

YOYDA T90R

YOYDA T90R Rechargeable Clip-On Tuner and Metronome User Manual

Model: T90R

[Introduction](#) [Package Contents](#) [Product Overview](#) [Setup](#) [Operation](#) [Tuning](#)
[Modes](#) [Metronome](#) [Charging](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Thank you for choosing the YOYDA T90R Rechargeable Clip-On Tuner and Metronome. This device is designed for accurate and convenient tuning of various stringed instruments, including guitar, bass, ukulele, and violin. It also features a built-in metronome to assist with rhythm practice. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

2. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x YOYDA T90R Clip-On Tuner
- 1 x Micro USB Charging Cable
- 1 x User Manual (this document)



Image: The YOYDA T90R tuner unit, a micro USB charging cable, and the printed user manual.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your YOYDA T90R tuner.



Image: A detailed diagram of the YOUDA T90R tuner showing its various parts and controls, including the power button, tuning mode button, beat mode button, A4 benchmark adjustment buttons, detachable magnetic turntable, and silicone protective pad.

- **Power Button (U/Play):** Press and hold to turn ON/OFF. Short press to switch between Tuner and Metronome modes.
- **Tuning Mode Button (M/T):** Short press to cycle through different tuning modes (Chromatic, Guitar, Bass, Ukulele, Violin).
- **Beat Mode Button (φ / J):** Short press to enter/exit metronome beat mode.
- **A4 Benchmark Adjustment Buttons (▲ / ▼)** Adjust the A4 calibration frequency (430-450Hz).
- **Detachable Magnetic Suction Type Turntable:** Allows for 360-degree rotation and 120-degree tilt for optimal viewing angles.
- **Silicone Protective Pad:** Ensures a secure grip on your instrument without causing damage.
- **LCD Color Display:** Provides clear visual feedback for tuning and metronome settings.

4. SETUP

1. **Charge the Tuner:** Before first use, fully charge the tuner using the provided Micro USB cable. Connect the cable to the tuner's charging port and a USB power source (e.g., computer, USB wall adapter). The battery indicator on the display will show charging status.
2. **Attach to Instrument:** Clip the tuner onto the headstock of your stringed instrument. The silicone pads ensure a firm grip and protect the instrument's finish.

3. **Adjust Viewing Angle:** Utilize the 360-degree rotatable and 120-degree tiltable magnetic turntable to position the display for optimal visibility.

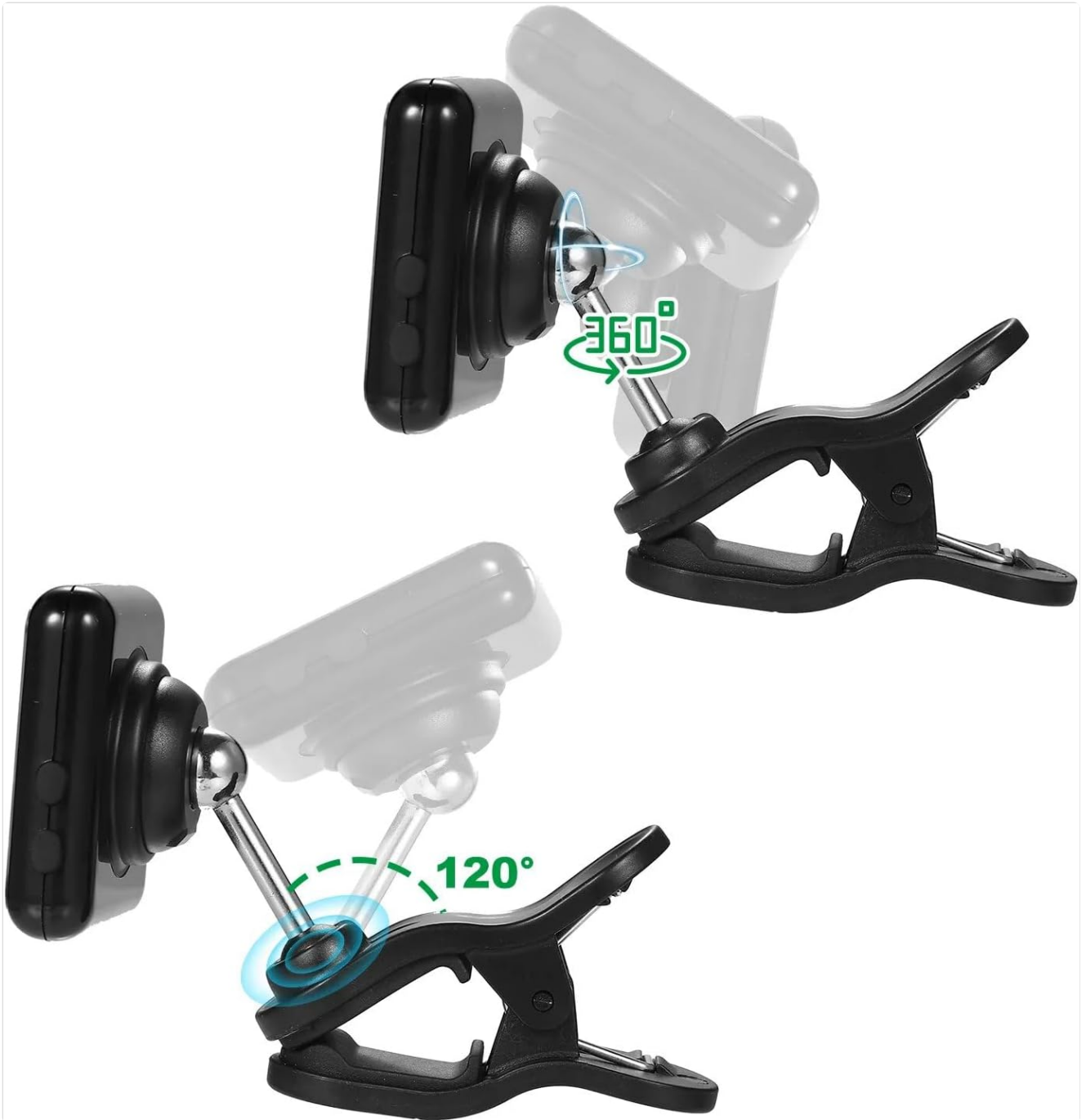


Image: The YOYDA T90R tuner demonstrating its flexible magnetic joint, allowing for 360-degree rotation and 120-degree vertical adjustment for various viewing angles.



Image: A close-up of the YOUDA T90R tuner's clip, indicating a large opening of 35mm (1.38 inches) to accommodate various instruments.

4. **Power On:** Press and hold the Power button (U/Play) for 2 seconds to turn on the tuner.

5. OPERATION

5.1. Tuning an Instrument

1. **Select Tuning Mode:** Short press the "M/T" button to cycle through the available tuning modes:
 - **C (Chromatic):** For all instruments, displays the note name.
 - **G (Guitar):** For standard guitar tuning.
 - **B (Bass):** For bass guitar tuning.
 - **U (Ukulele):** For ukulele tuning.
 - **V (Violin):** For violin tuning.
2. **Adjust A4 Calibration (Optional):** The default A4 calibration is 440Hz. If needed, press the "▲" or "▼" buttons to adjust the A4 frequency between 430Hz and 450Hz.
3. **Play a Note:** Pluck a single string on your instrument. The tuner will detect the vibration and display the note on the

LCD screen.

4. Read the Display:

- The needle on the display will move left or right.
- If the needle is to the **left** and the display is **red/orange**, the note is *flat*. Tighten the string.
- If the needle is to the **right** and the display is **red/orange**, the note is *sharp*. Loosen the string.
- When the note is in tune, the needle will be in the **center** and the display will turn **green**.



Image: The YOUDA T90R tuner clipped onto a guitar headstock, displaying a green screen and centered needle, indicating the instrument is in tune at A=440Hz.

5.2. Special Guitar Tuning Modes

When the tuner is in Guitar (G) mode, a short press on the "Note" button (often the same as the "M/T" button, depending on the specific unit's labeling) allows you to switch between standard guitar tuning and various drop/open tunings:

- **Standard Guitar**
- **DROP D**
- **OPEN G**

- **OPEN D**
- **OPEN E**
- **Flat Tuning (b, bb):** Allows for tuning down by one or two semitones.

This feature is particularly useful for professional guitarists who frequently use alternative tunings.

5.3. Metronome Function

The YOUDA T90R also functions as a metronome to help you practice rhythm and timing.

1. **Enter Metronome Mode:** Short press the Power button (U/Play) to switch from Tuner mode to Metronome mode. The display will show metronome settings.
2. **Adjust Tempo (BPM):** Use the "▲" and "▼" buttons to adjust the tempo (Beats Per Minute) from 30 to 280 BPM.
3. **Select Beat:** Short press the "φ / J" button to cycle through different beat patterns (e.g., 0/4, 1/4, 2/4, 3/4, 4/4, etc.).
4. **Start/Stop Metronome:** The metronome will start automatically once a tempo and beat are selected. To stop, switch back to Tuner mode or power off the device.

6. CHARGING THE TUNER

The YOUDA T90R features a built-in rechargeable Li-ion battery (120mAh) for convenience and environmental friendliness.

- **Charging Indicator:** The battery icon on the display will show the charging status. It will typically blink while charging and become solid when fully charged.
- **Charging Time:** A full charge typically takes a few hours.
- **Battery Life:** A fully charged tuner can operate continuously for more than 10 hours.
- **Auto Power-Off:** To conserve battery life, the tuner will automatically power off after 3 minutes of no signal detection or inactivity.
- **Charging Port:** Use the provided Micro USB cable to connect the tuner to any standard USB power source (e.g., computer, power bank, USB wall adapter with 5V output).



Image: The YOYDA T90R tuner, its retail packaging, and the included micro USB charging cable, illustrating the complete product set.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the tuner's surface. Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the display or casing.
- **Storage:** Store the tuner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Impact:** Protect the tuner from drops and impacts, which can damage internal components or the display.
- **Battery Care:** For optimal battery longevity, avoid completely draining the battery frequently. Charge it regularly, even if not in constant use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tuner does not power on.	Low battery or no charge.	Charge the tuner using the provided USB cable. Ensure the cable and power source are working.
Tuner does not detect notes accurately.	- Not clipped securely. - Excessive background noise. - Incorrect tuning mode selected.	- Ensure the tuner is firmly clipped to the instrument's headstock. - Tune in a quiet environment. - Verify that the correct instrument mode (G, B, U, V) or Chromatic (C) mode is selected.
Display is dim or unresponsive.	Low battery.	Recharge the tuner.
Metronome function not working.	Not in metronome mode or settings incorrect.	Short press the Power button to switch to metronome mode. Adjust BPM and beat pattern as needed.

9. SPECIFICATIONS

Tuning Instrument	Guitar, Bass, Ukulele, Violin, Banjo (via Chromatic mode)
Tuning Keys	Chromatic
Tuning Mode	Clip-on (Vibration Pickup)
Detection Range	27.5Hz (A0) - 4186Hz (C8)
Tuning Accuracy	±1 Cent
A4 Calibration	430-450Hz
Power	Built-in Li-ion, 120mAh
Charging Voltage	5V (Micro USB)
Metronome Tone Range	2A-6A
Metronome Beat	0~9
Metronome Tempo Range	30-280 BPM
Item Size	47 x 46 x 20mm (1.85 x 1.81 x 0.79in)
Item Weight	33g (1.16oz)
Material	ABS

10. WARRANTY AND SUPPORT

YOVDA products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your purchase or contact YOVDA customer service through the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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