LEKATO MT-4100

LEKATO Metronome Tuner User Manual

Model: MT-4100
Brand: LEKATO

1. Introduction

The LEKATO MT-4100 is a compact and versatile 3-in-1 digital device designed for musicians. It integrates a precise tuner, a flexible metronome, and a useful tone generator into a single, portable unit. This device is suitable for a wide array of instruments, including acoustic and electric guitars, bass, ukulele, violin, mandolin, piano, and various wind instruments like saxophone, clarinet, and trumpet. Its rechargeable battery, large LCD color display, and multiple pickup options make it an indispensable tool for practice and performance.

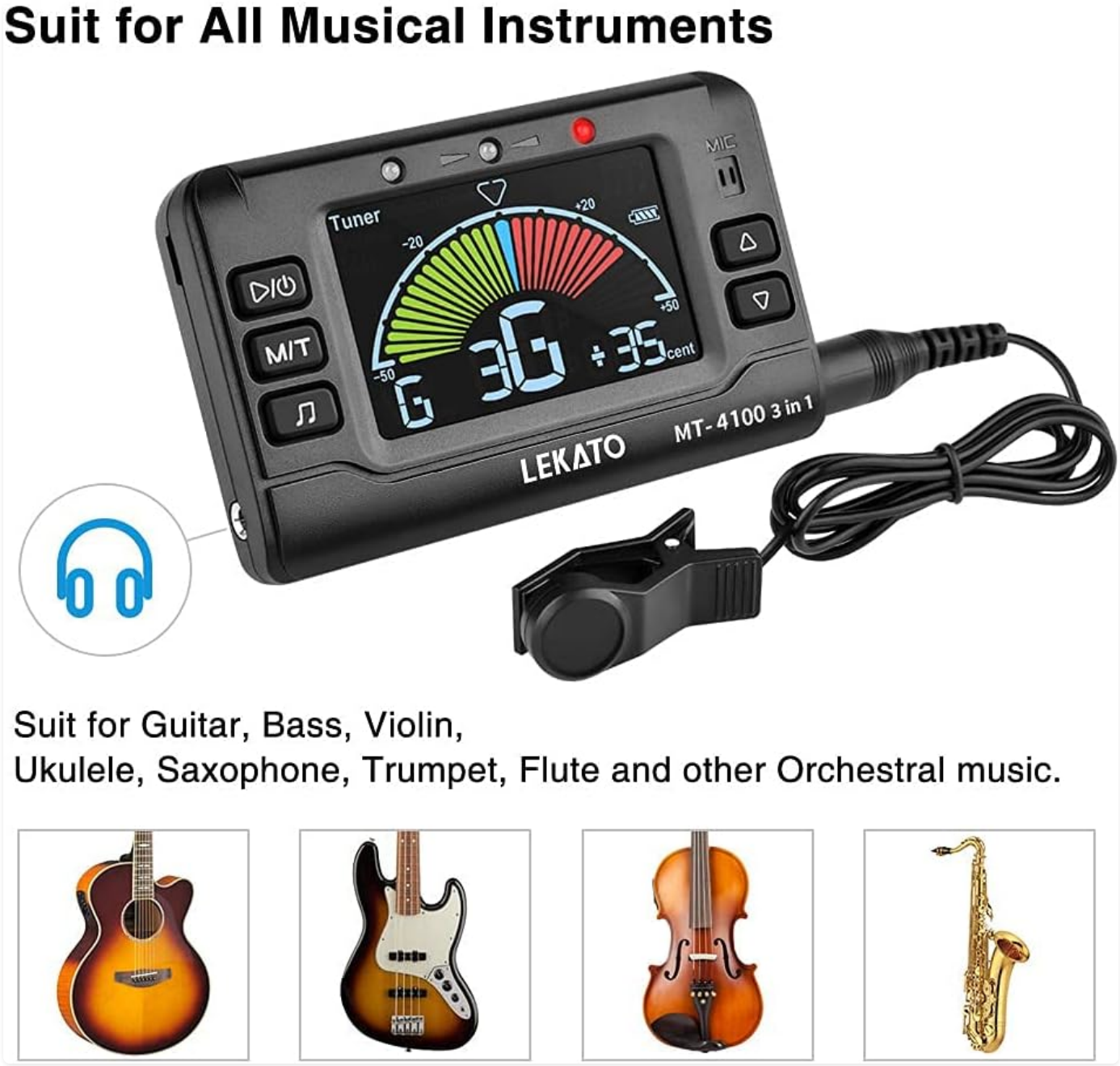


Image: The LEKATO MT-4100 device highlighting its three core functionalities: Metronome, Tuner, and Tone Generator.

2. Key Features

- **3-in-1 Functionality:** Combines a Tuner, Metronome, and Tone Generator in one compact device.
- **Wide Instrument Compatibility:** Suitable for acoustic and electric guitars, bass, ukulele, violin, mandolin, piano, clarinet, trumpet, and flute.
- **Rechargeable Battery:** Built-in lithium battery for extended use, rechargeable via USB cable (included).
- **Clear LED Display:** Large LCD color display with LED indicator for easy readability, even in low-light conditions.
- **Multiple Pickup Methods:** Features microphone pickup, an included pickup clip, and direct guitar cable input for versatile tuning.
- **Adjustable Metronome:** Tempo range of 30-250 beats per minute (BPM) and 0-9 beats per measure, with tap tempo function.

- **Volume Control & Headphone Jack:** Adjustable volume and a headphone jack for private practice.
- **Durable Design:** Constructed for robustness, suitable for both beginners and professionals.

3. Setup

3.1. Unpacking and Initial Inspection

Carefully remove the LEKATO MT-4100 from its packaging. Verify that all components are present:

- LEKATO MT-4100 Metronome Tuner
- Pickup Clip
- USB Charging Cable
- User Manual (this document)



Image: The LEKATO MT-4100 unit displayed with its standard accessories, including the pickup clip, USB charging cable, and user manual.

3.2. Charging the Device

The MT-4100 features a built-in rechargeable lithium battery. Before first use, or when the battery indicator on the display shows low power, charge the device using the provided USB cable.

1. Connect the small end of the USB charging cable to the USB port on the side of the MT-4100.
2. Connect the larger end of the USB cable to a standard USB power adapter (not included), a power bank, or a computer's USB port.
3. The device will indicate charging status on its display. A full charge typically takes a few hours.



Image: The LEKATO MT-4100 connected to a USB power source for charging.

3.3. Powering On/Off

To power on the device, press and hold the **D/IO (Power)** button located on the top left of the front panel. To power off, press and hold the same button until the display turns off.

4. Operating Instructions

4.1. General Controls Overview

The MT-4100 features intuitive controls:

- **D/IO Button:** Power On/Off.
- **M/T Button:** Mode Switch (Tuner / Metronome / Tone Generator).
- **Music Note Button:** Selects instrument type or tuning mode within Tuner mode.
- **Up/Down Arrows:** Adjust parameters (e.g., tempo, pitch, key).
- **MIC Button:** Toggles microphone input on/off.
- **Volume Controller:** Rotary dial on the side to adjust sound output volume.
- **Headphone Jack:** For private listening to metronome or tone generator.

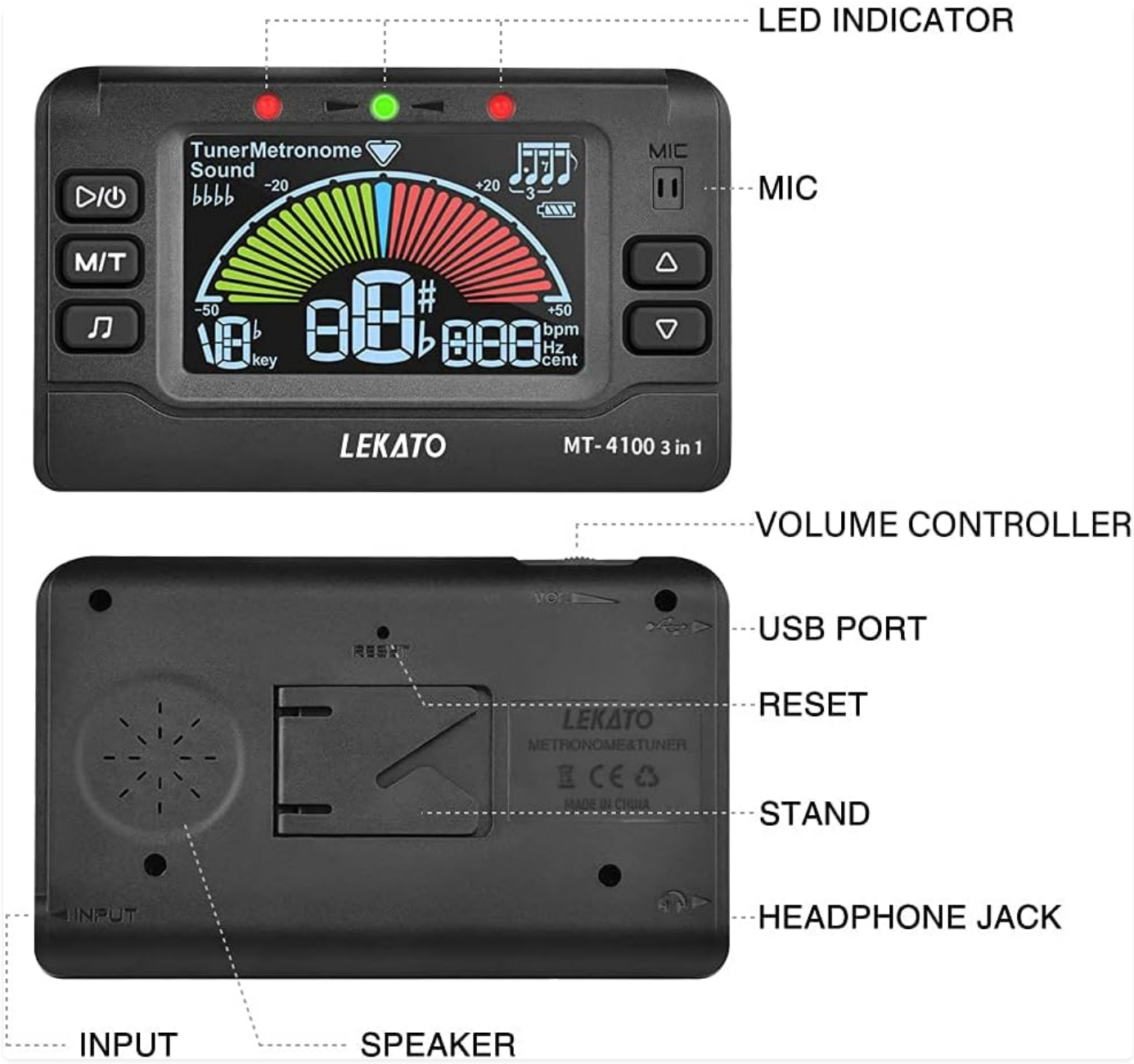


Image: Detailed view of the LEKATO MT-4100's front panel controls and rear features, including the LED indicator, MIC, volume controller, USB port, reset button, stand, and headphone jack.

4.2. Tuner Mode

The tuner function allows for accurate tuning of various instruments. The tuning range is A0 (27.5Hz) to C8 (4186.0Hz) with a precision of 1 cent.

1. Press the **M/T** button until "Tuner" is displayed on the screen.
2. Press the **Music Note** button to cycle through instrument modes: Chromatic (C key, F key, B key, E key), Guitar (G), Bass (B), Violin (V), and Ukulele (U). Select the appropriate mode for your instrument.
3. **Pickup Methods:**
   - **Microphone Pickup:** For acoustic instruments, ensure the MIC is enabled (indicated on screen). Place the device near the instrument.
   - **Pickup Clip:** For enhanced accuracy, especially in noisy environments, attach the included pickup clip to the headstock or soundboard of your instrument and plug it into the device's input jack.
   - **Guitar Cable:** For electric instruments, connect your instrument directly to the device's input jack using a standard 1/4" instrument cable.
4. Play a single note on your instrument. The display will show the note name and a meter indicating whether the note is flat, sharp, or in tune. Adjust your instrument until the needle is centered and the display turns green.



Image: The LEKATO MT-4100 in tuner mode, connected via its pickup clip, showing a clear display for accurate instrument tuning.



Image: The LEKATO MT-4100 in tuner mode, demonstrating its use with a saxophone, highlighting its versatility for various instruments.

Tuner Mode Demonstration Video

Your browser does not support the video tag.

Video: A short demonstration of the LEKATO Metronome Tuner's tuning capabilities, showing the display reacting to instrument input.

4.3. Metronome Mode

The metronome provides a steady beat for rhythm practice.

1. Press the **M/T** button until "Metronome" is displayed on the screen.
2. Use the **Up/Down Arrows** to adjust the tempo (BPM) from 30 to 250.
3. Press the **Music Note** button to change the beat setting (0, 1, 2, 3, 4, 5, 6, 7, 8, 9 beats per measure).
4. Adjust the volume using the rotary dial on the side. For private practice, plug headphones into the headphone jack.



Image: The LEKATO MT-4100 in metronome mode, positioned on a piano, indicating its use for rhythm practice.

Metronome Mode Demonstration Video

Your browser does not support the video tag.

Video: A comprehensive video demonstrating the LEKATO MT-4100's metronome function, including tempo adjustments and beat settings.

4.4. Tone Generator Mode

The tone generator produces a reference pitch for ear training or manual tuning.

1. Press the **M/T** button until "Sound" is displayed on the screen.
2. Use the **Up/Down Arrows** to select the desired pitch (note and frequency).
3. The device will emit the selected tone. Adjust the volume as needed.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly, even if not in constant use.

6. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device using the USB cable.
Tuner is inaccurate or unresponsive.	Incorrect pickup method selected; noisy environment; device needs reset.	Ensure correct pickup method (MIC, clip, or cable). Move to a quieter area. Press the RESET button on the back of the device with a paper clip.
Metronome sound is too low or absent.	Volume is too low; headphones connected.	Adjust the volume dial. Disconnect headphones if sound is desired from the speaker.
Display is dim or flickering.	Low battery.	Recharge the device.



Image: The rear of the LEKATO MT-4100, indicating the location of the reset button and the foldable stand.

7. Specifications

- **Item Weight:** 5 ounces
- **Package Dimensions:** 4.61 x 2.91 x 1.69 inches
- **Battery Type:** 1 Lithium Metal battery (included)
- **Color:** Black
- **Tuning Range:** A0 (27.5Hz) - C8 (4186.0Hz)
- **Tuning Precision:** ±1 cent
- **Metronome Tempo Range:** 30-250 BPM

- **Metronome Beat:** 0-9 beats per measure
- **Pickup Methods:** Mic, Input Jack (for clip-on or instrument cable)

8. Warranty and Support

LEKATO products are manufactured with high standards of quality and durability. For any questions regarding product operation, troubleshooting, or warranty claims, please contact LEKATO customer support through the retailer's platform or the official LEKATO website. Please retain your proof of purchase for any warranty-related inquiries.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

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