

MT-1200

MULTI TEMPERAMENT TUNER

KORG



A precision tuning tool providing the utmost in tuning accuracy and flexibility

The MT-1200 is a state-of-the-art tuning device, the most advanced in Korg's popular series of sophisticated tuners. In addition to basic tuning operations, it features a wealth of unique functions, such as tuning presets for microtonal music, user programmable temperaments and a convenient instrument mode. The MT-1200 makes it possible to precisely tune any musical instrument, including all keyboard, stringed and brass instruments.



Precision tuning in virtually any register—plus advanced functions for any application

The Korg MT-1200 is capable of tuning with exceptional precision and high speed over a wide pitch range from A_0 to C_8 . Now, even instruments that were once difficult to tune with conventional tuners, such as pianos and low range brass instruments, can be tuned easily and precisely.

A calibration function allows you to determine the base pitch over a range of 390.0 Hz to 470.0 Hz (in 0.1Hz steps). This function can be applied to any concert pitch.

The MT-1200 has three convenient tuning modes. The Auto mode automatically displays the sound name and sound range. In the Manual mode, it is possible to achieve stable tuning without the interference of other sounds and noise. (The measurable range of the meter can be switched between ± 50 cents and ± 25 cents.) The Sound mode outputs standard pitches over a four-octave range (from C_2 to B_5) through a line out connector. Sophistication in even basic functions like these makes the MT-1200 ideal for any tuning application.

Instant and accurate tuning for any instrument

Eight different tuning scales, including traditional classical music tuning systems such as Werckmeister III and Kirnberger III can be selected instantly from temperament presets. Moreover, two additional user programs are provided for creating original scale temperaments and can be used for special classical and ethnic folk instrument tunings. With these features, the MT-1200 is ideal for use in music education and research.

The instrument mode makes it possible to program up to fifteen sound names, or pitches, to be measured. For example, violinists can program the notes G, D, A, and E, while guitarists can program E, B, G, D, A, and E. No matter what instrument you use, you can program the MT-1200 for tuning it instantly and accurately.

In order to accommodate acoustic instruments which do not have electronic outputs, a relatively loud pitch can be heard when set to LOUD in the Sound mode. In this way, two or more instrumentalists in an orchestra or brass band can simultaneously tune by hearing a standard pitch.

The Manual/Auto Mode contains a microphone that is Front/Rear switchable. This ensures smooth and accurate measurements without being dependent on the direction of the sound source.

Easy-to-read meters and a wealth of other convenient functions

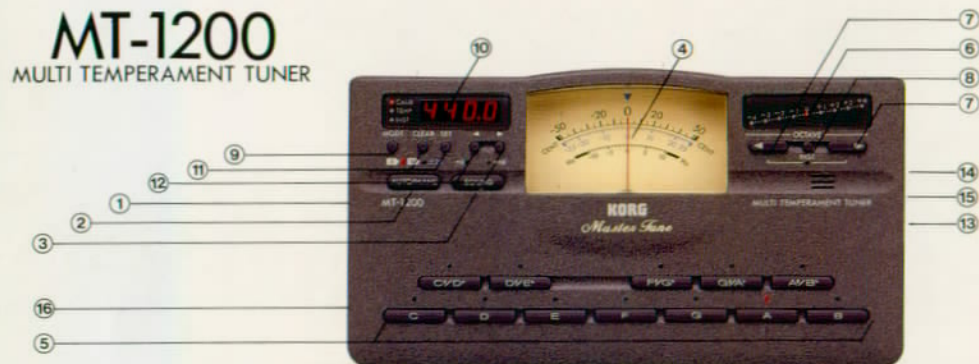
Calibration values are displayed in up to four digits by the LEDs, as are the octave positions and pitch names. The large size of the meters make them exceptionally easy to read and the note switches have been designed for ease of use. The MT-1200 was built for comfort, as well as speed and precision. The MT-1200 has many other convenient features that make it a top-of-the-line tuner, like a memory backup function, a battery power warning function and dual power source. The memory backup function memorizes calibration values and program data even after the power has been turned off. The battery warning function lets you know when battery power is running low by flashing the four-digit LED display. And the supplied AC adaptor and batteries make it possible to use the MT-1200 anywhere.

Sleek, modern appearance of the MT-1200 matches its advanced functions

The contemporary curved design and elegant textured finish give the MT-1200 an appearance every bit as professional and sophisticated as its features and operation.

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Explanation of switches, indicators and connectors

- 1. POWER switch**
OFF and ON settings; lamp inside the meter lights up when power is turned on.
- 2. AUTO/MANL (METER) switch**
METER mode is selected when this button is pushed down. This is used when switching between AUTO mode and MANUAL mode (AUTO = ± 50 cents, MANUAL = ± 50 cents or ± 25 cents).
- 3. SOUND switch**
Selects the SOUND mode. This is used when switching sound modes (SOFT/LOUD).
- 4. Meter**
Indicates the pitch of the played instrument, relative to a specified frequency.
- 5. NOTE switch**
Selects the pitch name to be tuned.
- 6. OCTAVE indicator**
Indicates the octave at which the pitch of the sound will be tuned.
- 7. \blacktriangleleft \blacktriangleright switch**
Selects octave of standard pitch and also functions as an up/down switch in the INST mode.
- 8. INST switch**
Selects between INST mode and NORMAL SELECT mode.

- 9. MODE switch**
Selects the CALIBRATION SELECT, TEMPERAMENT SELECT, TEMPERAMENT PROGRAM, and INSTRUMENT PROGRAM modes.
- 10. Four digit LED**
Displays calibration value, temperament number and instrument number.
- 11. CLEAR switch, SET switch**
For deletion (CLEAR switch) and writing (SET switch) of data in the TEMP PROG/INST PROG modes.
- 12. UP switch, DOWN switch**
Selects the numeric values in the CALIB/TEMP/INST modes.
- 13. INPUT terminal**
Input connector for input of electric instrument signals and electronic instrument signals. The built-in microphone is automatically shut off when a plug is inserted into this connector.
- 14. Mic Front/Rear switch**
- 15. PHONES connector**
Output jack for output of standard pitch in the SOUND mode. Connect to an external amplifier or headphones for monitoring.
- 16. Meter Calibration**

SPECIFICATIONS

Meter Modes: Auto (± 50 cents), Manual ($\pm 50/25$ cents)
Sound
Modes: Calibration Select, Temperament Select/Program (8 presets, 2 user programs), Instrument Program (15 notes)
Meter: calibrated in cents (-50 to 50 cents)

Tuning List

TEMP No.	Temperament	Modulation	Stretch
1	Equal Temperament	<input type="radio"/>	<input type="radio"/>
2	Pure (Major)	<input type="radio"/>	<input type="radio"/>
3	Pure (Minor)	<input type="radio"/>	<input type="radio"/>
4	Mean Tone	<input type="radio"/>	<input type="radio"/>
5	Pythagorean	<input type="radio"/>	<input type="radio"/>
6	Werckmeister III	<input type="radio"/>	<input type="radio"/>
7	Kirnberger III	<input type="radio"/>	<input type="radio"/>
8	Vallotti & Young	<input type="radio"/>	<input type="radio"/>
9	Programmable (single octave)	—	<input type="radio"/>
0	Programmable (88 notes)	—	—

*TEMP No. 9 programs only pitch names. No.0 programs both pitch names and octaves.

Measurable range: A_0 (27.5Hz) to C_8 (4186.0Hz), 88 notes (when $A_4 = 440$ Hz)

Standard oscillating pitch (in Sound mode): C_2 (65.4Hz) to B_5 (987.77Hz); 4 octaves (when $A_4 = 440$ Hz)

Calibration range: $A_4 = 390.0$ Hz to 470.0Hz (in 0.1Hz steps)

Backup memory: calibration value; TEMP No.; TEMP program data (No. 9, 0); INST program data; SOUND mode, SOFT/LOUD; NOTE; OCTAVE (METER/SOUND)

Connectors: INPUT, PHONES

Power: Size AAA batteries $\times 4$, AC adaptor (DC 6V)

Size: 184(W) \times 100(D) \times 35(H)mm

Weight: 400g (including batteries)

Included accessories: Size AAA batteries $\times 4$, carrying case

OPTIONAL ACCESSORIES

gooseneck stand

The MT-1200 can also be attached to music stands with the use of an optional gooseneck stand, a touch musicians will find both stylish and functional.

NOTICE

Korg products are manufactured under strict specifications and voltages required by each country. These products are warranted by the Korg distributor only in each country. Any Korg product not sold with a warranty card or carrying serial number disqualifies the product sold from the manufacturer's / distributor's warranty and liability. This requirement is for your own protection and safety.

KORG

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