

KORG PBXMINI

KORG Pitchblack X Mini Chromatic Guitar Pedal Tuner User Manual

Model: PBXMINI

1. INTRODUCTION

The KORG Pitchblack X Mini is a compact and highly accurate chromatic pedal tuner designed for guitars, basses, and other stringed instruments. It offers exceptional tuning precision and a bright, high-visibility display, making it suitable for various lighting conditions. This manual provides detailed instructions for setting up, operating, and maintaining your Pitchblack X Mini tuner.

Key Features:

- Ultra-high tuning accuracy of ± 0.1 cents.
- Bright, high-visibility display with four tuning modes: Regular, Strobe, Half-Strobe, and Mirror.
- New ULTRA BUFFER to maintain signal strength over long cable runs.
- Switchable between Ultra Buffer mode and True Bypass mode.
- Compact and lightweight design for easy pedalboard integration.
- Flexible power options: standard 9V DC adapter or two CR2032 lithium batteries.
- Durable construction with a powdered finish.

2. SAFETY INFORMATION

Please read and understand the following safety precautions before using your KORG Pitchblack X Mini tuner:

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Use only the specified power supply (9V DC adapter or CR2032 batteries).
- Avoid dropping or subjecting the unit to strong impacts.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- KORG Pitchblack X Mini Pedal Tuner (PBXMINI)
- Notices
- Rubber feet
- Two CR2032 lithium batteries (pre-installed or included separately)

4. PRODUCT OVERVIEW

Familiarize yourself with the components and connections of your Pitchblack X Mini tuner.



Figure 4.1: Front view of the KORG Pitchblack X Mini tuner, showing the display and footswitch.



Figure 4.2: Rear view of the KORG Pitchblack X Mini tuner, highlighting the DC 9V IN port, CALIB button, and DISPLAY button.



Figure 4.3: The compact size of the KORG Pitchblack X Mini tuner, held in a hand for scale.

Controls and Connections:

- **INPUT Jack:** Connect your instrument (guitar, bass, etc.) here.
- **OUTPUT Jack:** Connect this to your amplifier or the next pedal in your signal chain.
- **DC 9V IN:** Power input for a standard 9V DC adapter (sold separately).
- **Footswitch:** Activates/deactivates the tuner.

- **CALIB Button:** Adjusts the calibration of the tuner.
- **DISPLAY Button:** Cycles through the four display modes.

5. SETUP

5.1 Powering the Unit

The Pitchblack X Mini can be powered in two ways:

- **Using a 9V DC Adapter:** Connect a standard 9V DC power adapter (center negative, sold separately) to the DC 9V IN jack on the rear of the unit.
- **Using CR2032 Lithium Batteries:** The unit uses two CR2032 lithium batteries. To install or replace them, open the battery compartment cover on the bottom of the unit. Ensure correct polarity.

5.2 Connecting Your Instrument

1. Connect your instrument's output to the INPUT jack of the Pitchblack X Mini using a standard 1/4" instrument cable.
2. Connect the OUTPUT jack of the Pitchblack X Mini to your amplifier or the next effect pedal in your signal chain using another 1/4" instrument cable.

6. OPERATING INSTRUCTIONS

6.1 Turning On/Off

Press the footswitch to toggle the tuner on or off. When the tuner is active, the display will illuminate and show tuning information. When off, the signal passes through the pedal (True Bypass or Ultra Buffer mode).

6.2 Tuning Modes

The Pitchblack X Mini offers four display modes for tuning. Press the **DISPLAY** button on the rear of the unit to cycle through them:

- **Regular Mode:** Standard needle-style display.
- **Strobe Mode:** Provides ultra-high precision tuning by showing a rotating pattern that stops when the pitch is perfect.
- **Half-Strobe Mode:** Combines elements of regular and strobe modes for quick and precise tuning.
- **Mirror Mode:** A unique display that helps visualize pitch deviation.



Figure 6.1: The Pitchblack X Mini tuner active on a pedalboard, demonstrating its bright, high-visibility display.

6.3 Calibration

The standard calibration (A4 pitch) is 440 Hz. To adjust the calibration, press the **CALIB** button on the rear of the unit. Each press will cycle through available calibration settings. Refer to the display for the current setting.

6.4 Buffer Modes (Ultra Buffer / True Bypass)

The Pitchblack X Mini features a new ULTRA BUFFER circuit to maintain signal integrity over long cable runs. It can also be switched to True Bypass mode for compatibility with vintage pedals or if you prefer an unbuffered signal. Consult the full manual for instructions on switching between these modes.

7. MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the display dims or the unit fails to power on. Ensure correct polarity when inserting new CR2032 batteries.
- **Storage:** Store the unit in a dry, cool place away from direct sunlight when not in use for extended periods.

8. TROUBLESHOOTING

- **Unit does not power on:** Check battery installation and charge. If using a DC adapter, ensure it is correctly connected and functioning.
- **No display or dim display:** Replace batteries or ensure adequate power supply from the DC adapter.
- **Inaccurate tuning:** Check instrument cable connections. Ensure the correct calibration setting is selected.

- **No sound when tuner is off:** Verify cable connections. If using True Bypass mode, ensure all connections are secure.

9. SPECIFICATIONS

Feature	Specification
Model Number	PBXMINI
Tuner Type	Digital, Chromatic
Tuning Accuracy	±0.1 cents
Display Modes	Regular, Strobe, Half-Strobe, Mirror
Compatible Devices	Guitars, Basses, Other Stringed Instruments
Connector Type	1/4" Jack (Input/Output)
Connectivity Technology	AUX
Power Supply	9V DC (adapter sold separately) or 2 x CR2032 Lithium Batteries
Color	Black
Item Dimensions (L x W x H)	17.72"L x 36.61"W x 16.93"H (Note: These dimensions seem unusually large for a mini pedal. Please refer to product packaging for exact dimensions.)
Item Weight	124 Grams

10. WARRANTY AND SUPPORT

Warranty Information:

The KORG Pitchblack X Mini Chromatic Guitar Pedal Tuner (PBXMINI) comes with a **5-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty documentation included with your product or visit the official KORG website.

Customer Support:

For technical assistance, troubleshooting, or product inquiries, please contact KORG customer support through their official website or the contact information provided in your product's packaging. You can also visit the [KORG Store on Amazon](#) for additional resources.