

TC-8

Chromatic Tuner/Metronome



The TC-8 is a chromatic tuner and metronome ideal for educators, students and professionals. It features a fast detection chip and a 13 cm (5") wide, backlit LC display for instant and clear pitch feedback. Four display modes are available including an animated strobe, and an oscillator plays through a built-in speaker for groups or classes. The tuner can be calibrated manually or automatically to a piano or other installed source, and eight musical scales include historic and alternate tunings for period instruments.

The TC-8 can also act as a desktop metronome with a tempo range from 30 to 300 BPM and seven accent values, played through a built-in speaker. The display conducts the beat for visual feedback, and Tap Tempo is available for finding the right setting for your own music. A flip-out stand, music stand clip and tripod mount offer other mounting options.

With its fast pitch detection and large display, the TC-8 is a perfect companion for any musician.

Main Features

- **Compact, powerful chromatic tuner with metronome for any musician**
- **Clearly visible, extra wide pitch display (43 segments)**
- **Additional note indication display with sharp (#) and flat (b) symbols and battery indicator**
- **Ultra high-speed pitch detection for easy and accurate tuning**
- **Supports eight musical scales**
 - 12-note equal temperament
 - Pythagorean
 - Mean tone
 - Werckmeister III
 - Kirnberger III
 - Kellner
 - Vallotti
 - Young
- **Various tuner display modes**
 - Meter: Pitch is indicated by bars on the large meter scale
 - Animated strobe: Pitch is indicated by a strobe effect to allow tuning more intuitively
 - Needle: Pitch is indicated by three bars on the large meter scale
 - Fine: Double precision on the large meter scale
 - Tone output: To tune by ear, the selected note is output over the built-in speaker
- **Selectable response speed (5 steps)**
 - Set this according to the instrument to be tuned
 - High response speed allows the unit to be used as a pitch trainer
- **Manual calibration**
 - Set the value of A4 in a range of 349.0–499.0 Hz (in 1-Hz steps)
- **Auto calibration**
 - Allows the unit to be set to the tuning of a permanently-installed piano, for instance
- **Metronome**
 - Variable tempo in a range of 30–300 beats per minute in 1-BPM steps
 - Tempo can also be set by tapping on a key
 - 11 beat types selectable (1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, duplets (8th notes), triplets, triplet shuffle, quadruplets (16th notes))
- **Microphone input**
- **Built-in microphone for acoustic instrument tuning**
- **Built-in loudspeaker for tuning tone and metronome output**
- **Built-in stand for tabletop use or to hang the unit on a music stand**
- **Strap holder**
- **Up to 200 hours operation time on batteries**

Specifications

Functions

Tunings

12-note equal temperament

	Pythagorean Mean tone Werckmeister III Kirnberger III Kellner Vallotti Young
Detection range	A0–C8 (27.5–4186.010006 Hz)
Tone output range	B1–B6 (61.73541–1975.533672 Hz)
Tuning modes	Meter, animated strobe, needle, fine, tone output
Calibration range	349.0–499.0 Hz, 1-Hz intervals (manual) or 0.1-Hz intervals (auto)
Detection accuracy	1 cent (A = 440 Hz)
Standard pitch output precision	±1 cent
Tempo range	30–300 quarter notes per minute
Rhythms (accent frequency)	1, 2, 3, 4, 5, 6, 7, 8, 12, 16, shuffle
Backlight	Switchable on/off

Inputs and outputs

Input	Built-in mic, omnidirectional, mono 6.3-mm standard mono jack for external microphone
Output	Built-in speaker, 0.4 W

Power supply and other specifications

Power	2 AAA batteries
Continuous battery operation time	200 hours or longer (with "A" pitch continuously input and backlight off) (Time is given using AAA alkaline batteries. Actual time will vary according to conditions.)
External dimensions (W x H x D)	150 mm x 29 mm x 50 mm
Weight (without batteries)	0,1 kg
Operating temperature range	5–35 °C

Design and specifications subject to change without notice.

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