NEEDLE METER TUNERS

MT-1200
- Widest 8 octave tuning range (A0 - C8).
- A full range of professional features including temperament presets, programmable temperaments, instrument programs, and more.

AT-12
- Memorizes selected reference tone.

AT-1
- Quickly responds to pitch change through an advanced CPU.
- Flat/Sharp LED aids in pitch indication.

AT-2
- Bypass jack enables tuning during performance.
- Built-in microphone for tuning acoustic instruments.

AT-1 AC
- Full 7 octave tuning range (C1 - B7).
- Integrated external contact microphone.
- Large, easy-to-read display.

LED METER TUNERS

MT-1200
- A tuner with uncompromising accuracy that can measure sound over an 8 octave range.
- 182(W)x100(D)x35(H)mm
- 400g (including batteries)

AT-12
- Automatic 7 octave indication of note, octave and pitch.
- Precision quartz oscillator reference.
- 192(W)x100(D)x37(H)mm
- 425g (including batteries)

AT-1
- Full function auto chromatic tuner with large, easy-to-read meter.
- 147(W)x74(D)x41(H)mm
- 190g (including battery)

AT-2
- Compact auto chromatic tuner with wide 7 octave range.
- 133(W)x76(D)x33.5(H)mm
- 180g (including battery)

AT-3
- Chromatic auto tuner with auto reference calibration and dual tuning functions.
- 123(W)x77(D)x23(H)mm
- 129g (including battery)

KORG tuners set
GUITAR & BASS TUNERS

Designed for guitar and bass. Ideal for use on stage and in the studio.

GT-2
- Compact guitar tuner with special flat tuning mode allows guitarists to easily tune down one half step.
- 133(W) x 67(D) x 33.5(H) mm
- 180g (including battery)

BT-2
- Compact bass tuner with special flat tuning mode allows bass players to easily tune down one half step.
- 133(W) x 67(D) x 33.5(H) mm
- 180g (including battery)

GT-3
- A compact model that features full auto tuning.
- 134.5(W) x 67(D) x 33.5(H) mm
- 112g (including battery)

RACK-MOUNT TUNERS

Rack-mount tuners with comprehensive features and specs from TONEWORKS.

DTR-1
- Oversize easy to read LED meter.
- Auto tuning with three selectable modes: Strobe, Cent, Hz.
- Two tuning inputs to handle tuning of two instruments.
- Built-in microphone is perfect for tuning acoustic instruments.
- 3-octave reference tone.
- Cable check function.

DTR-2
- Rack-mount auto chromatic tuner with large LED meter.
- Full seven octave tuning range.
- Auto reference calibration function can automatically calibrate the tuner to instruments that are not easily tuned.

The new standard in LED rack-mount tuners.

DTR-1
- 482(W) x 114(D) x 44(H) mm
- 1.73kg

DTR-2
- 482(W) x 114(D) x 44(H) mm
- 1.7kg

the world standard for precision, reliability and ease of use.
TUNING: THE KEY TO MUSIC

Every musical instrument possesses its own unique sound and can produce that sound over a specific range of frequencies. This chart illustrates the frequency ranges of a number of popular instruments.

Sound waves are measured in cycles per second or Hertz, a measurement named after Dr. Heinrich Hertz, a 19th century scientist. The more cycles or Hertz (Hz) per second, the higher the frequency and pitch of the sound. Kilo, the metric designation for 1,000, is abbreviated as k and used with Hz for measurements of 1,000 cycles per second (1kHz) and higher.

The A above middle C on the piano is called Concert A or A-440 and is equal to 440 Hz. At each higher octave, the frequency doubles. At each lower octave, the frequency is reduced by half. A at one octave above Concert A is A-880 and A one octave below is A-220.

By measuring the frequency of a sound wave we can determine the pitch of that sound. KORG tuners accurately measure the sound waves created by instruments, whether acoustic or electric, and enable a musician to tune precisely. KORG tuners are available in a wide range of styles and models to fit any need and any budget.

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KORG/TONEWORX TUNER SERIES SPECIFICATIONS

<table>
<thead>
<tr>
<th>MEASUREMENT RANGE</th>
<th>REFERENCE TONES</th>
<th>TUNING MODE</th>
<th>CALIBRATION RANGE</th>
<th>CONNECTIONS</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT-1200</td>
<td></td>
<td>AUTO±50%</td>
<td>A±390Hz-470Hz (5Hz steps)</td>
<td>INPUT, PHONES, DCB IN</td>
<td>4 x AAA battery, AC adapter, Carrying case</td>
</tr>
<tr>
<td>AT-12</td>
<td></td>
<td>AUTO FAST/SLOW</td>
<td>A±430Hz-450Hz (Continuously adjustable)</td>
<td>INPUT, BYPASS, EARPHONE, DCB IN</td>
<td>4 x AA battery, AC adapter</td>
</tr>
<tr>
<td>AT-1</td>
<td></td>
<td>AUTO</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>AT-2</td>
<td></td>
<td>AUTO</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>AT-1 AC</td>
<td></td>
<td>AUTO MANUAL</td>
<td>A±410Hz-420Hz (1Hz steps)</td>
<td>INPUT, BYPASS, SOUND OUT, DCB IN</td>
<td>4 x AA battery, Soft case, Earphone</td>
</tr>
<tr>
<td>DTM-12</td>
<td></td>
<td>AUTO MANUAL</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>2 x AAA battery, AC adapter, Cover stand</td>
</tr>
<tr>
<td>DT-1</td>
<td></td>
<td>AUTO</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>DT-2</td>
<td></td>
<td>AUTO</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V), Soft case</td>
</tr>
<tr>
<td>DT-3</td>
<td></td>
<td>AUTO MANUAL</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>GT-2</td>
<td></td>
<td>AUTO MANUAL</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>GT-3</td>
<td></td>
<td>AUTO MANUAL</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>BT-2</td>
<td></td>
<td>AUTO MANUAL</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>DTR-1</td>
<td></td>
<td>AUTO STROBE</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
<tr>
<td>DTR-2</td>
<td></td>
<td>AUTO CENT</td>
<td>A±430Hz-445Hz (1Hz steps)</td>
<td>INPUT, BYPASS</td>
<td>Battery 006P (3V)</td>
</tr>
</tbody>
</table>

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