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› JOYO JMT-555B Backlit 3-in-1 Metronome and Tuner User Manual

JOYO JMT-555B

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1. INTRODUCTION AND OVERVIEW

The JOYO JMT-555B is a versatile 3-in-1 device combining a backlit metronome and a chromatic tuner. This compact and lightweight unit is designed for musicians to achieve accurate tuning and precise rhythm practice. It features a fully functional chromatic tuner suitable for various instruments, including guitar, bass, violin, and ukulele. The integrated clip-on microphone allows for accurate tuning even in noisy environments by isolating the instrument's sound. Additionally, its advanced metronome function supports a wide range of tempos and beat patterns for effective practice.



Image 1.1: The JOYO JMT-555B 3-in-1 Metronome and Tuner. This image displays the compact design of the device, featuring its screen and control buttons.

2. PRODUCT FEATURES

- **3-in-1 Functionality:** Combines a chromatic tuner and a metronome in one device.
- **Backlit Display:** Ensures clear visibility in various lighting conditions.
- **Chromatic Tuner:** Supports tuning for Guitar, Bass, Violin, Ukulele, and Chromatic modes.
- **Wide Tuning Range:** Frequency adjustable from 410 Hz to 450 Hz.
- **Clip-on Microphone:** Allows for accurate tuning by picking up vibrations directly from the instrument, minimizing external noise interference.
- **Metronome Function:** Adjustable tempo from 30 to 250 beats per minute (BPM).
- **Variable Beat Patterns:** Offers beat settings from 0 to 9.
- **Compact and Portable:** Lightweight design for easy transport and use.
- **Battery Powered:** Operates on 2 AAA batteries (included).

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open in the direction indicated by the arrow.
3. Insert two (2) AAA batteries, ensuring the correct polarity (+ and -) as marked inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

Note: The device comes with 2 AAA batteries included. Always use fresh batteries for optimal performance. Remove batteries if the device will not be used for an extended period to prevent leakage.

3.2 Power On/Off

- **To Power On:** Press and hold the power button (usually marked with a power symbol) for approximately 2 seconds. The display will light up.
- **To Power Off:** Press and hold the power button again for approximately 2 seconds. The display will turn off.
- The device may also feature an auto-off function to conserve battery power after a period of inactivity.

4. OPERATING INSTRUCTIONS

4.1 Tuner Mode

The tuner function allows you to accurately tune your instrument. The JMT-555B offers various instrument modes and a chromatic mode.

1. **Enter Tuner Mode:** After powering on, the device typically defaults to tuner mode. If not, press the 'Mode' button until the tuner display appears.
2. **Select Instrument Mode:** Press the 'Instrument' or 'Mode' button repeatedly to cycle through the available tuning modes: Chromatic (C), Guitar (G), Bass (B), Violin (V), and Ukulele (U). Select the mode corresponding to your instrument.
3. **Adjust Reference Pitch (Frequency):** Use the 'Up' and 'Down' buttons to adjust the reference pitch (A4 frequency) from 410 Hz to 450 Hz. The standard reference pitch is 440 Hz.
4. **Attach Clip:** Securely attach the clip-on microphone to the headstock or a vibrating part of your instrument.
5. **Tune Your Instrument:** Pluck a single string on your instrument. The display will show the note being played and indicate whether it is sharp, flat, or in tune. Adjust your instrument's tuning pegs until the needle or indicator is centered and the display shows a green light or 'in tune' indication.

4.2 Metronome Mode

The metronome function provides a steady beat for rhythm practice.

1. **Enter Metronome Mode:** Press the 'Mode' button until the metronome display appears, typically showing BPM and beat settings.
2. **Adjust Tempo (BPM):** Use the 'Up' and 'Down' buttons to set the desired tempo from 30 to 250 BPM.
3. **Select Beat Pattern:** Use the 'Beat' button to cycle through different beat patterns (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9). This determines the number of beats per measure and the accent pattern.
4. **Start/Stop Metronome:** Press the 'Start/Stop' button to begin the metronome click. Press it again to stop.
5. **Adjust Volume:** If available, use the volume control buttons to adjust the metronome's sound level.

5. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Battery Care:** If the device will not be used for an extended period, remove the batteries to prevent potential leakage and damage.
- **Avoid Impact:** Protect the device from drops and strong impacts, which can damage the internal circuitry or display.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with fresh AAA batteries.
Tuner is inaccurate or unresponsive.	Clip not properly attached; noisy environment; incorrect instrument mode.	Ensure clip is firmly attached to the instrument. Select the correct instrument mode. Tune in a quieter environment if possible.
Metronome sound is too low or absent.	Volume set too low; device malfunction.	Increase the volume using the dedicated buttons. If problem persists, contact support.
Display is dim or flickering.	Low battery power.	Replace batteries with fresh ones.

7. SPECIFICATIONS

Feature	Specification
Model Number	JMT-555B
Tuning Modes	Chromatic, Guitar, Bass, Violin, Ukulele
Tuning Frequency Range	A4 = 410 Hz - 450 Hz
Tempo Range (Metronome)	30 - 250 BPM
Beat Patterns (Metronome)	0, 1, 2, 3, 4, 5, 6, 7, 8, 9
Power Supply	2 x AAA batteries
Dimensions (L x W x H)	5.7 x 10 x 2 cm (approx. 2.24 x 3.94 x 0.79 inches)
Weight	49.9 g (approx. 1.76 oz)
Color	Black
UPC	708801571483
ASIN	B004EBBL5Y

8. WARRANTY AND SUPPORT

Specific warranty information for the JOYO JMT-555B is not provided in this manual. For details regarding warranty coverage, duration, and terms, please refer to the documentation included with your purchase or contact the retailer where the product was acquired. For technical support, product inquiries, or service, please reach out to JOYO customer service or your authorized JOYO dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

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