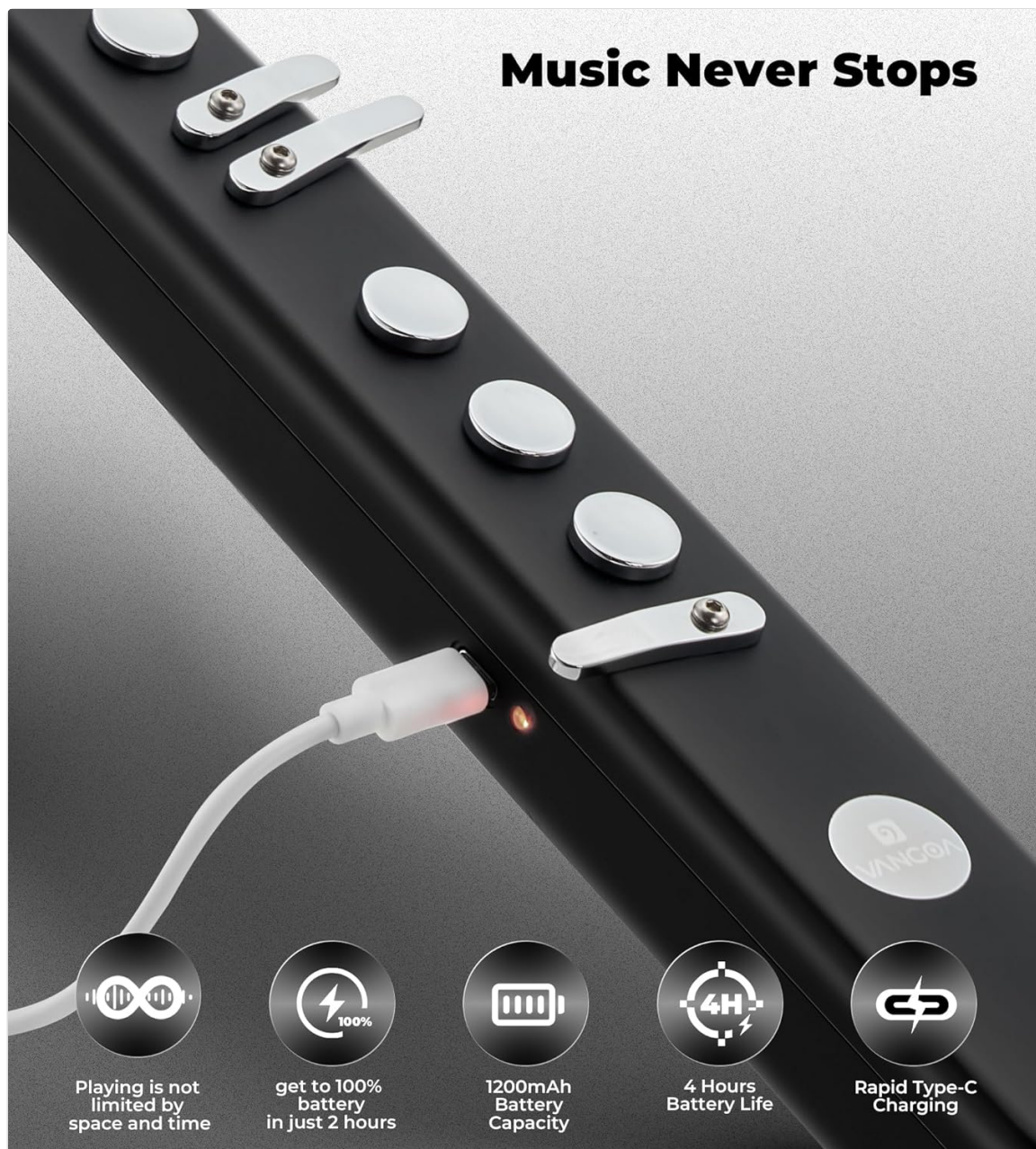
Figure 3.2: The Vangoa MAE-02 Digital Wind Instrument connected to a USB-C charging cable, illustrating the charging process and battery life.

4. **Neck Strap (Optional):** Attach the neck strap to the hook snap ring on the instrument for comfortable and secure playing.

Setup Video: What's in the box?

Video Description: This video provides a visual guide to unboxing the Vangoa MAE-02, showing all included accessories and how to prepare the instrument for use.

4. Operating Instructions

4.1 Power On/Off

Press and hold the power button (located on the back control panel) for a few seconds until the LCD screen illuminates to power on the instrument. Repeat the process to power off.

4.2 Fingerings

The MAE-02 offers three distinct fingering modes to accommodate various playing styles and instrument

emulations:

- **Hulusi Fingering:** Captures traditional ethnic tones, ideal for folk music.
- **Saxophone Fingering:** Mirrors saxophone sounds, suitable for jazz and modern genres.
- **Flute Fingering:** Produces clear tones, perfect for soft, melodious tunes.

Figure 4.1: Visual representation of the three available fingering charts: Cucurbit Flute Finger, Saxophone Finger, and Flute Finger.

4.3 Tones

The instrument provides access to 35 different tones, replicating various instruments from pianos and violins to bagpipes and synthesizers. Use the 'Tone' button and +/- controls on the back panel to select your desired tone.

Figure 4.2: An illustration of the 35 professional tones available on the Vangoa MAE-02, including Alto Saxophone, Clarinet, Bamboo Flute, Violin, and more.

Video: MIDI EWI with 35 Tones for Beginners Adults Teens Kids

Video Description: This video demonstrates the various tones and features of the MIDI EWI, showcasing its suitability for beginners and advanced players alike.

4.4 Controls and Functions

The instrument features touch-sensitive buttons and a control panel on the back for various functions:

- **Touch-Sensitive Buttons:** Enable gentle triggers for bends, pitch raises, or drops.
- **Octave Control:** Use the dedicated octave buttons to shift the playing range.
- **Volume (VOL):** Adjust the output volume from 0-100 levels (default 30).
- **Pitch (PIT):** Fine-tune the pitch up to 12.5 steps up or down.
- **Reverb (REV):** Adjust the reverb effect from 0-100 levels (default 30).
- **Blowing Force (B.F.):** Select from 3 levels (light, standard, heavy) to adjust sensitivity.

- **Reset (RES):** Restore factory settings.

Figure 4.3: The control panel of the Vangoa MAE-02, detailing the seven main functions: Tone, Blowing Force, Volume, Pitch, Reverb, Reset, and Fingering.

4.5 Connectivity Options

The MAE-02 offers multiple ways to connect to other devices:

- **Bluetooth (BT):** Connect wirelessly to mobile devices for backing tracks or app control. To activate Bluetooth, press and hold the 'FG' button.
- **USB-C:** Transmit MIDI data to a computer or other MIDI-compatible devices.
- **3.5mm Jack:** Connect headphones for private practice or external speakers for amplified performances.

Figure 4.4: An overview of the various connectivity options for the Vangoa MAE-02, including wireless Bluetooth, USB, and 3.5mm jack connections.

Video: How to connect the BT?

Video Description: This video provides a step-by-step guide on how to connect the Vangoa MAE-02 to other devices via Bluetooth.

Video: Using the digital wind instrument as a MIDI controller

Video Description: This video demonstrates how to use the Vangoa MAE-02 as a MIDI controller, showcasing its capabilities for digital music production.

4.6 Silent Practice

For private practice, connect headphones to the 3.5mm jack. This mutes the built-in speaker, allowing you to practice without disturbing others.

Figure 4.5: A user engaged in silent practice with the Vangoa MAE-02, wearing headphones connected to the instrument.

5. Maintenance

- **Cleaning:** Regularly wipe the instrument's body with a soft, dry cloth. For the silicone mouthpiece, remove it and wash with mild soap and water, then rinse thoroughly and allow to air dry before reattaching.
- **Storage:** Store the instrument in its protective case when not in use to prevent dust accumulation and accidental damage.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the instrument regularly, even if not in constant use.

6. Troubleshooting

- **No Sound Output:**
  - Check the volume level on the instrument.

- Ensure headphones are not plugged in if you intend to use the built-in speaker.
- Verify the instrument is powered on and charged.

- **Bluetooth Connectivity Issues:**

  - Ensure Bluetooth is enabled on both the MAE-02 (by holding the 'FG' button) and your mobile device.
  - Make sure the instrument is not already paired with another device.
  - Try restarting both the instrument and your mobile device.

- **Unresponsive Buttons/Incorrect Tones:**

  - Ensure fingers are making proper contact with the touch-sensitive buttons.
  - Perform a factory reset using the 'Reset' button on the back panel.

- **Excessive Moisture/Dripping:**

  - This is normal due to condensation from breath. Use the exhaust vent at the bottom of the instrument to drain moisture.
  - Regularly clean the mouthpiece and allow it to dry.
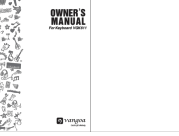
7. Specifications

Feature	Detail
Model Name	MAE-02
Item Model Number	C2000066
Brand	Vangoa
Item Weight	2.79 pounds
Package Dimensions	19.5 x 4 x 3 inches
Color	Black
Material Type	Metal, Synthetic
Body Material	Plastic
Connector Type	USB, 3.5mm Jack, Bluetooth
Power Source	Battery Powered
Battery Capacity	1200mAh
Battery Life	Up to 4 hours
Proficiency Level	Beginner

8. Warranty & Support

For warranty information or technical support, please refer to the contact details provided in your product packaging or visit the official Vangoa website. Keep your purchase receipt as proof of purchase.

Related Documents - MAE-02

	[VANGOA EWI-100 MIDI Saxophone User Manual | Electronic Wind Instrument Guide](#) Discover the VANGOA EWI-100 MIDI Saxophone, a compact electronic wind instrument and MIDI input device. This user manual provides detailed instructions on features, operation, MIDI connections, and playing techniques for the EWI-100.
	[Vangoa VGD881 Smart Keyboard User Manual - Digital Piano Guide](#) Comprehensive user manual for the Vangoa VGD881 Smart Keyboard, covering safety instructions, features, functions, connectivity (Bluetooth, MIDI), rhythm and demo lists, and maintenance. Optimize your digital piano experience.
	[Vangoa 61-Key Electronic Keyboard User Manual](#) Comprehensive user manual for the Vangoa 61-Key Electronic Keyboard, detailing its features, functions, controls, and troubleshooting. Includes lists of demos, tones, rhythms, and sound effects.
	[Vangoa VMP16 MIDI Pad Controller User Manual](#) Comprehensive user manual for the Vangoa VMP16 MIDI Pad Controller, detailing its features, connections, modes, and specifications.
	[Vangoa VMK25 Pro 25-Key MIDI Keyboard Controller User Manual](#) Comprehensive user manual for the Vangoa VMK25 Pro, a 25-key MIDI keyboard controller with 16 performance pads, detailing its features, setup, operation, specifications, and troubleshooting.
	[Vangoa VGK611 Lighted Teaching Electronic Keyboard Owner's Manual](#) Comprehensive owner's manual for the Vangoa VGK611 Lighted Teaching Electronic Keyboard, covering main functions, panel controls, power supply, operation modes, teaching features, and safety precautions. Ideal for beginners and musical education.