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EROK EK-AMT-600

EROK Digital Metronome & Tuner (Model EK-AMT-600) Instruction Manual

Your all-in-one rechargeable device for precise tuning and rhythm practice.

Introduction

The EROK Digital Metronome & Tuner (Model EK-AMT-600) is a versatile 3-in-1 device combining a digital metronome, chromatic tuner, and tone generator. This compact, rechargeable unit features a clear, full-color display and supports various instruments including guitar, bass, violin, ukulele, viola, cello, and wind instruments. It offers voice counting for metronome beats and comes with a contact clip-on microphone for accurate tuning.

Image: The EROK Digital Metronome and Tuner (Model EK-AMT-600) in white, showcasing its display and compact design.

What's in the Box

- 1x EROK Digital Metronome & Tuner (Model EK-AMT-600)
- 1x User Manual
- 1x USB Type-C Charging Cable
- 1x Pickup Clip

Product Features

- **3-in-1 Functionality:** Combines a metronome, tuner, and tone generator in one portable device.
- **Rechargeable Battery:** Built-in 600mAh Lithium Polymer battery provides over 5 hours of continuous use after a 2-hour charge.
- **Clear Display:** Large, full-color LCD screen for easy readability.
- **Versatile Metronome:** Wide tempo range (30-260 BPM), 10 beat subdivisions (0-9), 8 rhythm patterns, voice beat counting, and tap tempo function.
- **Multi-Function Chromatic Tuner:** Supports various instruments (Guitar, Bass, Violin, Ukulele, Chromatic, Wind Instruments) with a detection range of A0-C8 and pitch calibration (410-450Hz).
- **Multiple Tuning Input Methods:** Built-in microphone, included pickup clip, or 1/4-inch input jack (cable not included).
- **Tone Generator:** Produces precise reference tones for tuning by ear.

- **User-Friendly Design:** Features adjustable volume, built-in speaker, headphone output, and a foldable stand.

Image: Key features of the EROK Digital Metronome and Tuner, including its chromatic tuner, tap tempo metronome, tone generator, and intuitive user interface.

Controls and Functions Overview

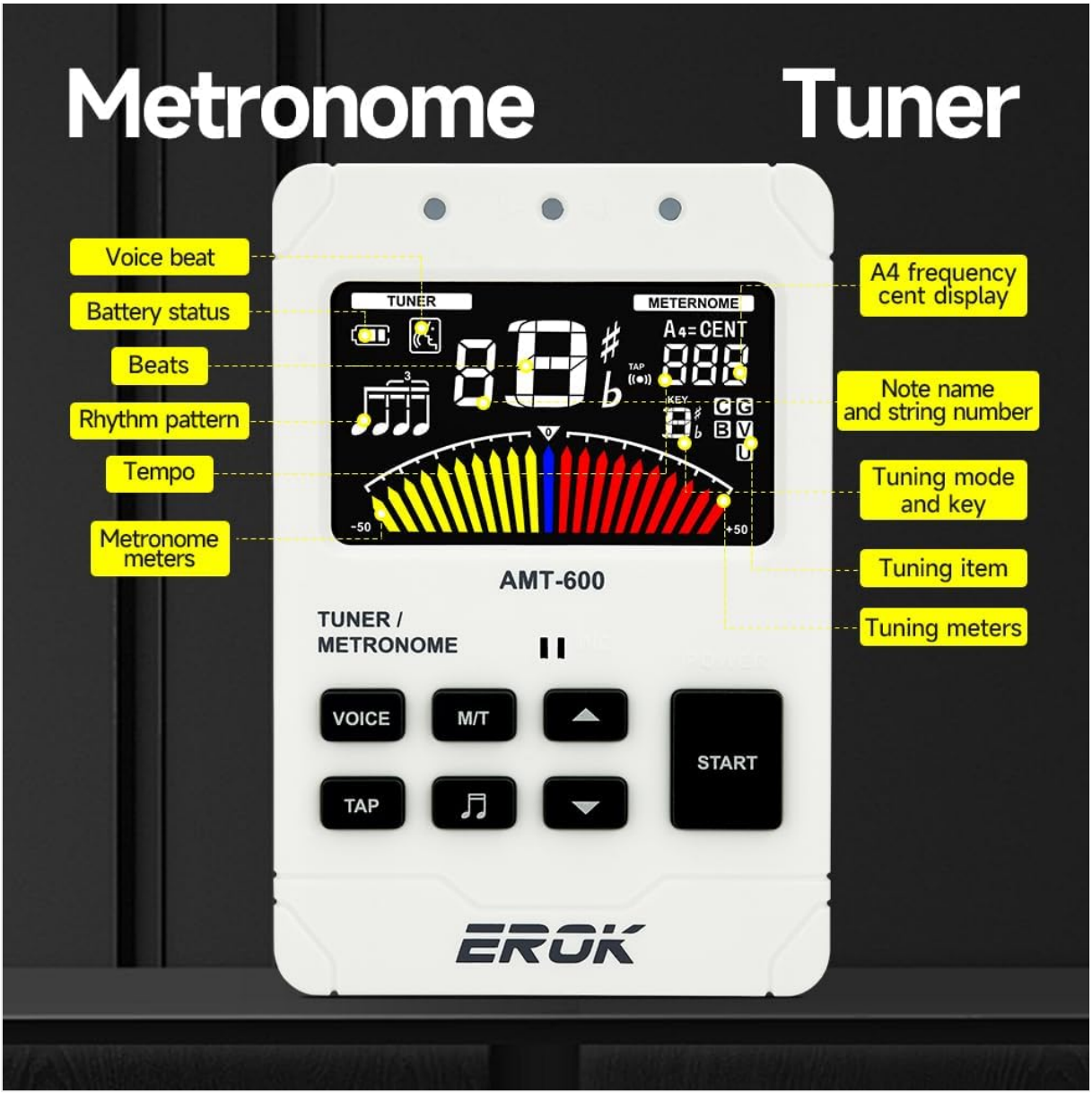

Image: Labeled diagram of the EROK Digital Metronome and Tuner, showing the location and function of each button, jack, and indicator.

- **LED Indicator:** Displays status (e.g., charging, tuning accuracy).
- **Headphone Jack (3.5mm):** For private practice with headphones.
- **Metronome/Tuner Switch (M/T):** Long press to toggle between metronome and tuner modes.
- **Voice Beat Button (VOICE):** Activates or deactivates voice counting in metronome mode.
- **Rhythm Button (Music Note Icon):** Cycles through different rhythm patterns in metronome mode.
- **TAP Button:** Allows manual setting of tempo by tapping.
- **Volume Wheel:** Adjusts the output volume.
- **USB Type-C Jack:** For charging the device.
- **Microphone:** Built-in microphone for tuning and sound detection.
- **On/Off/Play Button (START):** Long press to power on/off; short press to start/stop metronome.
- **Tempo/Beat Select Buttons (Up/Down Arrows):** Adjust tempo, beat, or tuning parameters.
- **Pickup Jack (6.35mm):** Input for external pickup clip or instrument cable.

Setup

Charging the Device

The EK-AMT-600 features a built-in rechargeable Lithium Polymer battery. To charge:

1. Connect the provided USB Type-C cable to the USB Type-C Jack on the side of the device.
2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer's USB port.
3. The LED indicator will show charging status. A full charge typically takes approximately 2 hours and provides over 5 hours of continuous use.

Image: The EROK Digital Metronome and Tuner highlighting its long-lasting rechargeable battery, Type-C charging port, and estimated usage time.

Powering On/Off

To power on the device, **long press** the **START** button. To power off, **long press** the **START** button again.

Operating the Metronome

The metronome function helps musicians maintain a steady tempo. Ensure the device is powered on.

1. **Switch to Metronome Mode:** If not already in metronome mode, long press the **M/T** button to switch from tuner to metronome.
2. **Start/Stop Metronome:** Short press the **START** button to begin the metronome beat. Short press

again to stop.

3. **Adjust Tempo (BPM):** Use the **Up/Down Arrow** buttons to increase or decrease the tempo (beats per minute) from 30 to 260 BPM.
4. **Tap Tempo:** Press the **TAP** button repeatedly at your desired tempo. The device will calculate and set the BPM.
5. **Change Beat Subdivisions:** Use the **Up/Down Arrow** buttons to change the beat subdivision (0-9).
6. **Change Rhythm Pattern:** Press the **Music Note Icon** button to cycle through 8 different rhythm patterns.
7. **Enable Voice Counting:** Press the **VOICE** button to activate or deactivate human voice counting for the beats.
8. **Adjust Volume:** Use the **Volume Wheel** on the side of the device.
9. **Headphone Use:** Plug 3.5mm headphones into the **Headphone Jack** for private practice.

Your browser does not support the video tag.

Video: Demonstrates powering on the device, enabling voice counting, changing beat patterns, and manually setting tempo in metronome mode.

Image: Detailed view of the metronome display, indicating voice beat, battery status, beat count, rhythm pattern, tempo, and metronome meters.

Operating the Tuner

The tuner function allows for accurate instrument tuning. Ensure the device is powered on.

1. **Switch to Tuner Mode:** Long press the **M/T** button to switch from metronome to tuner mode.
2. **Select Tuning Input Method:**
   - **Built-in Microphone:** For acoustic instruments, simply play a note near the device's microphone.
   - **Pickup Clip:** Connect the included pickup clip to the **Pickup Jack (6.35mm)** and attach the clip to your instrument's headstock or soundboard. This is ideal for noisy environments.
   - **1/4-Inch Input Jack:** Connect an instrument cable (not included) from your instrument to the **Pickup Jack (6.35mm)**.
3. **Select Tuning Mode:** Use the **Up/Down Arrow** buttons to cycle through tuning modes: Chromatic (C), Guitar (G), Bass (B), Violin (V), Ukulele (U), and Wind Instruments.
4. **Tune Your Instrument:** Play a single note on your instrument. The display will show the note name, string number, and a tuning meter.
   - If the needle is to the left, the note is flat. Tighten the string.
   - If the needle is to the right, the note is sharp. Loosen the string.
   - When the needle is centered and the display turns green, the note is in tune.
5. **Adjust Pitch Calibration (A4):** In tuner mode, you can adjust the A4 reference frequency (typically 440Hz) using specific button combinations (refer to on-screen prompts or detailed manual for exact steps if not intuitive). The device supports 410-450Hz.

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Video: Demonstrates switching to tuner mode, using the pickup clip for guitar tuning, and interpreting the tuning display.

Image: The EROK Digital Metronome and Tuner showing its three sound input methods for tuning: built-in microphone, pickup clip, and 6.35mm instrument cable input.

Image: The EROK Digital Metronome and Tuner connected to a guitar headstock using the included pickup clip for accurate tuning.

Tone Generator

The tone generator function allows the device to produce precise reference tones, similar to a pitch pipe. This is useful for tuning instruments by ear or for practicing pitch recognition.

1. **Activate Tone Generator:** While in Tuner mode, press a specific button (often the **VOICE** or **Rhythm** button, depending on the model's specific interface) to activate the tone generator. The display will typically show the note being generated.
2. **Select Note/Mode:** Use the **Up/Down Arrow** buttons to select the desired note or tuning mode (Chromatic, Guitar, Bass, Violin, Ukulele) for the reference tone.
3. **Adjust Volume:** Use the **Volume Wheel** to control the output level of the generated tone.

Maintenance

- **Cleaning:** Wipe the device with a soft, dry cloth. 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. Charge the

device regularly, even if not in use for extended periods.

- **Avoid Moisture:** Keep the device away from water and high humidity to prevent damage to internal components.

Troubleshooting

- **Device does not power on:** Ensure the battery is charged. Connect the device to a power source using the USB Type-C cable and try again after a few minutes.
- **Tuner not detecting notes accurately:**
  - Check the input method: Ensure the built-in microphone is unobstructed, the pickup clip is securely attached, or the instrument cable is fully inserted.
  - Verify the tuning mode: Make sure the correct instrument mode (e.g., Guitar, Bass) or Chromatic mode is selected.
  - Minimize background noise: For microphone tuning, ensure a quiet environment. The pickup clip is recommended for noisy settings.
  - Check instrument intonation: If individual strings consistently tune incorrectly despite proper technique, your instrument's intonation may need adjustment by a professional.
- **Metronome sound is too low or absent:** Check the volume wheel on the side of the device. Ensure headphones are not plugged in if you expect sound from the built-in speaker.
- **Battery life is shorter than expected:** Ensure the device is fully charged (approx. 2 hours). Extreme temperatures can affect battery performance.
- **Buttons are unresponsive:** Try powering the device off and on again. If the issue persists, ensure no debris is obstructing the buttons.

Specifications

Model Number	EK-AMT-600
Dimensions	4.17 x 2.91 x 0.79 inches (10.6 x 7.4 x 2.0 cm)
Item Weight	6.4 ounces (181 grams)
Battery Type	1 Lithium Polymer battery (included)
Charging Time	Approx. 2 hours
Continuous Use Time	Over 5 hours (after full charge)
Metronome Tempo Range	30-260 BPM
Metronome Beat Subdivisions	0-9
Tuning Detection Range	A0 (27.5Hz) - C8 (4186Hz)
Pitch Calibration (A4)	410-450Hz
Tuning Modes	Chromatic, Guitar, Bass, Violin, Ukulele, Wind Instruments

Image: Dimensions of the EROK Digital Metronome and Tuner, showing its compact size.

Warranty and Support

EROK products are designed for reliability and performance. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For detailed warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official EROK website.
Please retain your proof of purchase for warranty claims.