

# DTM-12

DIGITAL TUNER METRONOME

People and Technology in Harmony

# KORG

Perfect Pitch, Perfect Timing —  
Korg's Digital Tuning Meter with  
Built-in Metronome



## Now With PCM Metronome A New Standard in Digital Tuning Accuracy

For you and every member of your band or orchestra there is now one meter that does it all. Korg's DTM-12 combines digital metering precision with PCM metronome convenience. You get an LED reading as well as LCD readouts and tone generation. It's the ultimate reference for the musician, professional or amateur.

### Precision You Can Trust

Korg has replaced the meter needle with the precision and reliability of an advanced electronic LED display. Gone are errors caused by mechanical friction, ambient temperature or angle-of-view. Instead you have a large, quartz referenced pitch indication with green LED center marker. Meanwhile, a self-illuminating LCD readout shows note and octave name, calibration value, metronome beat and tempo.

### Manual Mode with Tone Generation

In noisy surroundings you can override the auto-chromatic function and specify which note you wish to check. This is also convenient for monophonic instruments and voice training. Arrows on the LCD show octaves above and below the target note. For basic tuning and ear training you can have the tuner generate 5-second tones at the notes of your choice.

### Has Its Own Metronome

The internal metronome offers 40 to 208 beats per minute and 0, 2, 3, 4, 5, 6, 7, 8, or 9 beats per measure. It's suitable for any kind of music, from rock to classical. Rhythm training and reference performance are enhanced by center LED confirmation of the main beat. Best of all, it has the warm sound of a traditional acoustic metronome, thanks to the miracle of PCM recording.

### Virtuoso Credentials

With a 7-octave range of C1 ~ B7, the DTM-12 lets you tune everything from contrabass to piccolo. The reference frequency may be calibrated in 1kHz steps to meet any concert pitch standard between 410Hz and 420Hz or between 430Hz and 450Hz. Instruments like the harpsichord can be handled with ease.

The reference tone generator outputs your choice of notes from C2 to B5 while internal memory backs up your calibration and metronome settings when the power is turned off. Other valuable features include selectable meter response speed, bypass switch, battery down indication and 2-way power supply.

It's the kind of state-of-the-art performance that you expect from Korg, maker of the tuners that orchestras depend on.





## DTM-12 DIGITAL TUNER METRONOME



### FEATURES

#### 1 LED meter

Indicates accuracy of musical pitch and confirms metronome beat.

#### 2 Battery down LED

This yellow LED illuminates when it is time for battery replacement.

#### 3 Mode LEDs

These illuminate to confirm the currently selected mode.

#### 4 POWER switch

The "light" position supplies illumination for the LCD readout.

#### 5 LCD readout

Depending on the mode, this shows the note name, octave, tempo, beat, and calibration setting.

#### 6 DC 6V

For use with included AC adaptor.

#### 7 Microphone

For tuning of all acoustic instruments and for voice practice.

#### 8 SOUND LOUD/SOFT/OFF selector

Controls internal speaker volume.

#### 9 Speaker

Produces the metronome sound and reference tones.

#### 10 SOUND OUT jack

Provides metronome and reference tone signal for external reproduction.

#### 11 BYPASS jack

Used to transmit the input signal to an amplifier or mixing console.

#### 12 INPUT jack

For input from an electric or electronic instrument, or microphone.

#### 13 MODE selector

Press to choose your desired mode of operation.

**SLOW/FAST:** Use the SLOW mode when

referring to the meter when tuning instruments having unsteady pitch characteristics. At the FAST mode setting, the meter responds instantly to pitch fluctuations.

**MANL:** This "manual" position lets you specify the note to be checked and also enables tone generation at that pitch. Triangular arrows confirm pickup of the specified note at higher or lower octaves.

**SOUND:** An internal speaker produces a tone at the note of your choice from C2 through B5, a span of four octaves.

#### 14 Calibration switch

Selects the calibration mode in which

you can select the reference frequency for standard pitch.

#### 15 METRONOME key

Selects the metronome mode. Also used for setting the number of beats per measure.

#### 16 Start/Stop switch

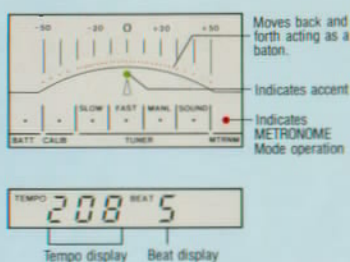
Press this key to start and stop the metronome or (in the manual mode) to produce reference tones.

#### 17 UP/DOWN keys

Used to set standard concert pitch reference frequency, to select the reference tone, to select the metronome tempo, and so on.

### METRONOME MODE OPERATIONS

- 1). Set power switch to ON, or LIGHT.
- 2). Press the METRONOME key, specifying the METRONOME Mode.
- 3). Choose desired beat by pressing the METRONOME key. Beat is displayed on the LCD.
- 4). Tempo is set by pressing the UP and DOWN key.
- 5). Pressing the Start/Stop key starts the metronome.



### DTM-12 SPECIFICATIONS

■ Measurement Range: C<sub>1</sub> (32.7Hz) - B<sub>7</sub> (3951.07Hz) @ A<sub>4</sub> = 440Hz 7 octaves ■ Measurement Precision: ± 0.5 cent ■ Indication: 2 cents (-20 to +20 cents), 5 cents (-50 to +50 cents), 21 to +50 cents ■ Standard Pitch Output: C<sub>2</sub> (65.41Hz) to B<sub>5</sub> (987.77Hz) @ A<sub>4</sub> = 440Hz 4 octaves ■ SOUND Output Precision: ± 1 cent ■ Calibration Range: A<sub>4</sub> = 410 to 420Hz, A<sub>4</sub> = 430 to 450Hz (1Hz steps) ■ Metronome Tempo: 40 to 208 ■ Metronome Beat: 0, 2, 3, 4, 5, 6, 7, 8, 9 ■ Metronome Tempo Precision: ± 0.1% ■ Connections: INPUT, BYPASS, SOUND OUT, DC IN 6V ■ Power Requirements: AA batteries x 4 AC Adaptor ■ Dimensions: 188 (W) x 104 (D) x 32.7 (H) mm ■ Weight: 384g (including batteries) ■ Supplied Accessories: AA batteries x 4 AC Adaptor, soft case, earphone

### Digital tuning precision and versatile features packed into a cassette size case

## DT-1 DIGITAL TUNER



### DT-1 SPECIFICATIONS

■ Measurement Range: 32.70Hz (C<sub>1</sub>) - 3951.07Hz (B<sub>7</sub>), 7 octaves ■ Measurement Precision: ± 0.5 cent ■ Indication Resolution: 2 cents (-20 to +20 cents), 10 cents (-50 to +21 cents, +21 to +50 cents) ■ Reference Tones: 65.41Hz (C<sub>2</sub>) - 987.77Hz (B<sub>5</sub>), 4 octaves ■ Calibration Range: A = 438Hz to 445Hz (1kHz steps) ■ Display LEDs: 28 for LED meter (10 cent steps for -50 to -21 cents and +21 to +50 cents, 2 cent steps for -20 to +20 cents), 4 mode display LEDs, 12 note name and calibrated standard pitch LEDs ■ Connection Facilities: INPUT, BYPASS/SOUND OUT, DC 9V IN ■ Power Supply: 1.5V AAA x 2, Optional AC Adaptor (DC 9V) ■ Dimensions: 109 (W) x 69.5 (D) x 17 (H) mm ■ Weight: 123g (including batteries) ■ Supplied Accessories: AAA batteries x 2, Cover stand ■ Options: AC adaptor (DC 9V)

\*Specifications and features are subject to change without notice for further improvement

### KORG EXCLUSIVE DISTRIBUTOR IN ENGLAND

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# KORG

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