Roland AE-30

Roland AE-30 Aerophone Pro User Manual

Professional Digital Wind Instrument

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Roland AE-30 Aerophone Pro. Please read this manual thoroughly before using the instrument to ensure optimal performance and longevity.
The Roland AE-30 Aerophone Pro is a professional digital wind instrument designed to offer an expressive and playable experience for wind instrument players. It features a refined design, premium components, and advanced sound engines, providing a vast sonic palette.





Figure 1: Top-down view of the Roland AE-30 Aerophone Pro. This image highlights the sleek design and key layout of the instrument.

What's in the Box

Upon opening your Roland AE-30 Aerophone Pro package, please verify that all the following items are included:

- Roland AE-30 Aerophone Pro Instrument
- Soft Case
- Mouthpiece Cover

- Moisture Absorption Band
- Water Basin
- Thumb Hook Cover (2 types)
- USB Cable (Type C - Type A)
- AC Adaptor
- Owner's Manual (this document)



Figure 2: Illustration of the items included in the Roland AE-30 Aerophone Pro package. Ensure all components are present before proceeding with setup.

Setup

1. Powering the Instrument

The AE-30 can be powered using the included AC adaptor or six AA batteries (not included).

- **AC Adaptor:** Connect the AC adaptor to the DC IN jack on the instrument and then to a standard power outlet.
- **Batteries:** Open the battery compartment, insert six AA batteries, ensuring correct polarity. NiMH rechargeable batteries are recommended for extended play time (approximately six hours).

2. Attaching the Mouthpiece and Moisture Band

1. Gently attach the mouthpiece to the instrument.
2. Place the moisture absorption band around the mouthpiece to manage condensation during play.

3. Secure the mouthpiece cover when not in use to protect it.

3. Connecting Headphones or External Amplifier

For optimal sound quality and private practice, connect headphones to the 3.5mm stereo analog headphone jack. For performance or amplified sound, connect the 1/4" stereo analog output jack to an amplifier or mixer.



Figure 3: Rear view of the Aerophone Pro, illustrating the location of power input, USB, MIDI, and audio output jacks for connectivity.

Operating Instructions

1. Basic Playback

Turn on the instrument using the power button. The OLED display will illuminate, showing the current scene (preset) and

other settings.

Roland
Aerophone Pro

AEROPHONE SERIES COMPARISON



		AE-30 AEROPHONE PRO PROFESSIONAL / SEMI-PRO	AE-20 AEROPHONE SEMI-PRO	AE-05 AEROPHONE GO HOME / BEGINNER	AE-01 AEROPHONE MINI HOME / BEGINNER
SOUNDS	ENGINE	ZEN-CORE & SUPERNATURAL	ZEN-CORE & SUPERNATURAL	PCM	PCM
	NUMBER	305	300+	11	6
	EFFECTS	MULTI FX / CHORUS / DELAY / REVERB	MULTI FX / CHORUS / DELAY / REVERB	REVERB	REVERB
	PRESET MEMORY	318 TONES / 305 SCENES / 10 KITS	260+ TONES	11 TONES	6 TONES
	USER MEMORY	512 TONES / 600 SCENES	600 SCENES / 12 FAVOURITE	—	—
INT. SPEAKERS	SPEAKERS	2.8cm x 2	2.8cm x 2	2.8cm x 1	2.8cm x 1
	POWER OUTPUT	1.5w x 2	1.5w x 2	1.5w x 1	1.5w x 1
	HEADPHONES	YES (1/8" STEREO)	YES (1/4" STEREO)	YES (1/8" STEREO)	YES (1/8" STEREO)
USER INTERFACE	KEY LAYOUT	TRADITIONAL SAXOPHONE	TRADITIONAL SAXOPHONE	TRADITIONAL SAXOPHONE	RECORDER TYPE
	USER PROGRAMMABLE FINGERING	YES	YES	YES (WITH APP)	YES (WITH APP)
	KEY RANGE (USING OCTAVE KEYS)	104 NOTES	80 NOTES	56 NOTES	40 NOTES
CONTROLLERS	BREATH SENSOR	YES	YES	YES	YES
	BITE SENSOR	YES	YES	YES	NO
	THUMB CONTROLLER	THUMB LEVER & PAD (MULTI FUNCTION)	THUMB LEVER	BUTTON (ONE FUNCTION)	BUTTON (ONE FUNCTION)
CONNECTORS	INPUT	STEREO MINIATURE	STEREO MINIATURE	—	—
	PHONES / OUTPUT	STEREO 1/4"	1/4"	1/8"	1/8"
	USB MIDI	YES	YES	YES	POWER ONLY
	BLUETOOTH MIDI	YES	YES	YES	YES
	BLUETOOTH AUDIO	YES	YES	YES	YES
DESIGN	DISPLAY	OLED 128 X 38	OLED 128 x 32	—	—
	COLOUR	BLACK MICA & BRUSHED METAL	MATTE BLACK OR PEARL WHITE	GRAPHITE	BLUE / SILVER
	CARRY CASE	INCLUDED	INCLUDED	INCLUDED	NO
APPS	EDITOR	YES	YES	NO	NO
	AEROPHONE GO PLUS	NO	NO	YES	NO
	AEROPHONE GO ENSEMBLE	NO	NO	YES	NO
	AEROPHONE MINI PLUS	NO	NO	NO	YES

Figure 4: Close-up of the OLED display and control knobs on the Aerophone Pro. This shows how to navigate scenes and settings.

The AE-30 features traditional saxophone fingering, along with recorder, flute, clarinet, and trumpet modes. You can select your preferred fingering mode through the instrument's menu or the Aerophone Editor app.



Figure 5: A user's hands demonstrating the fingering on the Roland AE-30 Aerophone Pro. The key layout is designed for familiarity with traditional wind instruments.

2. Sound Selection (Scenes)

The instrument organizes sounds into "scenes," which are complete presets including tones and effects. There are over 100 built-in scenes, with categories such as woodwinds, strings, brass, and synthesizers.

- Use the **Scene Category** knob to browse different sound categories.
- Use the **Scene Select** knob to choose a specific scene within the category.

3. Expressive Controls

The AE-30 offers various controls for expressive playing:

- **Breath Sensor:** Responds to breath pressure for dynamic control.
- **Bite Sensor:** Allows for pitch bending and vibrato by biting the mouthpiece.
- **Octave Keys:** Dedicated keys for shifting octaves up or down.

- **Pitch Bend Rocker Switch:** Provides additional pitch bending control.
- **Thumb Pad:** Customizable function, often used for effects or drone control.
- **Effect Toggle Buttons:** Two buttons with scene-dependent functions for adding effects.

4. Connectivity

The AE-30 supports multiple connectivity options:

- **Bluetooth:** Connects to the Aerophone Editor app for sound management and customization. Also supports Bluetooth MIDI for controlling DAWs. The instrument can function as a Bluetooth speaker to play along with music from another device.
- **USB-C Port:** Supports MIDI (in/out) and digital audio (in/out) for connection to computers and DAWs.
- **Traditional MIDI Ports (DIN):** For connecting to external MIDI devices.

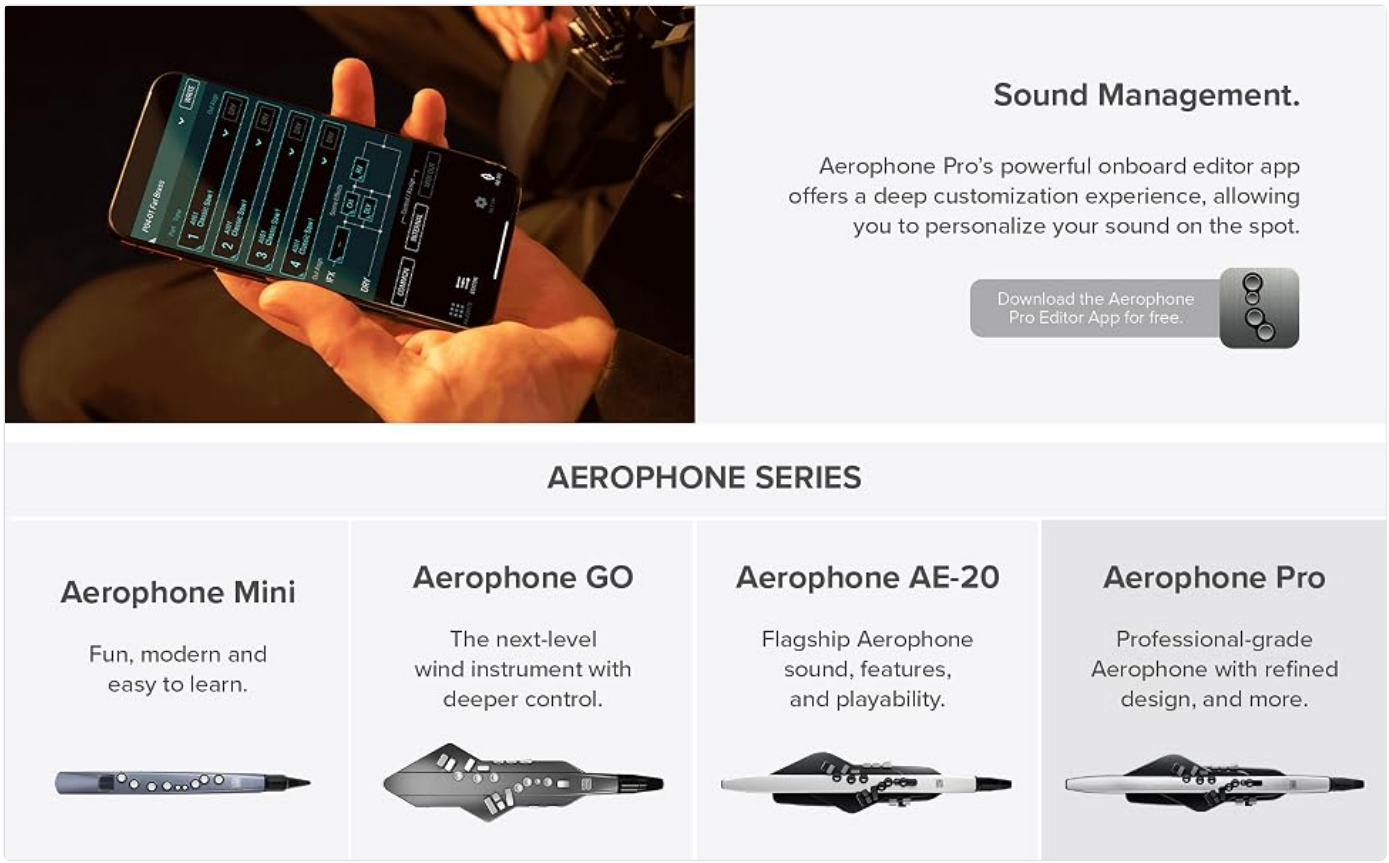


Figure 6: The Aerophone Pro Editor app interface on a smartphone, demonstrating sound management and customization capabilities via Bluetooth.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your Aerophone Pro.

1. Cleaning

- **Exterior:** Wipe the instrument's body with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Mouthpiece:** Regularly clean the mouthpiece with a mild soap and water solution. Ensure it is completely dry before reattaching.

- **Water Basin:** Empty and clean the water basin after each use to prevent moisture buildup and potential damage to internal components.

2. Storage

- Always store the instrument in its soft case when not in use to protect it from dust and physical damage.
- Store with the mouthpiece facing upwards to prevent any residual moisture from draining onto the keys.
- Avoid storing in extreme temperatures or high humidity.

3. Battery Care

If using batteries, remove them if the instrument will not be used for an extended period to prevent leakage.

Troubleshooting

This section addresses common issues you might encounter with your Roland AE-30 Aerophone Pro.

Problem	Possible Cause	Solution
No sound from instrument.	Power is off. Volume is too low. Headphones/amplifier not connected or faulty. Incorrect scene selected.	Ensure instrument is powered on. Increase master volume. Check connections and test with different headphones/amplifier. Select an active scene.
Keys make clicking noises.	Normal operation for the key mechanism.	This is a characteristic of the instrument's design and not a malfunction.
Bluetooth connection issues.	Device out of range. Bluetooth not enabled on device or Aerophone. Interference.	Ensure devices are within close proximity. Verify Bluetooth is active on both devices. Move away from other wireless devices.
Distortion at beginning of soft breath.	Sensitivity settings may be too high for very soft playing.	Adjust breath and bite sensor sensitivity settings in the instrument's menu or via the Aerophone Editor app.

Specifications

Feature	Detail
Model Number	AE-30
Dimensions (L x W x H)	27-1/16 x 5-1/4 x 3-5/16 inches (687 x 133 x 84 mm)

Feature	Detail
Weight	2 lb 9 oz (1.14 kg)
Body Material	Brass (internal components), Plastic (exterior)
Color	Grey, Black
Connector Types	USB (Type C), MIDI (DIN), Bluetooth
Instrument Key	A
Battery Type	AA (Alkaline or NiMH recommended)
Sounds	Over 300 acoustic and electronic sounds
Display	OLED

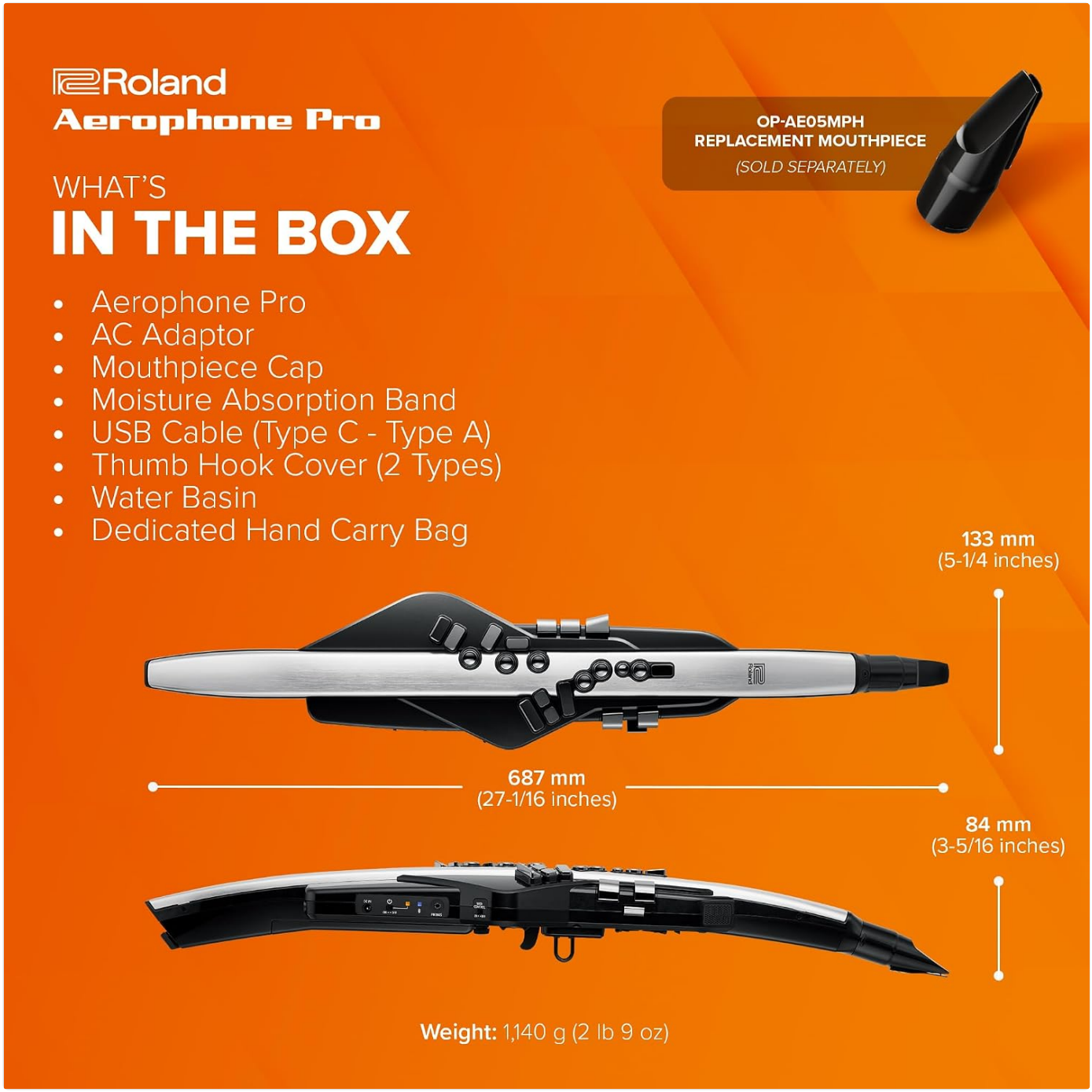


Figure 7: A detailed comparison table outlining features across the Roland Aerophone series, including the AE-30 Pro.

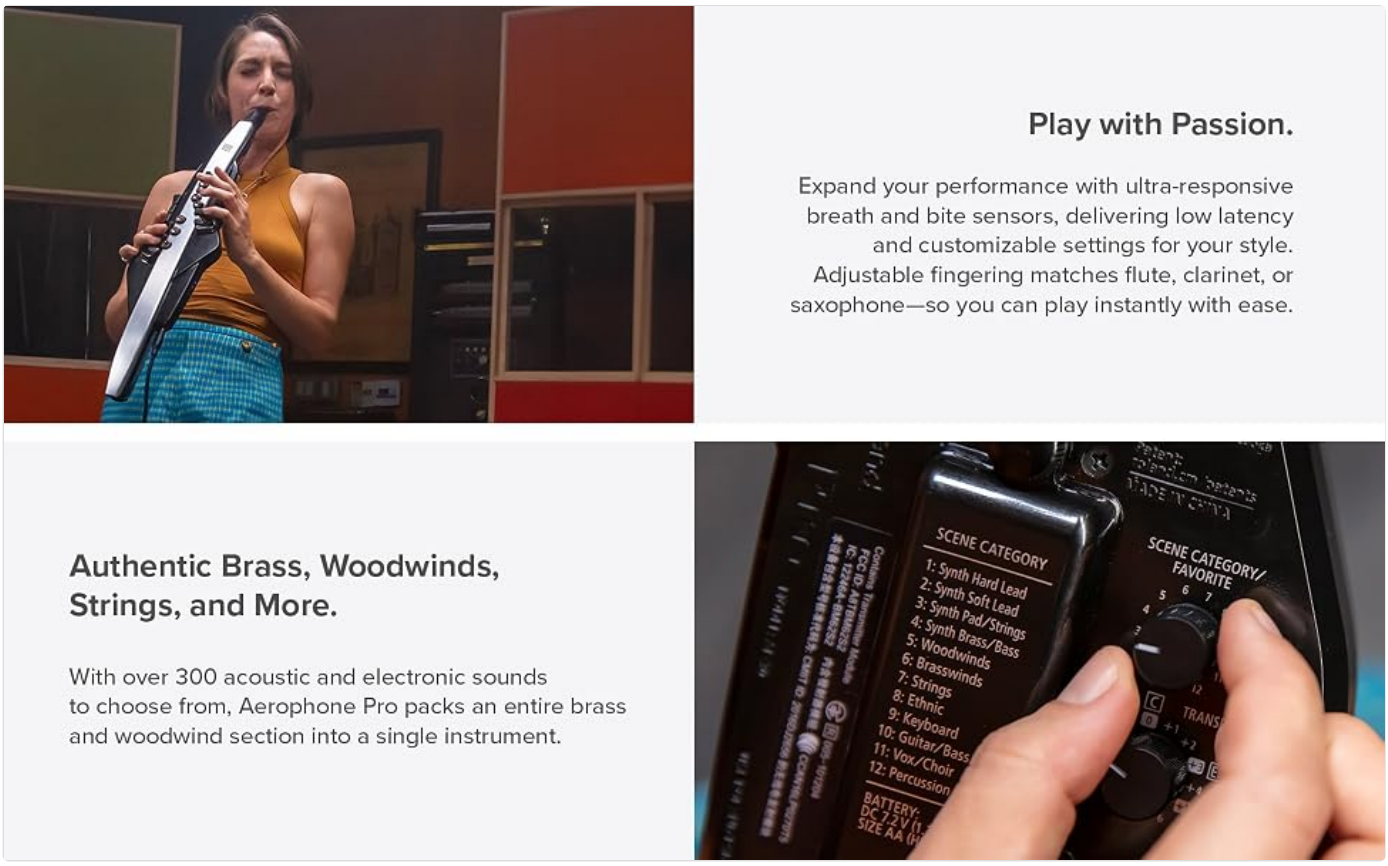


Figure 8: Diagram illustrating the dimensions and weight of the Roland AE-30 Aerophone Pro for reference.

Warranty and Support

For warranty information and technical support, please refer to the official Roland website or contact your local Roland distributor. Keep your proof of purchase for warranty claims.
Online resources and FAQs may also be available on theRoland Store on Amazon or the official Roland website.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question