

KORG TUNER SERIES

People and Technology in Harmony

KORG

DTM-12 DIGITAL TUNER METRONOME

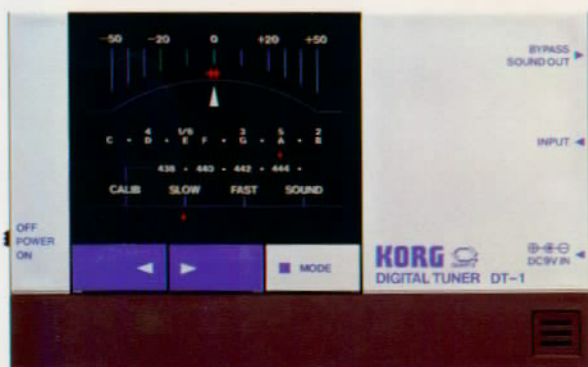
The World's Most Advanced Digital Tuner is Also a Metronome. Also Valuable for Ear and Vocal Training.

A newly developed LED meter eliminates the errors caused by friction in mechanical needle-type meters. A new green LED marks the center "tuned" position for improved visual confirmation. The meter itself is larger too, making it easier to read. Meanwhile, an illuminated LCD readout uses numbers and symbols to show more information, including the note name, octave, calibration setting, metronome tempo, and metronome beat. Both automatic and manual tuning are possible. Advanced detection circuitry helps maintain accu-



rate response under difficult conditions. Can be used for monophonic instruments and voice training as well as conventional tuning. Produces a tone at the precise pitch of your choice over a four octave range. In the metronome mode you have a choice of 0 to 9 beats to the bar and tempos of from 40 to 208 beats per minute. The metronome sound is a

PCM digital recording so it sounds as real as life. To deal with the broadest spectrum of instruments, the tuner covers a range of seven octaves and can be calibrated to a pitch reference over a range of 410 to 420Hz or 430 to 450Hz in 1Hz increments. Never has a tuner offered such versatile performance in such a reliable and easy-to-use format.



DT-1 DIGITAL TUNER

Digital Precision in a Cassette Size Package. The Fully Automatic Tuner with 7-Octave Range.

About the size of a cassette tape case, the DT-1 is an ultra-compact auto-chromatic tuner with digital measurement and LED readout. The DT-1 auto-

matically shows the name of the note played in any octave. There's no need to take your hands (and mouth, in the case of woodwinds and brass) off the instrument. Its LED meter is easy to read like needle-type meters. Quartz referenced digital circuitry precisely determines pitch over a full 7 octaves, from contrabass to piccolo. For ear training, the DT-1 will produce any note over a 4 octave range (with an amp, etc.) Slow or fast response is selectable for optimum results with different instruments. Can be calibrated for any standard between 438Hz and 445Hz. Also has a bypass function and battery down indication.

AT-12 AUTO CHROMATIC TUNER

Automatically Shows Note Name and Octave Number while Giving Meter Indication of Pitch with Quartz Precision.



The AT-12 is an automatic chromatic tuner for use with any instrument. It automatically detects which note is being played, displays the name of the note and its octave number through a 7-octave range, and indicates pitch on a quartz referenced meter. This cuts down tuning time particularly with wind instruments and is a valuable pitch training tool. Can be easily calibrated to any reference from A4=430Hz to 450Hz and will generate any desired reference tone. Memory is protected when power is switched off. Also has bypass jack and meter illumination.

GT-60X GUITAR TUNER

Ultra-Compact Quartz Tuner with Bypass Jack and 2-Way Power Supply

Everything you want in a guitar/bass tuner in a super compact package. Quartz Crystal oscillator controlled for highest accuracy and reliability. Bypass jack lets you plug into an amp without disconnecting the tuner. Runs on AC or battery. Locking meter lamp makes it easy to read under dim stage lighting. The GT-60X is convenient to use and offers excellent cost/performance in the Korg tradition.



PROGRAMMERS



RP-100 RHYTHM PROGRAMMER

An Electronic Notepad for Your Rhythm Ideas. Easy to Use and Capable of Complex Pattern Reproduction. Includes Reference Tone Generator for Tuning.

More than a metronome, the RP-100 is a new tool for rhythm creation and training. It's programmable so you can combine notes, rests, and accents to compose exactly the pattern you need. In-



MP-100 MUSIC PROGRAMMER

Compose Music Wherever You Are. Holds Sequences of up to 512 Notes for Automatic Playback. Works as a Monophonic Sequencer with MIDI. Large LCD Display.

Program your original ideas. Transcribe written music. It's easy on this compact

512-note sequencer with MIDI and SYNC compatibility. You write in a "step" at a time, while selecting pitch, note (or rest) length, ties slurs, and other options. Program contents can be deleted, added, and corrected as needed. For playback you can select from two kinds of attack for the note envelope and add a metronome sound. Able to control a MIDI synthesizer and synchronize with a MIDI drum machine. Ordinary sync output is also provided for control of the DDM-110/220 and other non-MIDI units. A key transpose function lets you freely adjust the pitch. An incredible new tool for composing, arranging, teaching and studying music.

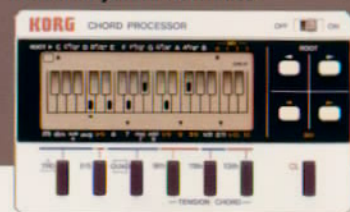
PROCESSORS



Shows Virtually Any Chord with Inversions on Keyboard, Guitar Fingerboard, or Written Score—Three Types to Choose From.

CPK-01 CHORD PROCESSOR

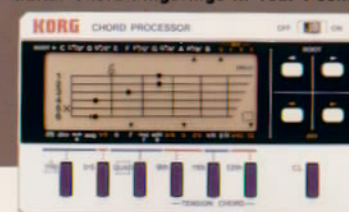
Instant Keyboard Reference



The Korg Chord Processor is a pocket-sized chord reference that comes in three types—the CPK-01, CPG-01, and CPS-01. Press one button to select the chord's root, another to choose the kind of chord. The displays show the chord fingering on a keyboard, seven frets of a

CPG-01 CHORD PROCESSOR

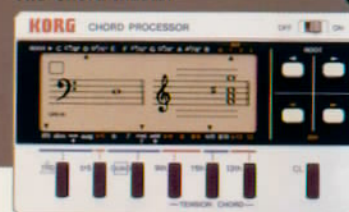
Guitar Chord Fingerings in Your Pocket



guitar, or on a musical score. The basic 16 types of chords displayed are: major, m, dim, sus4, b5, 6th, 7th maj7th, add9th, b9th, 9th, #9th, #11th, #11b, b13th, and 13th. Complex 9th, 13th, and 11th tension chords can also be displayed. The chord forms are practical

CPS-01 CHORD PROCESSOR

The Chord Master



ones not usually found in chord books. Frequently used chords are displayed with inversions. You play more effectively and you learn chord theory in the process. The Chord Processors will even reveal the flaws in "impossible" combinations.

SPECIFICATIONS

DTM-12 ■ MEASUREMENT RANGE: C₁ (32.7Hz) to B₇ (3951.07Hz) @A₄=440Hz 7 octaves ■ MEASUREMENT PRECISION: ±0.5 cent ■ INDICATION RESOLUTION: 2 cents (-20 to +20 cents), 5 cents (-50 to -21 cents, +21 to +50 cents) ■ REFERENCE TONES: C₁ (65.41Hz) to B₇ (987.77Hz) @A₄=440Hz 4 octaves ■ SOUND OUTPUT PRECISION: ±1 cent ■ CALIBRATION RANGE: A₄=410 to 420Hz, A₄=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 9V IN ■ POWER SUPPLY: AA batteries x 4, AC adaptor (DC 6V) ■ DIMENSIONS: 188(W) x 104(D) x 27(H)mm ■ WEIGHT: 384g (including batteries) ■ ACCESSORIES: AA batteries x 4, AC adaptor (DC 6V), Soft case, Earphone

DT-1 ■ MEASUREMENT RANGE: C₁ (32.7Hz) to B₇ (3951.07Hz), 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: C₁ (65.41Hz) to B₇ (987.77Hz), 4 octaves ■ CALIBRATION RANGE: A=438Hz to 445Hz (1Hz 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 ■ CONNECTIONS: INPUT, BYPASS/SOUND OUT, DC 9V IN ■ POWER SUPPLY: AAA batteries x 2, AC adaptor (DC 9V) ■ DIMENSIONS: 109(W) x 69.5(D) x 17(H)mm ■ WEIGHT: 123g (including batteries) ■ ACCESSORIES: AAA batteries x 2, Cover stand ■ OPTIONS: AC adaptor (DC 9V)

AT-12 ■ METER: Pitch indication (-50 to +50 cents), Calibration indication (430-450Hz), Battery check line ■ MEASUREMENT RANGE: C₁ (32.70Hz) to B₇ (3951.07Hz), 7 octaves ■ MEASUREMENT PRECISION: (4 octaves) Better than ±1 cent ■ REFERENCE TONES: C₁ (-2 octave) to B₇ (+1 octave) ■ CALIBRATION RANGE: A=430Hz-450Hz (continuously adjustable) ■ DISPLAY LEDS: Chromatic display LEDs x 12 [C, C# (D♭), D, D# (E♭), E, F, F# (G♭), G, G# (A♭), A, A# (B♭), B] Octave display LEDs x 7 [-3, -2, -1, 0, +1, +2, +3], Power indicator LED x 1 ■ CONNECTIONS: INPUT, BYPASS, EAR (earphone), DC 9V IN ■ METER NEEDLE ADJUSTMENT: 0 ADJ screw ■ POWER SUPPLY: AA batteries x 4, AC adaptor (DC 6V) ■ DIMENSIONS: 192(W) x 100(D) x 37(H)mm ■ WEIGHT: 425g (including batteries) ■ ACCESSORIES: Earphone, AA batteries x 4, AC adaptor, Soft case

GT-60X ■ NOTES: 6E (82.41Hz), 5A (110.00Hz), 4D (146.83Hz), 3G (196.00Hz), 2B (246.94Hz), 1E (329.63Hz) ■ METER: -50 to +50 cents, Battery Check, Meter lamp ■ TUNING RANGE: Within 1 octave above and below each position ■ MEASUREMENT PRECISION: Quartz deviation within ±0.25 cents ■ POWER SUPPLY: Battery (006P 9V), AC adaptor (DC 9V) ■ DIMENSIONS: 107(W) x 61(D) x 33(H)mm ■ WEIGHT: 120g net, 155g with battery

RP-100 ■ TONE SOURCE: Metronome Tone (HIGH/LOW), Program Tone/Swing Tone ■ BUTTONS: MODE Buttons (METRONOME, STEP WRITE, CHAIN PLAY, SWING), SELECT Buttons (Time Signature: 1/2, 3/4, 2/4, 3/8, 2/8, 1/8, 1/16, 3/16, 1/4, 1/8, 1/16) (Note and Note Combinations: ♩, ♪, ♫, ♬, ♪♩, ♫♩, ♬♩, ♪♩♩, ♫♩♩, ♬♩♩), (Swing Percent: 50%, 63%, 65%, 67%, 69%, 73%, 75%, 77%)], DIVIDER/REST (HOLD) Button: SELECT, TAP/STEP UP, ENTER/TUNING Button: Data input, Tuning function (Standard Tuning Tone (A-440Hz) ON or OFF), TAP/STEP UP Button: Step up (STEP WRITE Mode), Manual tempo set, CLICK (Metronome tone ON/OFF) ■ TEMPO: TEMPO UP/DOWN Buttons (J=40-208) ■ START/STOP: START/STOP Button ■ LED'S: TEMPO INDICATOR ■ DISPLAY PANEL: Tempo display, Time Signature display, DIVIDER Function display, Step no. display, Click ON/OFF display, Note type display, Accent display, Swing Percent display, Beat Count display ■ VOLUME CONTROL: MIN-MAX ■ SWITCHES: Power on, TAP/SYNC Switch ■ CONNECTIONS: TAP IN/SYNC OUT, DC IN, PHONES ■ SPEAKER & AMPLIFIER: Output (200mW) ■ POWER SUPPLY: AA batteries x 4, AC adaptor (DC 9V) ■ DIMENSIONS: 190(W) x 81(D) x 28(H) mm ■ WEIGHT: 380g ■ ACCESSORIES: AA batteries x 4 ■ OPTIONS: AC adaptor, TAP adaptor TA-100

MP-100 ■ TONE SOURCE: PLAY sounds (I, II), Metronome sounds (HIGH, LOW) ■ BUTTONS: MODE Buttons (PLAY I, PLAY II, WRITE, EDIT), SELECT Buttons (Note value, Pitch, Accidentals (♭, ♯, ♮)), REST Button (Specifies rests), ENTER Button (Data input), MEAS END Button (Measure line input), CLICK Button (Metronome ON/OFF), MEAS Button (Measure up/down), STEP Button (Step up/down), REP Button (REPLACE function), INS Button (INSERT function), DEL Button (DELETE function), Key Transpose (Key transpose function (-12 to 0 to +12)), ESCAPE Button (EDIT mode exit), RESET Button (All-clear function) ■ TEMPO: TEMPO UP/DOWN Buttons (J=40-208) ■ OCTAVE: OCTAVE UP/DOWN Buttons ■ START/STOP: START/STOP Button ■ LED'S: TEMPO INDICATOR ■ DISPLAY PANEL [Tempo, Step number, Measure number, Measure line, Key transpose, Note Length (Rest LENGTH), Insert/Delete, Pitch, Accidentals (♭, ♯), Click On/Off] ■ VOLUME CONTROL: KNOB: MIN-MAX ■ SWITCHES: POWER ON, MIDI OUT/SYNC OUT Switch ■ CONNECTIONS: MIDI/SYNC terminal (SP-DIN), DC 9V IN, PHONES ■ SPEAKER & AMPLIFIER: Output (200mW) ■ POWER SUPPLY: AA batteries x 4, AC adaptor (DC 9V) ■ DIMENSIONS: 190(W) x 81(D) x 28(H)mm ■ WEIGHT: 380g ■ ACCESSORIES: AA batteries x 4 ■ OPTIONS: AC adaptor, MIDI cable (7-10-12m), SYNC/MIDI cable (1.5-3.5m)

CHORD PROCESSORS ■ DISPLAY: 3-octave keyboard (CPK-01), Guitar frets (CPG-01), Treble and bass staves (CPS-01): Basic and inverted chords (1st-3rd inversions displayed), Root, Chord type, Remark and inversion indices ■ ROOT KEYS: Up/down ■ INVERSION KEYS: Up/down ■ CHORD TYPE KEYS: Triad (m, b5, sus4, aug and major); flat five (b5); Quadriplet (6, 7, maj7 and add9); 9th (b9, 9 and #9); 11th (11th and #11th); 13th (b13th and 13th) ■ CLEAR KEY ■ POWER SWITCH ■ POWER SUPPLY: Alkaline manganese batteries—LR44 or SR44 (DC 1.5V) x 2 ■ CONTINUOUS OPERATION TIME: Approx. 3,000 hours (with LR44) ■ POWER CONSUMPTION: 135mW ■ DIMENSIONS: 102(W) x 64(D) x 13(H)mm ■ WEIGHT: 70g

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

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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.



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