



KORG[®]
ELECTRONIC
MUSICAL
INSTRUMENTS

Volume 8



Keith Emerson

The man who put the synthesizer in rock, as heard in the sound of Emerson Lake & Palmer. What would today's keyboard music be like if Keith had never touched a synthesizer? His grand concerts and bold fusion of classical and jazz styles have influenced and inspired a generation. After creating the sound track for the movie *Inferno*, Keith is now taking more steps into the sound of tomorrow.

Keith Emerson

We Put It

Rick Wakeman

The man behind the sound of Yes. Brought the orchestral ensemble to rock. His melodic, classical arrangements helped create a whole style of multi-keyboard playing. Having recently put *1984* to music and completed a world tour, Rick is about to take several more exciting steps into the musical future.



All Together



*Super engineering. Innovative technology.
Unmatched, Highest quality construction.
And The Rich original sound of
KORG-The sound that's in
demand by today's leading artists and composers.
KORG...We put it all together.*

KORG®

PS-3200

PROGRAMMABLE POLYPHONIC SYNTHESIZER



The World's Only Professional Completely Polyphonic Synthesizer with Patching System and Programmable Tone Color Memory.

This programmable polyphonic synthesizer has a built-in computer memory that can store up to sixteen original sounds that you create on the front panel.

Tone colors synthesized by 32 different knob settings are memorized and stored semi-permanently even when the power is turned off. Temporary readjustment of recalled sounds is possible by simply pulling out on the appropriate control knobs.

Plentifully equipped with every type of module including modulation generators and sample & hold, this advanced unit also has a patch panel that lets you route signals in any way you like, to create every type of effect imaginable.

Each voice has two signal sources, plus there is a 7-element equalizer, and ensemble effect for even greater expressive versatility. The temperament adjust controls permit tuning to other keyboards, other instruments and other scales.

For the live stage or the studio, no other polyphonic synthesizer comes close to the complete facilities and musical perfection offered by the Korg PS-3200.

SPECIFICATIONS •SYNTHESIZER UNIT• •SIGNAL GENERATORS-1: Temperament Adjust×12, Waveform (△, ▽, PWM, PW), Scale (16', 8', 4', 2') Scale Modulation Input, PWM Input •SIGNAL GENERATORS-2: Temperament Adjust×12, Waveform (△, ▽, PWM, PW, OFF), Scale (16', 8', 4', 2'), Fine Tuning (±100 Cents), External FM Intensity, FM Input, Scale Modulation Input, PWM Input •SG-1+2 TOTAL CONTROL: Total Tuning (±100 Cents), PWM Speed, PWM Intensity, Internal FM Intensity, External FM Switch, External FM Reverse Switch, External FM Intensity, FM Input •DYNAMIC LOWPASS FILTERS: Cut-off Frequency, Peak, Keyboard Filter Balance, Expand, Internal fcm Intensity, External fcm Switch, External fcm Intensity, fcm Input •ENVELOPE MODIFIERS: Attack Time, Decay Time, Sustain Level, Release Time, A.T Control Input, Release Switch Input •EQUALIZER (125, 250, 500, 1 k, 2 k, 4 k, 8 kHz) •TOTAL SIGNAL MODIFIERS: Keyboard Volume Balance, AM Intensity (0~200%), Ensemble Depth, Preset Volume, VCA-1 Control Input, VCA-2 Control Switch •SAMPLE & HOLD: Clock Frequency, Synchro Switch, Clock Indicator, S/H Input, S/H Output, Trigger Input, Clock Output •MODULATION GENERATOR-1: Waveform (△, ▽, △', ▽', Π, Pink Noise, White Noise), Frequency, Frequency Indicator, Frequency Control

Input, MG-1 Output •MODULATION VCA: Modulation Balance (S/H~MG-1), VCA Control Input •MODULATION GENERATORS-2 (△): Frequency, Frequency Indicator, MG-2 Output •GENERAL ENVELOPE GENERATOR: Delay Time, Attack Time, Release Time, Auto Switch, Trigger Inputs×2, Envelope Outputs×3 •VOLTAGE PROCESSORS×2: Limiter A, Limiter B, VP-2 Input Selector, Voltage Inputs×2, Controller Inputs×2 VP Output •ADDING AMPLIFIERS: Level-1, 2, Input-1, 2, A. A Output, A. A Reverse Output •VOLUME: Direct, Headphone, Final •SIGNAL OUTPUT: Direct Headphone, Final •JUNCTIONS: (3×2) •PROGRAMMER UNITS• •PROGRAM: 1~16, Cancel/Set, Write, Memory Protection Switch, Battery Indicator, Backup Battery Case •REMOTE CONTROL: Program Select, Remote Jacks×8, 60P Jack •IMPEDANCE (Input): Digital Input 1 kΩ, Analog Input 10 kΩ •IMPEDANCE (Output): Modulation Signal Output 1 kΩ, Signal Output 2.5 kΩ, Headphone Output 200 Ω •OTHERS: 60P Jack (Keyboard), Power Switch, Lamp, Power Connector, Power Selector (100 V, 117 V, 220 V, 240 V) •DIMENSIONS: 920 (W)×445 (H)×345 (D) mm •WEIGHT: 30 kg •ACCESSORIES: Patch Cords=50 cm×4, 1m×2, Connection Cord, AC Cord=3m×1 •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Memory Protection=Dry Battery (AM-3×2, 3 V), Wattage (75 W)



PS-3010

POLYPHONIC KEYBOARD

Complete with Multiple Remote Control Capability.

PS-3060

PROGRAMMER REMOTE CONTROLLER

For Remote Control of the PS-3200 Programmer.

SPECIFICATIONS •KEYBOARD: F~E, 48 Keys, 60P Jack, Connection Indicator
 •XY MANIPULATOR: Joy-Stick X Off-set, Y Off-set, X-Output, Y-Output
 •MOMENTARY SWITCH: Push Switch, Switch Output
 •MANUAL SWITCH: Slide Switches×3, Switch Outputs×3
 •KEYBOARD TRIGGER: Keyboard Trigger Selector, Trigger Outputs (3 Modes)
 •DIMENSIONS: 1005 (W)×125 (H)×261 (D) mm •WEIGHT: 7 kg
 •ACCESSORIES: Patch Cords=1 m×1, 2 m×2, 60P Connection Cable (PS-3001)=2 m×1



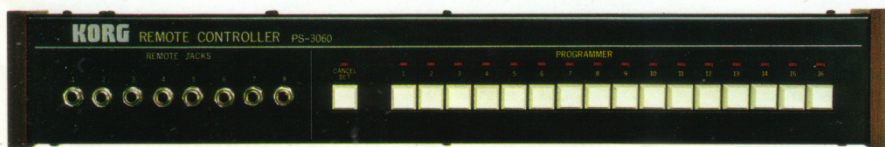
PS-3040

DUAL FOOT CONTROLLER

Ideal for Live Performance.



SPECIFICATIONS
 •CONTROL PEDAL×2: Control Outputs (+5 V~ -5 V)×2
 •FOOT SWITCHES×2: ON Switches×2, OFF Switches×2
 •DIMENSIONS: 255 (W)×79 (H)×270 (D) mm •WEIGHT: 3.3 kg •ACCESSORIES: DIN Cord=3 m×2, Connecting Cord=3 m×2



SPECIFICATIONS •Program Select×16, Cancel×1 •Remote Jacks×8 •DIMENSIONS: 579 (W)×61 (H)×104 (D) mm
 •WEIGHT: 2 kg •ACCESSORIES: 60P Connection Cable

KORG TRIDENT

PERFORMING KEYBOARD



8-Voice Polyphonic Synthesizer with Programmable Multi-Memory Plus Complete Brass and Strings Ensemble Sections.

The new Korg Trident is a super polyphonic ensemble composed of an 8-voice programmable polyphonic synthesizer with versatile brass and strings sections.

Up to 16 different polyphonic synthesizer tone color program settings can be memorized for instant recall at the press of a button. Besides these you also have presets for the frequently used piano, electric piano and "clavi" sounds. The versatile brass section is equipped with VCF, envelope generator and other modules so it can be used as an auxiliary polyphonic synthesizer as well as for more conventional brass effects.

In the strings section, you have the very handy "bowing effect", along with ensemble, vibrato and an equalizer. You can also vary the attack and release times to option the precise effect you have in mind.

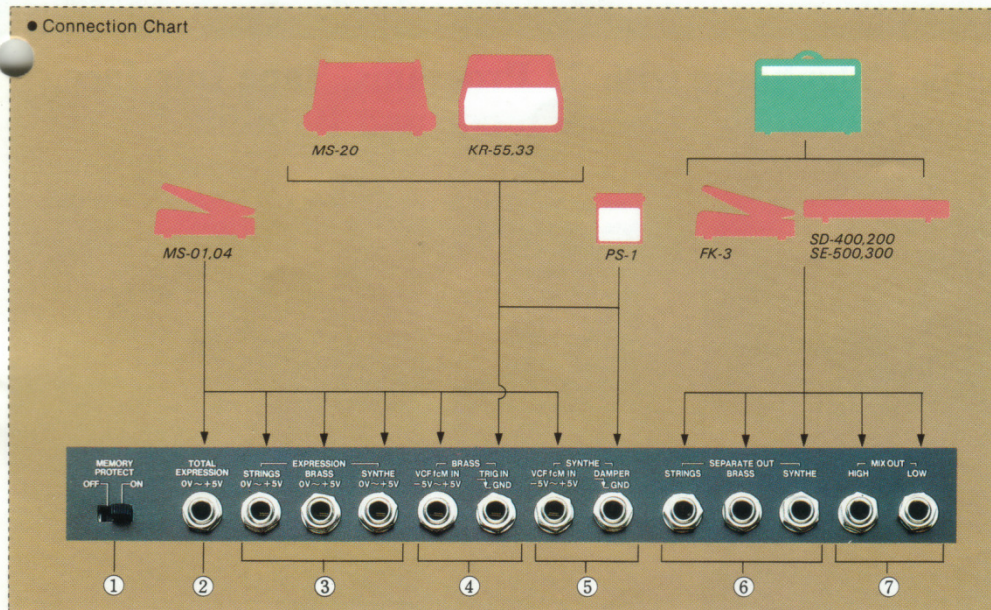
Another great and unusual feature of the Trident is the "keyboard split" capability that gives you for example two octaves of synthe-bass at the bottom, and three octaves of strings and brass at the high end of the keyboard. In other words you can play on one keyboard what would usually require two. For even more variety and added depth, you can use the flanger to generate powerful flanging, phase shift and chorus effects. When you try the incredible Trident, you'll discover that it's more than having several keyboards in one—this advanced instrument is designed specifically to provide everything demanded in a live-performance keyboard.

SPECIFICATIONS •KEYBOARD: C~C, 61 Keys, 8 Voices •SYNTHESIZER SECTION: Bracketed facilities are programmable •VCO-1: Scale (16', 8', 4'), Waveform (A, B, C, PW, PWM), PW/PWM Intensity, PWM Speed •VCO-2: Scale (OFF, 16', 8', 4'), Waveform (A, B), Detune •VCF: Cut-off Frequency, Resonance, EG Intensity, KBD Track (Off, Half, Full) •VCA: EG Mode (A, B, C) •ENVELOPE GENERATOR: Attack, Decay, Sustain, Release •VCO-2: Detune Memory (On/Off) •ENVELOPE GENERATOR: Solo Release (On/Off) •PROGRAMMER: 16: Program Select (1~8), Bank Select (A, B), Manual, Write, Memory Protect (On/Off) •PRESET: 3: Piano-1, Piano-2, Clay •MIXER: Output (On/Off), Volume •BRASS SECTION: •SCALE: 3: 16', 8', 4' •ENVELOPE GENERATOR: Attack, Release •EQUALIZER: High, Low •EFFECT: Bowing (On/Off, Level, Tone), Vibrato (On/Off, Delay Time, Intensity, Speed), Ensemble (On/Off) •FILTER: KBD Balance •MIXER: Output (On/Off), Volume •TOTAL CONTROL SECTION:

•KEY ASSIGNER: Assign Mode (1, 2) •KEYBOARD SPLIT: Synthe (L, L+H, H), Brass (L, L+H, H), Strings (L, L+H, H) •PITCH CONTROL: Tune (±100 Cents) •VIBRATO: Delay Vibrato (On/Off), Intensity •JOY STICK: Pitch Bend (Y-Axis), Vibrato Depth/Trill Depth (X-Axis), Intensity, Speed •FLANGER: Select (Synthe, Brass, Strings), Manual, Intensity, Feedback, Speed •VOLUME CONTROL: Total Volume, Headphone Volume •POWER SWITCH: Power (On/Off) •INPUTS & OUTPUTS •OUTPUTS: Mix Outputs×2 (High, Low), Separate Outputs×3 (Synthe, Brass, Strings), Headphones Output (stereo) •INPUTS: Synthe VCF fM In (-5 V~+5 V), Damper (A), Brass VCF fM In (-5 V~+5 V), Brass Trigger In (A), Total Expression (0~+5 V), Separate Expressions×3 (0~+5 V) •DIMENSIONS: 1012 (W)×52 (H)×524 (D) mm •WEIGHT: 21 kg •ACCESSORIES: Connection Cord, Dust Cover, Foot Switch PS-1 •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (41 W)



● Connection Chart



- ① Protects synthesizer program memory from accidental erasure.
- ② Input jack for volume pedal control of entire keyboard's output level (using MS-01, 04 or other foot pedal).
- ③ Input jacks for independent volume pedal control of each section's volume. (Using MS-01, 04, etc.)
- ④ Jack for foot pedal control of brass section tone color (using MS-01, 04, etc.). Trigger signal input jack for external control (via drum machine, sequencer, etc.) of brass timing.
- ⑤ Synthesizer section VCF cut-off frequency modulation input (via MS-01, 04, etc.). Foot switch input for damper control (via PS-1), etc.)
- ⑥ Separate output jacks for each section.
- ⑦ Mixed outputs. High is for PA mixer or audio system. Low is for a musical instrument amp.

KORG POLYSIX

PROGRAMMABLE POLYPHONIC SYNTHESIZER

NEW



6-Voice Programmable Polyphonic with 32 Programs, Tape Interface, Programmable Chorus/Ensemble, Unison mode and Built-in Arpeggiator.

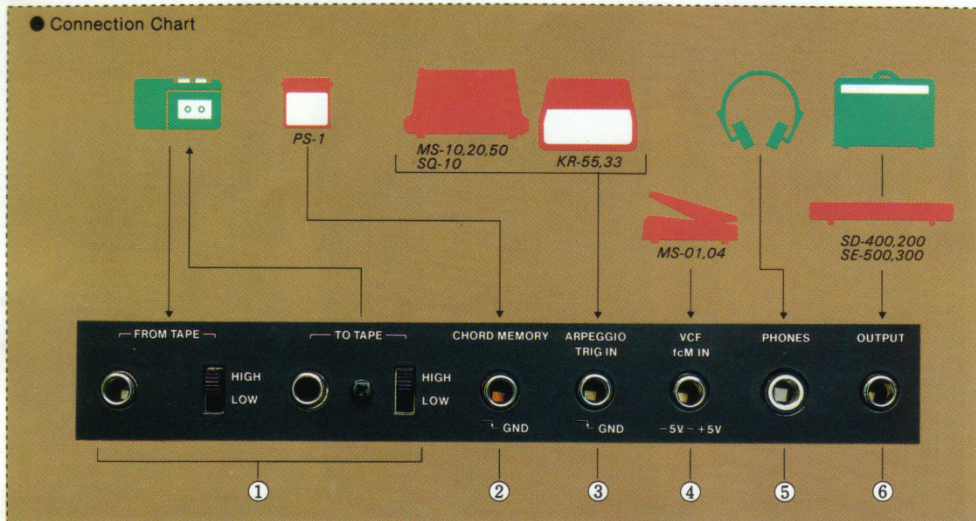
A new highly advanced 61-key, 6-voice Programmable Polyphonic synthesizer with features and sounds normally found in instruments more



than double its cost, the new lightweight Korg Poly-Six allows the first-time synthesizer user, as well as the experienced professional, to "step-up" to the convenience and flexibility of programmable polys. The Poly-six features 32-program memory for instant sound recall, Full Edit capabilities allows you to temporarily alter programs while playing, to make permanent memory changes and to freely move programs about in memory. Rapid 8 second Cassette Interface allows unlimited additional program storage, for creating program libraries; and, with "Verify" mode, your time spent in creating programs is protected from loss. The synthesizer section is equipped with VCOs featuring Sub-Octaves and PWM for fullest sounds, newly developed 24 dB/Oct VCFs, plus programmable Modulation and Effects sections, which adds variable Chorus/Phase/Ensemble effects to any sounds desired. The Polysix can also be played in Unison for incredible lead synthesizer sounds. Hold and Chord Memory functions create exciting "layered" sounds, and the full featured Arpeggiator memorizes and sequences chords in one octave or across the entire keyboard. Even if you have never played a synthesizer before, the new easy-to-use Korg Polysix offers you the incredible sounds of polyphonic programmable synthesizers at an unheard-of price.

SPECIFICATIONS •KEYBOARD: 61 Keys (C~C) •VOICES: 6; Program and edit functions are possible for items in brackets, [•VCO: Octave Selector (16', 8', 4'), Waveform (1, PW, PWM), Pulse Width/PWM Sensitivity Adjustment, PWM Speed •SUB-OSCILLATOR: Off, 1oct Down, 2oct Down •VCF: Cutoff Frequency Adjustment, Resonance Adjustment, Envelope Generator Modulation Sensitivity Adjustment, Keyboard Tracking Adjustment (0~150%) •ENVELOPE GENERATOR: Attack Time, Decay Time, Sustain Level, Release Time •VCA: Mode Switch (EG, □), Attenuator (-10dB~+10dB, 11-Steps) •MODULATION GENERATOR: Frequency, Delay Time, Level, Modulation (VCO, VCF, VCA) •EFFECT: Mode (Off, Chorus, Phase, Ensemble), Speed/Sensitivity Adjustment] •KEY ASSIGN MODE: Poly, Unison, Chord Memory, Hold •ARPEGGIATOR: Speed, (0.2~20Hz), Range (Full, 2oct, 1oct),

Mode (Up, Down, Up/Down), Latch (On/Off), Arpeggio (On/Off) •TUNE: ±50 Cents •BEND: Sensitivity Adjustment (MAX ±800 Cents) •OUTPUT: Level Selector (Off, Low, High), Volume •PROGRAMMER: Bank (A, B, C, D), Program (1~8), Write (Enable, Disable) •TAPE INTERFACE: Switch (Enable, Disable), To Tape, From Tape, Verify, Error/Cancel, Tape Indicator×2 (Found, Loading) •CONTROL WHEEL×2: Bend, MG •INPUT JACKS: From Tape (With High/Low Switch), Chord Memory (1_{off}), Arpeggio Trigger In (1_{off}), VCF fcM In (-5V~+5V) •OUTPUT JACKS: To Tape (With High/Low Switch), Headphone, Output •DIMENSIONS: 980 (W)×373 (D)×132 (H) mm •WEIGHT: 11.5kg •ACCESSORIES INCLUDED: Connection Cord, Plug Adaptor (Phone-To-Mini), Memory Cassette •POWER CONSUMPTION: Voltage (Local Voltage 50/60Hz), Wattage (25 W)



- ① Tape interface input and output jacks. Connect to tape deck's recording and playback jacks.
- ② For foot switch activated chord memory operation.
- ③ Input jack for external control of arpeggio timing, using sequencer, rhythm machine, etc.
- ④ For external control of VCF cutoff frequency using modulation pedal or other signal source. Creates variation in tone color.
- ⑤ Stereo headphone jack.
- ⑥ For connection to amp or mixer.

KORG ^{NEW} MONO/POLY

4VCO SYNTHESIZER

4-VCO Computer-Controlled Lead Synthesizer. Playable Monophonically and Polyphonically. With Arpeggiator, Pre-settable Sync and Cross-Mod Effects and Chord Memory.

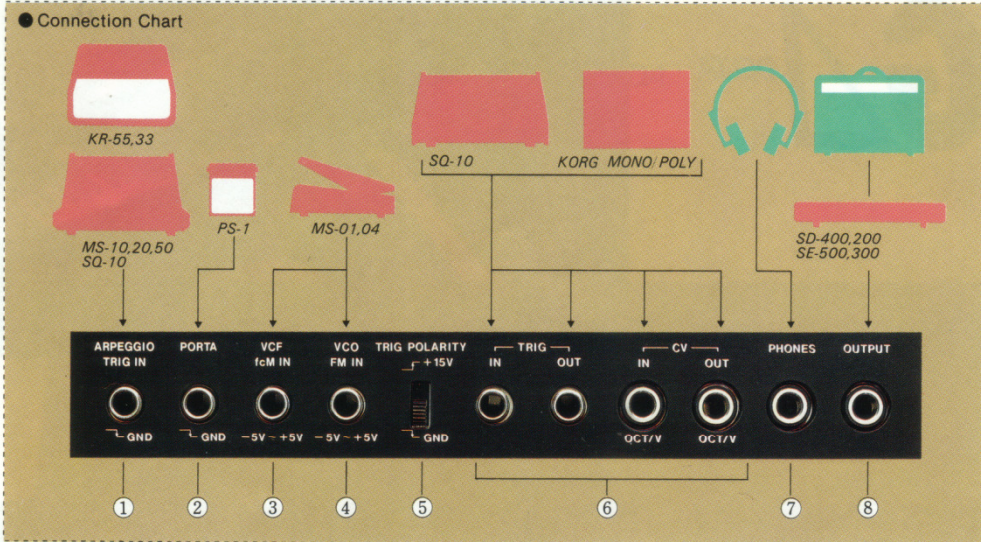
Designed for stunning lead synthesizer sounds as well as polyphonic playing, the new Korg Mono/poly is a 4-VCO computer-controlled synthesizer equipped with an array of advanced, performance-oriented features and effects unavailable in any competing units. The Korg Mono/poly offers three different Keyboard Assign modes: Unison, for fattest 4-VCO lead sounds; Poly, for 4-note polyphonic capabilities; and Unison/Share which automatically switches between Unison and Poly modes by sharing VCOs among the notes played. Also features versatile Hold and Chord Memory functions, which turns intervals and chords into incredible "layered" soloing sounds. The full featured Arpeggiator offers three different patterns, three octave extensions and a unique "Latch" mode which automatically memorizes and sequences chords played at any speed desired. Each VCO features independent Octave, Waveform and Level controls, for ultimate flexibility. The newly developed 24 dB/oct VCF offers continuously variable keyboard tracking (0-150%) and forward/reverse enveloping from its own independent ADSR generator. Two separate Modulation Generators allow the user to set up two modulations at once. Ant the "human engineered" Effects Section features "One-Touch" presettable Sync and Cross-Mod effects, along with Polyphonic Portamento, for the most explosive sounds capabilities. All in all, there has never been a more versatile and exciting lead synthesizer ever created, offering a virtual "Mono/poly" on incredible sounds, than the new low-priced Korg Mono/poly lead synthesizer.

SPECIFICATIONS • KEYBOARD: 44 Keys (F~C) • VCOx4: Waveform (A, N, PWM, PW) Octave Selector (16', 8', 4', 2'), Level, Tuning (Master Tune x1, ±50 Cents Or More, Tune X3, ±50 Cents or More) VCF: Cutoff Frequency Adjustment, Resonance Adjustment, Envelope Generator Modulation Sensitivity Adjustment, Keyboard Tracking (0~150%) • VCF EG: Attack Time, Decay Time, Sustain Level, Release Time • VCA EG: Attack Time Decay Time, Sustain Level, Release Time • NOISE (White Noise): Level • TRIGGER MODE: Single, Multiple • AUTO DAMP: On, Off • MG-1: Waveform (A, N, A, P) Frequency (Below 0.1Hz to above 20Hz) • MG-2: Waveform (A) Frequency (Below 0.1Hz to above 30Hz) • PWM: Sensitivity Adjustment, Mode (VCF EG, MG-1, MG-2) • PW: Pulse Width Adjustment • PORTAMENTO: Time Adjustment • DETUNE: VCO4 (-35~+35) when VCO2 is (+35~-35) • TRANSPOSE: Up, Normal, Down • EFFECT: On, Off, Mode (Synchro, Cross-Modulation, Synchro+Cross-Modulation), Connection

(Single, Double), Frequency Modulation (VCF EG, MG-1), Frequency Modulation Sensitivity Adjustment, Cross-Modulation sensitivity adjustment • KEY ASSIGN MODE: Poly, Unison/Share, Unison, Chord Memory, Hold • ARPEGGIATOR: Range (Full, 2oct, 1oct), Mode (Up, Down, Up/Down), Arpeggio (Off, On, Latch) • WHEELx2: Bend (Sensitivity adjustment, VCO1/Slave VCO, Pitch, VCF) MG-1 (Sensitivity Adjustment, VCO1/Slave VCO, Pitch, VCF) • OUTPUTS: Level Selector (Off, Low, High), Volume • INPUT JACKS: Arpeggio Trigger In (100V), Portamento (100V), VCF fcm In (-5V~+5V), VCO FM In (-5V~+5V), Trigger In, CV In (Oct/V) • OUTPUT JACKS: Trigger Out, CV Out (Oct/V), Headphone, Output • TRIGGER POLARITY SWITCH: 100V, 75V • DIMENSIONS: 744 (W) x 450 (D) x 144 (H) mm • WEIGHT: 12kg. • ACCESSORIES: Connection Cord, Sound Sample Tape • POWER CONSUMPTION: Voltage (Local Voltage 50/60Hz), • Wattage (28W)



● Connection Chart



- ① Input jack for external control of arpeggio timing, using sequencer, rhythm machine, or other synthesizer.
- ② For foot switch operated portamento on/off switching.
- ③ For external modulation of VCF cut-off frequency.
- ④ For external control or modulation of VCO frequency.
- ⑤ Switch permits trigger compatibility with other manufacturer's products which use opposite polarity.
- ⑥ For connection to another Mono/poly or a sequencer. CV jacks are oct/V type; trigger is \bar{L}_{LOW} and switchable.
- ⑦ Stereo headphone jack.
- ⑧ For connection to amp or mixer.



KORG DELTA

STRINGS SYNTHESIZER



Polyphonic Synthesizer and Strings in One Easy-to-Use Keyboard.

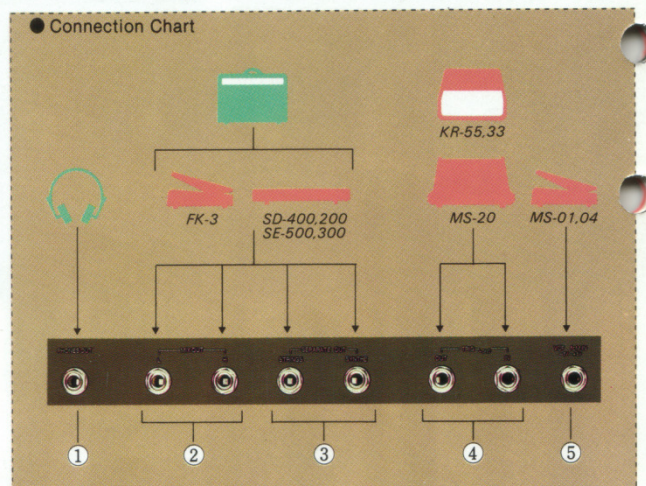
For truly versatile performance, the Korg Delta combines a polyphonic synthesizer and strings in a single keyboard instrument. The polyphonic synthesizer's signal generator is designed to allow tone color control like an electric organ, with 16', 8', 4', 2', and White Noise sources which can be freely mixed. The newly developed 24dB/oct. VCF section has switchable low-pass and band-pass modes and keyboard follower.

The ADSR envelope generator is designed to work with the VCF to produce flexible effects ranging from thick, layered sound, to subtle, harpsichord-like tone color.

The strings section has built-in ensemble, and attack and release can be adjusted independently of the synthesizer EG. There is even an equalizer for final tonal compensation. The handy joy stick permits quick, convenient control over pitch bends, vibrato, and other effects. Separate outputs for polyphonic synthesizer and strings let you use separate amps for each. Other jacks allow external keyboard triggering, externally controlled fcM tone color variation, and other practical applications.

SPECIFICATIONS • KEYBOARD: C~C 49 Keys, «SYNTHESIZER SECTION» • SIGNAL GENERATORS: 5: 16', 8', 4', 2', White Noise • VOLTAGE CONTROLLED FILTER: Cut-off Frequency, Resonance, EG Depth, Filter Mode (Bandpass Lowpass), KBD Follower (On/Off) • ENVELOPE GENERATOR: Attack Time, Decay Time, Sustain Level, Release Time, VCA EG Mode (□, □), Trigger Mode (Single/Multiple) • STRINGS SECTION • OCTAVE: OCT Balance (16~8) • ENVELOPE GENERATOR: Attack, Release, Trigger Mode (Single/Multiple) • EQUALIZER: Low, High • CONTROL SECTION • JOY STICK: Pitch Bend, Vibrato Depth/Noise Modulation Depth • SIGNAL GENERATOR: FM Depth, On/Off • VCF: fcM Depth, On/Off • MODULATION GENERATOR: Vibrato Depth, Speed • TUNE: Tune (±100 Cents), Octave (Up/Normal) • VOLUME: Synthesizer,

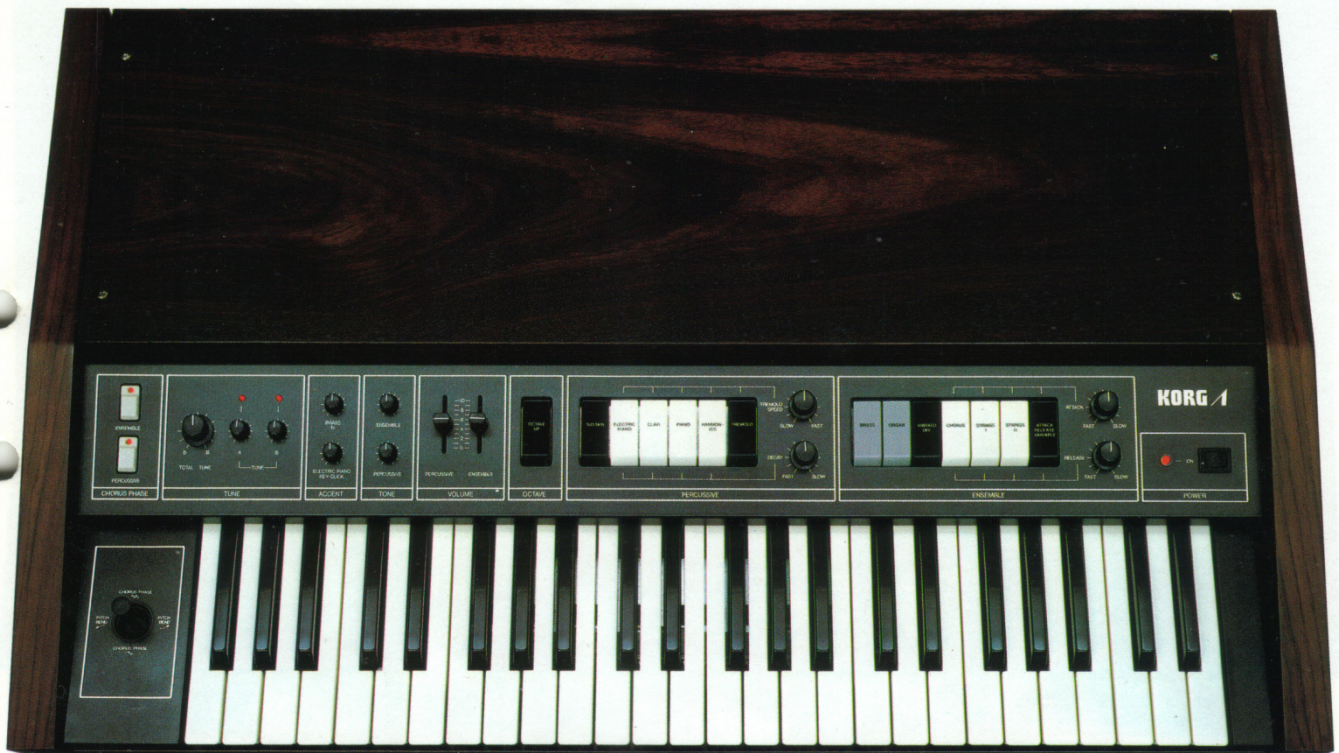
Strings, Power & Volume • INPUTS & OUTPUTS: • OUTPUTS: Headphones Output, Mix Outputs*2 (High/Low), Separate Outputs*2 (Synth/Strings), Trigger Output (□) • INPUTS: VCF fcM In (-5 V~+5 V), Trigger in (□) • DIMENSIONS: 836 (W)×153 (H)×378 (D) mm • WEIGHT: 10 kg • ACCESSORIES: Dust Cover, Connection Cord • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (15 W)



- 1 Headphone jack.
- 2 High out for PA and low out for guitar amp connections.
- 3 Independent outputs for synthesizer and strings section.
- 4 Keyboard trigger input and output jacks. permits external triggering (via KR-55 rhythm machine, etc) of Delta keyboard chords for polyphonic repeat effects.
- 5 Input for external control signal (from foot pedals MS-01, MS-04, etc.) for cut-off frequency modulation of Delta VCF.

KORG LAMBDA

POLYPHONIC ENSEMBLE



Like Having Nine Keyboards in One. With Polyphonic Pitch-Bend Capability.

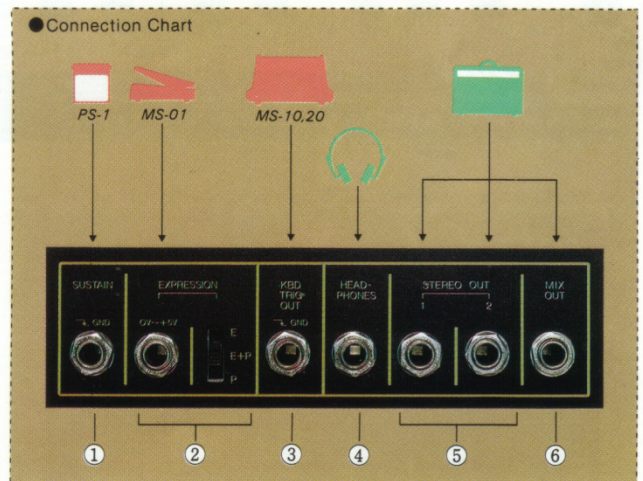
In the percussive group you have electric piano, clavichord, piano, and harmonics. Add to that the brass, organ, chorus, strings I, and strings II in the ensemble group and you have available nine different keyboard tone colors. All are instantly selectable by convenient tablet switches and you can mix together as many tone colors as you want. The keyboard is completely polyphonic; there is no limit to how many keys you can play at the same time.

Separate outputs are provided for the percussive group and the ensemble group, so you can run them through separate amps for a stereo effect. The joy stick gives you simultaneous control over pitch bends and chorus phase speed for subtle variation of rotating speaker effects and string ensemble effects. And with polyphonic pitch bends, you can change the pitch of every note in a chord.

Triple-source string synthesis and hammer noise in the piano tones contribute to the striking musicality of tone colors produced by the Korg Lambda, an extremely high quality instrument in the tradition of the PE-1000 and PE-2000.

SPECIFICATIONS • **KEYBOARD:** F~E, 48 Keys • **PERCUSSIVE SECTION:** Tone Color Tablets×4 [Electric Piano (16'), Clavi (16'), Piano (16'), Harmonics (2')], Effects Tablets×2 [Sustain, Tremolo], Controls×2 [Tremolo Speed, Decay] • **ENSEMBLE SECTION:** Tone Color Tablets×5 [Brass (16'), Organ (16'), Chorus (16'), Strings I (16'), Strings II (8')], Effects Tablets×2 [Vibrato off, Attack Release Variable], Controls×2 [Attack, Release] • **ACCENT CONTROLS:** Brass Cut-off Frequency, Electric Piano Key Click • **TONE CONTROLS:** Percussive, Ensemble • **TUNING CONTROLS:** Total Tune (±40 Cents), Tune A/B (±30 Cents) • **VOLUME CONTROLS:** Percussive, Ensemble • **MANUAL CONTROLS:** Chorus Phase Switches×2 (Percussive, Ensemble) Joy Stick [X-Axis=Pitch (±200

Cents), Y-Axis=Chorus Phase Speed] • **POWER SWITCH, PILOT LAMP ON** • **OUTPUTS:** Mix Out, Stereo Outputs×2, Headphone Outputs (Stereo), Keyboard Trigger Outputs (Multiple, 100V) • **CONTROL INPUTS:** Sustain (100V), Expression (Percussive/Percussive+Ensemble/ Ensemble, 0~+5V) • **DIMENSIONS:** 824 (W)×127 (H)×497 (D) mm • **WEIGHT:** 15 kg • **ACCESSORIES:** Dust Cover, Connection Cord • **POWER CONSUMPTION:** Voltage (Local Voltage, 50/60 Hz), Wattage (25 W)



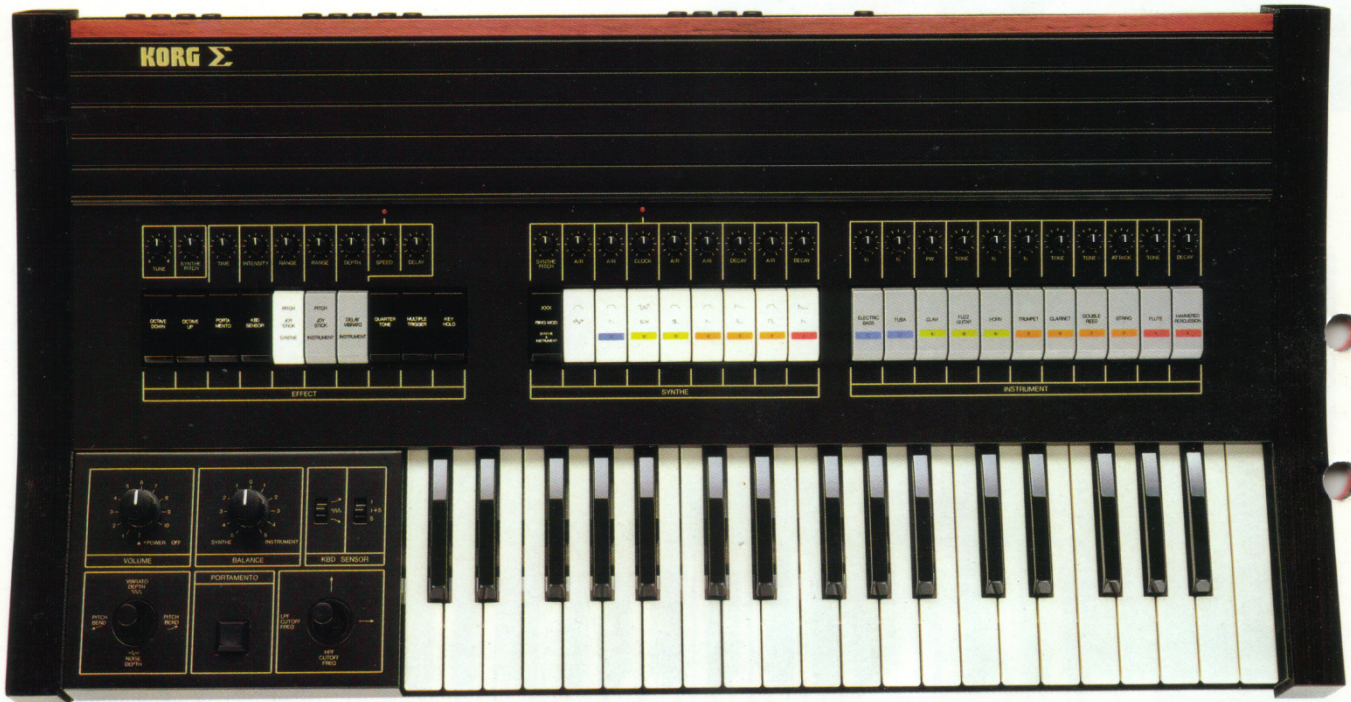
- ① Input jack for pedal-switch or similar unit used like a damper pedal to vary the PERCUSSIVE section's sustain characteristics.
- ② Inputs for expression or volume control over ENSEMBLE and/or PERCUSSIVE section.
- ③ Keyboard trigger output jack. This is a multiple trigger so a trigger signal is produced each time a key is played on the keyboard. May be used for connection to MS-series units to produce a variety of additional effects while playing the Lambda.
- ④ Stereo headphone jack.
- ⑤ Outputs designed for "stereo" connection to two amps or two PA console inputs. Especially effective when using chorus and phase effects. With CHORUS PHASE off, stereo out 1 provides the PERCUSSIVE section sound, while stereo out 2 provides the ENSEMBLE section sound.
- ⑥ Provides a mixed (PERCUSSIVE AND ENSEMBLE together)

KORG Σ SIGMA

PERFORMING SYNTHESIZER

SPECIFICATIONS •KEYBOARD: C~C 37 Keys •TONE SELECTORS •INSTRUMENT SECTION (x11): Electric Bass, Tube, Clavi, Fuzz Guitar, Horn, Trumpet, Clarinet, Double Reed, String, Flute, Percussion •SYNTHE SECTION (x8): Noise, Δ 32', S/H 16', \square 16', Δ 8', \square 8', \square 8', Δ 4' •EFFECT SELECTORS •OCTAVE (x2): Up, Down •EFFECTS (x5): Portamento, Delay Vibrato (INSTRUMENT), Quarter Tone, Multiple Trigger, Key Hold •CONTROLS (x3): Keyboard Sensor, Joy Stick (INSTRUMENT), Joy Stick (SYNTHE) ↗

↗ •CONTROL SECTION •JOY STICK (LEFT): Pitch Bend, Vibrato Depth, Noise Modulation Depth •JOY STICK (RIGHT): LPF Cut-off Frequency (SYNTHE), HPF Cut-off Frequency (SYNTHE) •KEYBOARD SENSOR CONTROL SWITCHES x2: Pitch Bend Up/Vibrato Depth/Pitch Bend Down, INSTRUMENT/INSTRUMENT+SYNTHE/SYNTHE •BALANCE: Synthe/Instrument •TOTAL TUNE: \pm 200 Cents •SYNTHE PITCH: \pm 700 Cents •PORTAMENTO: Momentary Switch •POWER & VOLUME: INPUT & OUTPUTS SECTION •SIGNAL ↗



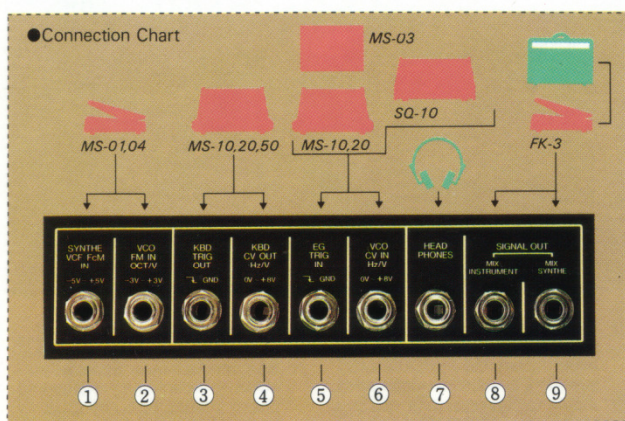
Quick, Versatile Control— Perfect for Live Performance.

Change tone color instantly with the tablet switches, and control vibrato and pitch bends with the joy stick and by how hard you press on the keyboard. Perfect for on-stage use, this "performing synthesizer" has eleven instrument tabs and eight synthesizer tabs that let you mix together as many different sounds as you like. Above each tab switch is a control knob for adjusting the most important parameter of that sound.

There's even quarter-tone capability—when you press two adjacent keys, you get the pitch in-between!

The ring modulator provides chimes and other metallic timbres. Instrument and synthesizer sounds can be routed to different speaker systems to take maximum advantage of this synthesizer's tonal versatility.

↗ OUTPUTS: Mix/Synthe (5 Vp-p MAX), Headphones Output •KEYBOARD OUTPUTS: CV Output (Hz/V, 0 V~8 V), TRIG Output (Δ) •CONTROL INPUTS: VCO CV Input (Hz/V), EG TRIG Input (Δ), VCO FM Input (OCT/V, -3 V~+3 V), Synthe VCF fcM Input (2 OCT/V, -5 V~+5 V) •DIMENSIONS: 774 (W) x 173 (H) x 400 (D) mm •WEIGHT: 11 kg •ACCESSORIES: Connection Cord x 1, Dust Cover x 1 •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (17 W)



- Input jack for external control of SYNTHE section tone color, using foot controller (MS-01), etc.
- Input jack for external control of overall pitch using foot controller (MS-01), etc. \pm 3-octaves maximum variation.
- Keyboard trigger signal output jack.
- Keyboard control voltage output jack. For connection to MS-50 or other extension synthesizer unit.
- Trigger signal input jack for external control of EG operation; used with VCO CV IN.
- VCO control voltage input jack for external operation of Sigma using MS-03, SQ-10, MS-10, MS-20, etc.
- Headphone jack.
- INST section output jack.
- SYNTHE section output jack.

M-500SP

MICRO PRESET SYNTHESIZER

With Built-in Amplifier and Speaker.

↗ Tenor, Bass •CONTROL: Pitch, Attack, Sustain, Portamento, Traveler, Modulation Rate, Depth, Power Switch/Volume •EFFECT SWITCHES x3: Vibrato Mode, Repeat Mode, Portamento



SPECIFICATIONS •KEYBOARD: F~C, 32 Keys •TONE COLOR SELECTORS x 30: Synthe-1 (2', 4', 8', 16', 32'), Synthe-2 (2', White Noise, 8', Pink Noise, 32'), Brass (Trumpet 1, 2, 3, Trombone, Tube), String (Violin 1, 2, Viola, Cello, D. Bass), Wood (Recorder, Flute, Oboe, Clarinet, Bassoon), Voice (Whistle, Soprano, Alto, ↗

↗ (On/Momentary) •OUTPUTS x2: Line Level, Headphone •SPEAKER: 10 cm x 1 •POWER AMPLIFIER: 1 W •DIMENSIONS: 730 (W) x 125 (H) x 250 (D) mm •WEIGHT: 5.1 kg •ACCESSORIES: Music Rack, Connection Cord, Dust Cover •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (6 W)

Korg MS-Series-The System that Keeps Extending New Possibilities

The Korg MS synthesizer series features complete patch panels for module programming and system expansion.

Add on units include an independent module synthesizer, a frequency-to-voltage signal processor that lets other instruments play the synthesizer, an interface for compatibility with other types of synthesizer, and a VCO+VCF modulation pedal. With these and other MS-series accessories you can keep extending new possibilities to meet your creative needs.

MS-20

MONOPHONIC SYNTHESIZER

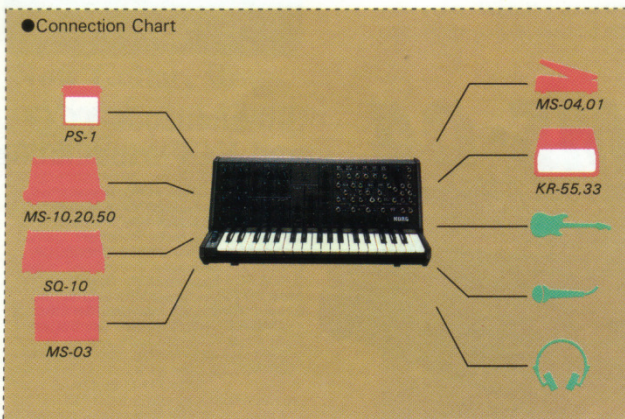


Studio Quality Effects with Two of Each Basic Module Plus S/H and ESP.

Two VCOs, high pass and low pass VCFs, modulation and audio VCAs, ADSR and DAR type EGs... Besides these basics, the MS-20 features S/H, a noise generator, and ESP: an external signal processor made up of BPF, F-V converter and envelope follower that lets you use other instruments to play the synthesizer.

This high grade unit's large control and patch panel is rationally laid out for convenient operation. The MS-20 is very effective for advanced music synthesis techniques. Interfacing with the MS-50, SQ-10 and other accessory units allows system expansion as desired.

● Connection Chart



SPECIFICATIONS
CONTROL SECTION •KEYBOARD: C~C, 37 Keys
 •VCO-1: Scale (32', 16', 8', 4'), Waveform (△, ▽, PW, White Noise) •VCO-2: Scale (16', 8', 4', 2), Waveform (△, ▽, L, Ring Modulator), Pitch •VCO MASTER CONTROL: Total Pitch, Portamento, FM Control×2 •VCO MIXER: VCO-1 Level, VCO-2 Level •VCF×2 (LP & HP): Cut-off Frequency, Peak, fcM Control×2 •EG×2: D.A.R., H.A., D.S.R. •MG: Waveform (△, ▽, △, ▽, Continuous Control), Frequency •MANUAL CONTROLLER: Control Wheel, Momentary Switch
SIGNAL PROCESSOR SECTION •CONTROL SECTION: Input Signal Level, Low Cut Frequency, High Cut Frequency, CV Control, Threshold •INPUT & OUTPUT: Signal Input, Amplifier Output, B.P.F. Output, CV Output (0~+8 V), E.F. Output (0~+5 V), Trigger Output (1 pulse)
 •INDICATOR: Peak, Trigger
PATCH PANEL SECTION •KEYBOARD: Output (Hz/V, 0~+8 V), Trigger Output (1 pulse), VCO-1, 2 CV Input (Hz/V, 0~+8 V), VCO-2 CV Input (Hz/V, 0~+8 V) •VCO-1+2 FM Input (OCT/V, -3~+3 V) •VCF: Signal Input (3 Vp-p MAX), fcM Inputs×2 (2 OCT/V, -5~+5 V) •VCO+VCF: Control Input (-5~+5 V) •VCA: Initial Gain Control Input (0~+5 V) •EG: EG-1 Outputs×2 (-5→0 V, +5→+OV), EG-1+2 Trigger Input (1 pulse), EG-1 Trigger Input (1 pulse), EG-2 Output (1 pulse) •MG: Triangle Output (△, ▽, △, ▽=5 Vp-p) Rectangle Output (▣, ▤, ▥=5 V) •NG: Outputs×2 (Pink, White, 5 Vp-p) •S/H: Clock Trigger Input (1 pulse), Signal Input (5 Vp-p), S/H Output (5 Vp-p) •MANUAL CONTROLLER: Control Wheel Output (-5~0~+5 V), Momentary Switch Output (1 pulse) •SIGNAL OUTPUT (2 Vp-p) •HEADPHONE OUTPUT •DIMENSION: 599 (W)×249 (H)×309 (D) mm •WEIGHT: 7.7 kg •ACCESSORIES: Patch Cord=35 cm×2, Connection Cord •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (10 W)

MS-10

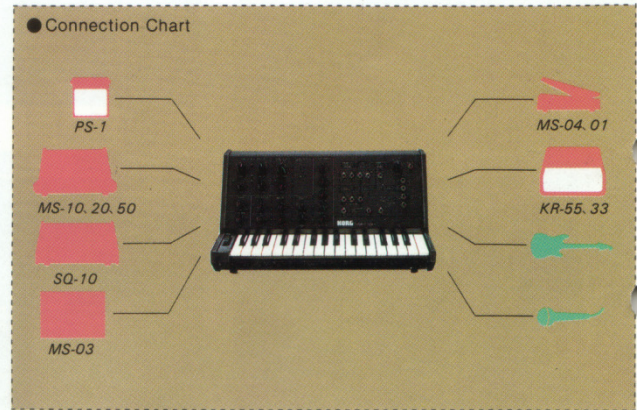
MONOPHONIC SYNTHESIZER

Basic Full Capability Monophonic Synthesizer with Patch Panel for Unlimited Creativity.

Developed as an introductory unit to lead to mastery of sound synthesis, the MS-10 features a rationally arranged control knob section and complete patch panel with easy-to-follow block diagram. Convenient access to all modules allows real programming creativity and practical understanding of synthesizer operation. By adding such units as the MS-50 or SQ-10 you can easily extend the synthesizer's capabilities as you like.

SPECIFICATIONS •CONTROL SECTION» •KEYBOARD: F \sim C, 32 Keys •VCO: Scale (32', 16', 8', 4'), Waveform (Δ , ∇ , \square , PW/PWM, Noise), PW/PWM Intensity Control, Pitch, Portamento, FM Control $\times 2$ •VCF: Cut-off Frequency, Peak, FcM Control $\times 2$ •EG: H.A.D.S.R. •MG: Waveform (Δ , ∇ , \square , \circ , \sim , \wedge , \vee , \cap , \cup , ∞ , \emptyset , Continuous Control), Frequency •EXT. SIGNAL INPUT: Signal Level •MANUAL CONTROLLER: Control Wheel •POWER SWITCH/VOLUME •PATCH PANEL SECTION» •KEYBOARD: Keyboard CV Output (Hz/V, 0 \sim +8 V), Trigger Output (\square) •VCO: VCO CV Input (Hz/V, 0 \sim +8 V), FM Input (OCT/V, -3 \sim +3 V), PWM

Input (-5 \sim +5 V) •VCF: Signal Input (3 Vp-p MAX), fcm Input (2 OCT/V, -5 \sim +5 V) •VCA: Initial Gain Input (0 \sim +5 V) •EG: Trigger Input (\square), Envelope Reverse Output (∇) •MG: Triangle Output (Δ , ∇ , \square , \circ , \sim , \wedge , \vee , \cap , \cup , ∞ , \emptyset = 5 Vp-p), Rectangle Output (\square , ∇ , \square , \circ , \sim , \wedge , \vee , \cap , \cup , ∞ , \emptyset = +5 V) •NG: Outputs $\times 2$ (Pink, White, 5 Vp-p) •MANUAL CONTROLLER: Control Wheel Output (-5 \sim +5 V) •SIGNAL OUTPUT (2 Vp-p MAX) •DIMENSIONS: 449 (W) \times 249 (H) \times 309 (D) mm •WEIGHT: 6.3 kg •ACCESSORIES: Patch Cord = 35 cm \times 1, Connection Cord •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (5 W)

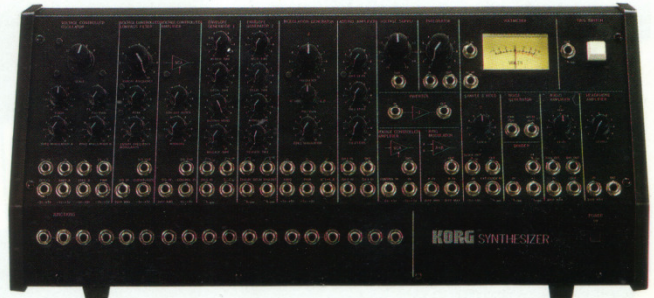


MS-50

MONOPHONIC SYNTHESIZER

SPECIFICATIONS •VCO: Scale (32', 16', 8', 4'), Pitch (\pm 600 Cents), PW/PWM, FM Intensity $\times 2$, CV Inputs $\times 2$, (Hz/V=0 \sim +10 V, OCT/V=-5 V \sim +5 V), FM Inputs $\times 2$ (OCT/V, -5 \sim +5 V), PWM Input (-5 \sim +5 V), Outputs $\times 3$ (Δ , ∇ , \square , PW/PWM=3 Vp-p) •VCF: Cut-off Frequency, Peak, fcm Intensity, Signal Input (3 Vp-p MAX), fcm Input (2 OCT/V, -5 \sim +5 V), Signal Output •VCA: Low Cut Filter, VCA Intensity, Signal Input (3 Vp-p MAX), Signal Output Control Input (0 \sim +5 V) •EG-1: A.D.S.R Trigger Input (\square), Envelope Outputs $\times 3$, Trigger Indicator •EG-2: H.D.A.R Trigger Input (\square), Delay Trigger Output (\square), Envelope Outputs $\times 2$, Trigger Indicator •MG Frequency, PW/PWM, FM Intensity, FM Input (OCT/V, -5 \sim +5 V), PWM Input (-5 \sim +5 V), Outputs $\times 3$ (Δ , ∇ , \square , PW/PWM=3 Vp-p), Frequency Indicator •3CH. ADDING AMPLIFIER: Level $\times 3$, Inputs $\times 3$, Output •VOLTAGE SUPPLY: Voltage Control, Output (-5 \sim +5 V)

•INTEGRATOR: Time Constant Control, Input, Output •INVERTER: Input, Output •VCA: Signal Input (DC-AC), Control Input, Signal Output •RINGMODULATOR (DC \sim AC): Inputs $\times 2$, Output •VOLT METER: AC Input (3 Vp-p), DC Input (-5 \sim +5 V) •S/H: Clock Frequency, S/H Input (-5 \sim +5 V), Clock Input (\square), Clock Output (\square), S/H Output, Clock Indicator •NG: Outputs $\times 2$ (Pink, White) •DIVIDER: Input (\square), $\div 2$ Output (\square), $\div 4$ Output (\square) •TRIGGER SWITCH: Push Button, Trigger Output (\square) •AUDIO AMPLIFIER: Level Control, Input (3 Vp-p MAX), EF Output (0 \sim +5 V), Trigger Output (\square), Amplifier Output •HEADPHONE AMPLIFIER: Level, Input (3 Vp-p MAX) Output •JUNCTIONS: (3 \times 4, 6 \times 1) •DIMENSIONS: 570 (W) \times 248 (H) \times 167 (D) mm •WEIGHT: 6.2 kg •ACCESSORIES: Patch Cords = 25 cm \times 4, 35 cm \times 4, 50 cm \times 1, 1 m \times 2, Connection Cord •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (20 W)



Patch System Expansion Unit with Independent Modules for Complete Programming Flexibility.

Equipped with a range of modules you would expect to find on a studio type synthesizer, the MS-50 includes VCO, VCF, VCA, two envelope generators, voltage controlled modulation generator, 3-channel DC voltage mixer (adding amp), ring modulator, divider, integrator, inverter and sample & hold. All connections are made externally via the complete patch system to give you unrestricted control.

MS-01

FOOT CONTROLLER



The Universal Foot Controller for Live Performance.

SPECIFICATIONS •VOLTAGE PROCESSOR: Outputs $\times 2$ (0 \sim +4 V, 0 \sim -4 V) •ATTENUATOR: Input $\times 1$, Output $\times 1$ (0 \sim 100%) •DIMENSIONS: 100 (W) \times 60 (H) \times 250 (D) mm •WEIGHT: 0.9 kg •POWER CONSUMPTION: Dry Battery (006P \times 1, 9 V)

MS-04

MODULATION PEDAL



Simultaneous VCO and VCF Modulation.

SPECIFICATIONS •LFO: Waveform (Δ , ∇ , \square , RANDOM, GLISSANDO), Speed, Level •BEND: Width •OUTPUTS $\times 2$: Output -2 ($\times 1$), Mode Selector (LFO/LFO+ BEND/BEND), Output -2 ($\times 4$), Mode Selector (LFO/LFO+ BEND/BEND), Output Selector (1/1+2/2) •DIMENSIONS: 100 (W) \times 60 (H) \times 250 (D) mm •WEIGHT: 0.9 kg •POWER CONSUMPTION: Dry Battery (006P \times 1, 9 V)

MS-02

INTERFACE



For Complete Connection Compatibility Between the MS-Series and Every Other Type of Synthesizer System in the World.

The MS-02 converts one system into the other so that any synthesizer can be interfaced with Korg MS-series units. A log amp changes Hz/V into OCT/V control voltages and an antilog amp does the opposite. An adding amp adjusts the CV (control voltage) range for precise pitch control. For trigger mode conversion there are two trigger processors.

SPECIFICATIONS • LOG AMPLIFIER: Tuning, Width, Hz/V Input (0~+15 V), OCT/V Output (-12~-+12 V) • ANTILOG AMPLIFIER: Tuning, Width, OCT/V Input (-4~+4 V), Hz/V Output (-12~-+12 V) • ADDING AMPLIFIER: Channel 1 Level Control, Channel 2 Level Control, Input Channel 1, Input Channel 2, Output • TRIGGER PROCESSORS: 2: Trigger Indicator, Reverse Switch, Input (VTH=+2.5 V), Output (0 V ↔ +15 V) • OTHERS: Power Switch, Pilot Lamp • JUNCTION: 4×2.3×1 • DIMENSIONS: 283 (W)×110 (H)×195 (D) mm • WEIGHT: 2.2kg • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (5 W)

MS-03

SIGNAL PROCESSOR

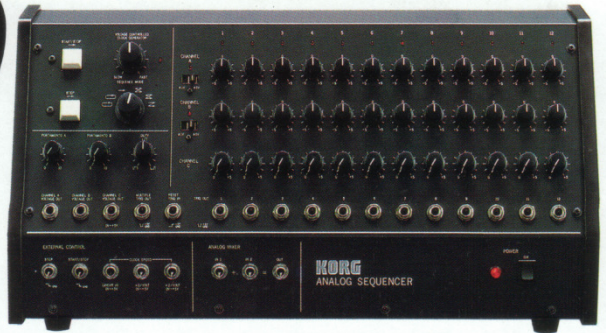


Now Guitar, Brass, or Vocals can Control a Synthesizer.

SPECIFICATIONS • INSTRUMENT INPUT Level Control, Peak Level Indicator, Range (High/Low), Mode (1, 2, 3), Signal Input • PORTAMENTO: Time Control, Remote Switch Input • PROCESSOR OUTPUTS: Frequency, Width, Trigger Indicator, CV OUT (Hz/V, OCT/V), Trigger Output (1~12, 3~24), Envelope Output, Direct Output CV Hold Remote Input, CV & Trigger Hold Remote Input, Cancel Remote Input • OTHERS: Power Switch, Pilot Lamp • DIMENSIONS: 283 (W)×110 (H)×195 (D) mm • WEIGHT: 2.4 kg • ACCESSORIES: Foot Switch (S-1) • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (4 W)

SQ-10

ANALOG SEQUENCER



Can be Used as a Preset Memory Bank for Synthesizer Modules as Well as for Automatic Performance.

3-Channel Output allows pitch, tone color and timing variation for up to 24-step sequences. An additional benefit of this analog design is that the sequencer can act as a preset memory bank by storing VCO, VCF, VCA and other modules' control voltages for instant recall while playing. Automatic playback synchronized with rhythm machine timing is another exciting application (via trigger output on KR-55 or KR-33).

SPECIFICATIONS • VOLTAGE CONTROLLED CLOCK GENERATOR: Speed Control • SEQUENCE MODE: □ → × = 12 Steps × 3, × → × = 24 Steps × 1 + 12 Steps • Switch: Start/Stop (Automatic), Step (Manual) • PORTAMENTO: Portamento Channel A, B • TRIGGER DUTY: □ ~ □ ~ □ (Multiple Trigger) • SEQUENCE CONTROL: Channel A, B, C (1~12), Trigger Output (1~12), LED (1~12) • SEQUENCE VOLTAGE OUTPUT: Channel A, B (-5~+5 V/-1~+1 V), Channel C (0~+5 V) • MULTIPLE TRIGGER OUTPUT: □ ~ • RESET INPUT: (1~12), Start/Stop (1~12), Clock Speed × 3 (Hz/V, × 2V, ÷ 2V), Hz/V, 0~+5 V • ANALOG MIXER: Input 1 + 2 = Output • POWER SWITCH • DIMENSIONS: 499 (W)×249 (H)×170 (D) mm • WEIGHT: 5.1 kg • ACCESSORIES: Patch Cords 35 cm × 1, 50 cm × 1, 1 m × 1 • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (5.4 W)



VC-10

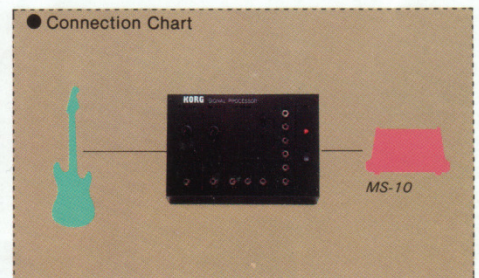
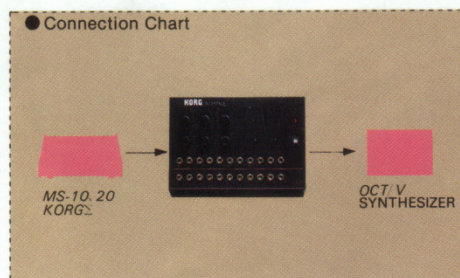
VOCODER

Simulates Your Vocal Characteristics with Every Note for Amazing Keyboard Controlled Chorus and Robot Voice Effects.

The VC-10 requires no complex operational procedures. Simply speak into the microphone and play the keyboard as you would an electric organ. You'll hear polyphonic chorus effects controlled by the characteristics of your own voice. By using the octave switch you can raise or lower the pitch to simulate male or female chorus effects. The control wheel gives added variation for a robot-like computer voice as well as choral pitch bends. Instead of using the built-in keyboard, you can also play an electric guitar or other instrument through the VC-10 while varying its tone color with your voice. With this incredible new instrument you'll be able to create completely unique musical effects.

SPECIFICATIONS • CONTROL SECTION: • KEYBOARD: F~C, 32 Keys OCT Switch (Normal=16, Up=8), Pitch Volume (±100 Cents), Accent Bend, Vibrato Speed, Vibrato Depth, External FM Intensity, Pitch Control Wheel (±1/2 OCT) • SIGNAL MIXER: Input Signal Balance (Keyboard/Noise), External Signal Level • FREQUENCY RESPONSE SIMULATOR: Microphone Level • METER: VU Meter, Meter Select Switch (Mixer/Microphone) • FINAL CONTROL: Ensemble, Power Switch/Final Volume, Output Balance (Simulator/Microphone), Headphone Level • INPUTS: Microphone Inputs × 2 (BTS Connector 2P Phone) • EXTERNAL INPUTS: Signal Input (3 Vp-p MAX), Pitch Control Input (1/3 OCT/V, -3 V~+3 V) • OUTPUTS: Final, Headphone • DIMENSIONS: 499 (W)×249 (H)×309 (D) mm • WEIGHT: 7 kg • ACCESSORY: Connection Cord • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (20 W)

Option MC-01



Where premonition overlaps with sound.



LP-10

ELECTRONIC PIANO



Equipped with a Graphic Equalizer and Chorus Effect for Truly Satisfying Sound Quality and Variety. With Convenient Built-in Monitor Speakers.

Compact and portable, yet capable of truly satisfying piano sound, thanks to careful recreation of an acoustic piano's attack characteristics. Besides the regular piano sound, you can also select electronic piano or "clavi" tone colors. Of course, any two timbres can be mixed, or all three can be used together.

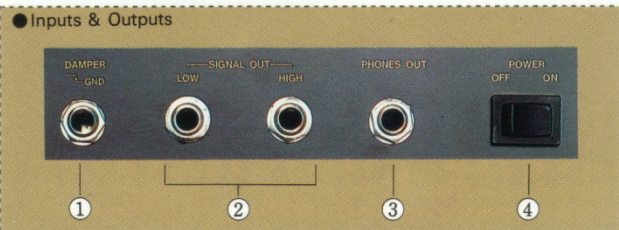
A sustain mode selector lets you choose one of three volume envelopes, so

you can get an organ effect besides the conventional piano and sustained piano sounds.

For precise adjustment of tone color and frequency response compensation, there is a 6-band graphic equalizer with center frequencies at 100Hz, 200Hz, 400Hz, 800Hz, 1.6kHz and 3.2kHz. Built-in chorus effect is adjustable to add the kind of slow modulation effects that characterize real piano sounds.

Another unique feature of the LP-10 is its "key transpose" lever that automatically changes the key of the entire piano, just like you would use a capo on a guitar. That means you can transpose instantly to any key that matches your voice pitch or that makes it easier to play complicated passages.

For practicing at home or checking the sound during rehearsal, the LP-10 is equipped with two built-in speakers and a 4W amp.



- ① For foot switch (PS-1) damper control.
- ② Output jacks. High is for PA or stereo system. Low is for a musical instrument amp.

- ③ Headphone jack.
- ④ On/Off switch.

SPECIFICATIONS •KEYBOARD: C~C, 81 Keys •CONTROL SECTION •TONE SELECTORS: 3: Piano, Electric Piano, Clav •KEY TRANPOSE: C~C (Chromatic 13 Steps) •ENVELOPE: Decay Time, Sustain Mode (□, △, ○) •CHORUS EFFECT: Chorus (On/Off), Speed •GRAPHIC EQUALIZER (6 Elements): 100 Hz, 200 Hz, 400 Hz, 800 Hz, 1.6 kHz, 3.2 kHz •PITCH CONTROL: Tune (±50 Cents) •VOLUME: Volume •POWER SWITCH: Power (On/Off) •MONITOR: Speakers: 2, Power Amplifier (2 W×2) •INPUTS & OUTPUTS:

•INPUTS: Damper In () •OUTPUTS: Signal Outputs×2 (High/Low), Headphones Output (Stereo) •DIMENSIONS: 893 (W)×125 (H)×315 (D) mm •WEIGHT: 10 kg •ACCESSORIES: Connection Cord, Foot Switch PS-1 •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (25 W)

BX-3

ELECTRONIC ORGAN

SPECIFICATIONS • KEYBOARD: C~C 61 Keys, Double Manual «CONTROL SECTION» Bracketed facilities are on both upper and lower keyboards [•DRAWBARS×9: 16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1' •PRESET/DRAWBARS: I, II, III, Drawbars •PERCUSSION: 4', 2-2/3', Percussion Volume, Percussion Decay •OVER DRIVE •TONE CONTROLS: Bass, Treble •TUNE: Tune (±50 Cents) •ROTARY EFFECT: On, Fast •CHORUS/VIBRATO: Mode—Chorus×3, Vibrato×3, Upper,

Lower •VOLUME: Power & Volume, Key Click Volume, Balance Volume •INPUTS & OUTPUTS: Signal Outs×2 (High/Low), Accessory Send •INPUTS: Accessory Return, Rotary Effect (Slow/Fast) •DIMENSIONS: 1149 (W)×193 (H)×530 (D) mm •WEIGHT: 22.5kg •ACCESSORIES: Dust Cover, Connection Cord, 2ch Volume Pedal FK-3, Foot Switch S-1 •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (12 W)



Built-in Chorus/Vibrato, Rotary Speaker Effect and Overdrive. The New Drawbar-Type 2-Keyboard Electronic Organ that Gives You More.

Two manuals with a full 61 keys each. Each keyboard is equipped with 9 drawbars: 16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1'. There is also 4' and 2-2/3' percussion with adjustable volume and decay. Key-click noise is adjustable too, so you can recreate exactly the dynamic rock and jazz organ sound you've been looking for.

Like the CX-3, the BX-3 has built-in rotary effect circuitry that realistically replicates the sound of a rotating speaker, when connected to an ordinary amp! And for that distorted overdrive sound there is also built-in overdrive circuitry. There's more:

You have 3 kinds of chorus and 3 kinds of vibrato effects, each with different speed and modulation depth. These can be applied to either or both keyboards at the flick of a switch. Instantly switch between the most popular rock, jazz and pop organ sounds with the convenient preset drawbar selectors—there are 3 presets on each keyboard.

Following the worldwide success of the CX-3 Portable Organ, we've now developed the 2 keyboard model you've been waiting for. The amazing new BX-3 gives you all you demand in an electronic organ, and more.



CX-3

PORTABLE ORGAN



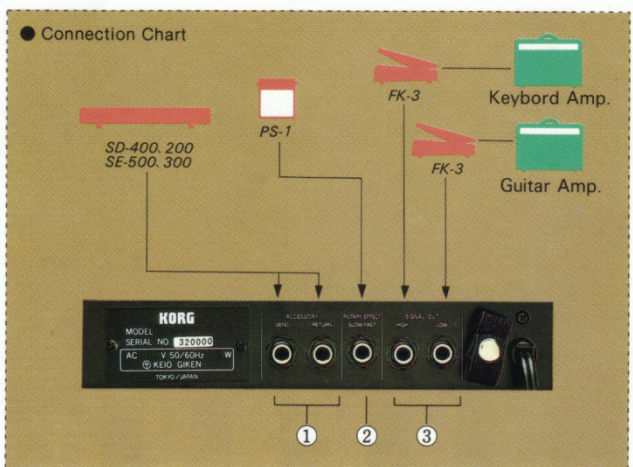
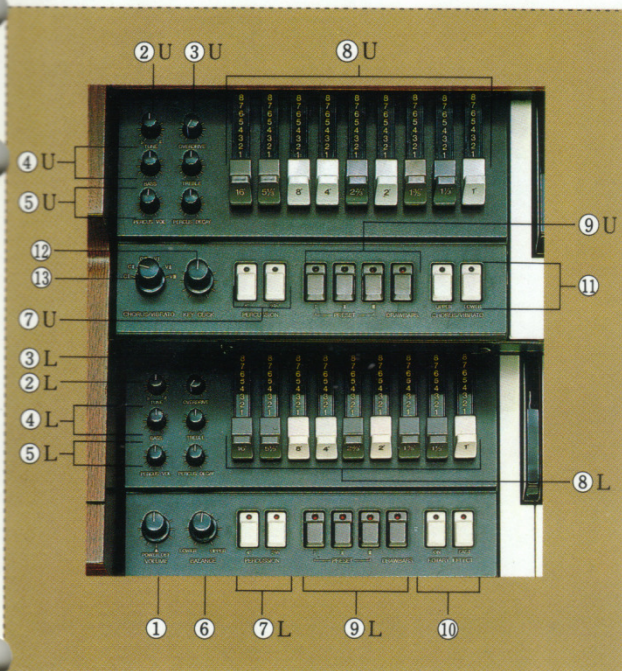
SPECIFICATIONS • KEYBOARD: C~C 61 Keys • DRAWBARS×9: 16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1' • PRESET: I, II, III, Drawbars • PERCUSSION: 4', 2-2/3', Percussion Volume, Percussion Decay • ROTARY EFFECT: On, Fast • OVER DRIVE • TONE CONTROLS: Bass, Treble

• TUNE: Tune (±50 Cents) • VOLUME: Power & Volume, Key Click Volume • OUTPUTS: Signal outs×2 (High/Low), Accessory Send • INPUTS: Accessory Return, Rotary Effect (Slow/Fast) • DIMENSIONS: 1149 (W)×137 (H)×315 (D) mm • WEIGHT: 10.5 kg • ACCESSORIES:

Dust Cover, Connection Cord • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (5 W)

BX-3 Control Section

- ① On/Off and volume.
- ② L/U Pitch adjustment.
- ③ L/U Overdrive distortion.
- ④ L/U Tone controls.
- ⑤ L/U 4' and 2-2/3' percussion volume and decay.
- ⑥ Adjusts volume balance between upper and lower manuals.
- ⑦ L/U 4' and 2-2/3' percussion switches.
- ⑧ L/U Nine drawbars from 16' through 1'.
- ⑨ L/U Three preset selectors and drawbar switch.
- ⑩ Rotary speaker effect switches.
- ⑪ Used to switch chorus and vibrato effects on and off on the upper and lower keyboards.
- ⑫ Volume control for key-click characteristic of electromechanical tone generator organs.
- ⑬ Selects any of three chorus and three vibrato effects, all having different modulation speed and depth characteristics.



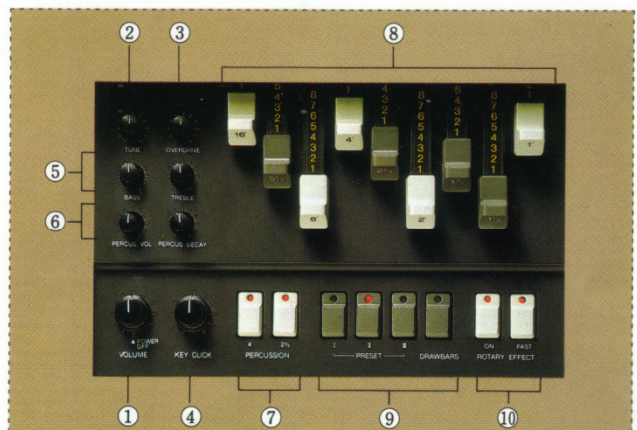
- ① For adding echo, reverb, or other effects; upstream from rotary speaker and distortion circuits.
- ② For foot switching of rotating speaker effect speed.
- ③ High out for PA; low out for guitar amp connections.

Built-in Rotary Speaker and Overdrive Effects... The Back-to-Basics Portable Organ.

Reproduce that powerful, legendary sound with this truly portable organ. Nine drawbars—16', 8', 5-1/3', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1'—for free creative control over tone color, with additional adjustable percussion volume and decay on 4' and 2-2/3'. Adjustable key-click noise adds extra punch to the sound. Built-in rotary speaker sound and overdrive circuitry provide realistic rotating speaker sound and distortion with simple direct connection to any ordinary amp.

No extra external preamp or effects unit is needed. The most widely used drawbar registration settings are preset for instant selection whenever needed.

The CX-3 provides hard, dynamic organ sound for all applications in rock, jazz, and popular music.



CX-3 Control Section

- ① On/Off and volume.
- ② Pitch adjustment.
- ③ Overdrive distortion.
- ④ Volume control for key-click characteristic of electromechanical tone generator organs.
- ⑤ Tone control.
- ⑥ 4' and 2-2/3' percussion volume and decay.
- ⑦ 4' and 2-2/3' percussion switches.
- ⑧ Nine drawbars from 16' through 1'.
- ⑨ Three preset selectors and drawbar switch.
- ⑩ Rotary speaker effect switches.

X-911

GUITAR SYNTHESIZER

SPECIFICATIONS •INPUT FREQUENCY RANGE: 75 Hz (D₁) ~1.4 kHz (F₇)
 •INSTRUMENT SECTION: 16' ELECTRIC BASS (Tone), 16' TUBA (Tone), 8' TRUMPET (Tone), 8' DISTORTION GUITAR (Tone), 8' VIOLIN (Attack), 4' FLUTE (Tone) •SYNTHE SECTION: 16' \square (Attack), 16' \square (Decay) 8' \wedge (Attack), 8' \square (fc Attack), 4' \square (Decay)
 •BALANCE: Output Balance Control (INST/SYNTH), Cancel Switch •INPUT CONTROL: Level Selector (-20/-35/-50dB), Polarity Switch (A/B), Input Volume, Peak Indicator, Trigger Indicator •PITCH CONTROL: Octave Selector (HIGH/MIDDLE/LOW), Tuning (\pm 100 Cents), Interval (\pm 1 Oct)
 •PORTAMENTO: Time •SYNTHE CONTROL: Signal Selector (VCO/GUITAR/DISTORTION), Synthe Wah (OFF/1/2), VCF fc •VOLUME CONTROL: Touch Sense (OFF/WEAK/STRONG),

Output Volume/Power Switch •SIGNAL INPUT & OUTPUT: Input, Direct Output, Output •CONTROL SWITCH INPUT: Interval, Portamento, Hold, ON/OFF •EXT CONTROL INPUT & OUTPUT: FM Input (OCT/V), Synthe VCF fcM Input (2 OCT/V), Trigger Input ($\frac{1}{2}$), Trigger Output ($\frac{1}{2}$), F-V Converter CV Output (Hz/V) •DIMENSIONS: 336 (W) \times 67 \times (H) \times 200 (D) mm •WEIGHT: 3 kg
 •ACCESSORIES: Tom Stand Adapter •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (7.5 W)



Adjust Pitch and Tone Color to Create the Sounds You Want. The Guitar Synthesizer that's as Easy to Use as an Effects Device.

Although designed essentially as a guitar synthesizer, this compact, versatile unit can also derive a control signal from trumpet, saxophone, and other instruments.

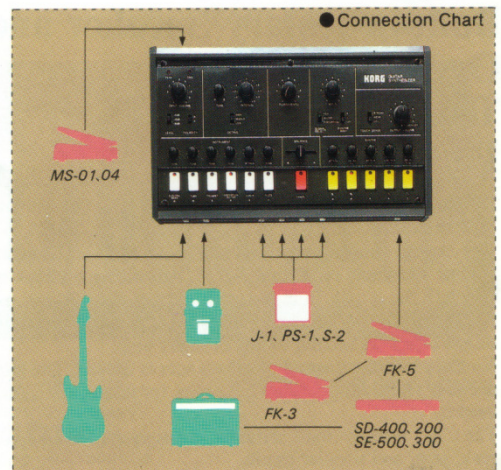
The Korg X-911 is as easy to use as any effects device, yet will produce extremely complex sonic variations. No special guitar pickup is required. Merely patch your guitar, microphone, or other instrument into the X-911 and play one note at a time.

Simple pushbuttons on the front panel let you choose five different instrumental sounds including bass, trumpet, and flute, along with five synthesizer waveforms which can be varied freely to get a wide variety of different effects.

Any or all of these may be mixed together to produce 2047 different tone color combinations. Also, you can use foot switch to instantly raise or lower the X-911's pitch an octave above or below the guitar pitch. Or you can play in unison with yourself with two lead lines a third or fifth apart.

Footswitches can also be used for instant switching on or off of such effects as portamento and hold.

There are even rear panel jacks for interfacing with other synthesizers such as the compact Korg MS-series to add even greater sound synthesis capability.



SD-400

SIGNAL DELAY



Analog Delay with Realistic Echo and Swell Effects.

An analog delay unit with realistic echo and natural sounding reverb characteristics for expressive swell effects. Can handle two inputs: channel B for mic-level only, and channel A which can be adjusted to handle a wide variety of signal levels. The LED peak level meter makes it easy to obtain optimum volume adjustments under dim lighting conditions. Signal-to-noise ratio has been vastly improved, thanks to the employment of special noise-reduction circuitry.

SPECIFICATIONS •INPUTS: Phone×2 (-20/-35/-50dB, -50dB Fixed)
•OUTPUTS: Phone×2 (Direct/Effect Output, Effect Output) •CONTROL CH-A Level Selector (-20/-35/-50dB), Input Volume×2 (CH-A, B), Mode Selector (Direct, Short Delay, Long Delay, Swell 1, Swell 2, Double Track), Delay Time (25 msec~400msec), Feedback, Effect Level, Output Level Selector (-20/-35/-50 dB), Power Switch, Foot Switch Input •NOISE REDUCTION: Level Compander System

•INDICATORS: Input Level (LED×9), Power •DIMENSIONS: 385 (W)×50 (H) ×130 (D) mm •WEIGHT: 2.2 kg
•ACCESSORY: Connection Cord
•POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (4W)

SD-200

SIGNAL DELAY



Analog Delay with Noise Reduction and LED Level Meter.

Versatile analog delay for use with microphone, electric guitar, keyboard, PA, and other sources. Built-in noise reduction and LED level meter contribute to convenient, dependable operation and superior echo-effect performance.

SPECIFICATIONS •INPUTS: Phone×2 (-20/-35/-50dB, -50dB Fixed)
•OUTPUTS: Phone×2 (Direct/Effect Output, Effect Output) •CONTROL: CH-A Level Selector (-20/-35/-50dB), Input Volume×2 (CH-A, B), Delay Time (30~400 m/sec), Feedback, Effect Level, Tone, Output Level Selector (-20/-35/-50dB), Power Switch, Foot Switch Input •NOISE REDUCTION: Level Compander System
•INDICATORS: Input Level (LED×9), Power •DIMENSIONS: 385 (W)×50 (H)

×130 (D) mm •WEIGHT: 2.2 kg
•ACCESSORY: Connection Cord
•POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (4 W)

SE-500

STAGE ECHO



SET-01



Outstanding S/N Ratio, Professional Specs, and Remote Voltage Control Capability.

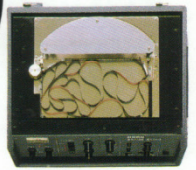
Against the rising tide of electronic echo units, Korg developed the SE-500 to optimize the advantages of the tape echo system. This unit employs a large-scale DC direct-drive servo motor for striking rotational speed accuracy, and specially designed noise reduction circuitry to ensure a very high signal-to-noise ratio. Five playback heads give a variety of effects from simulated reverb to a 1.5 second maximum long delay. With the SOS (sound on sound) feature, you can even double up on yourself and play on top of a whole passage. Controls including effect switches and tape speed are voltage controlled to allow remote control via outboard units or synthesizer.

SPECIFICATIONS •INPUTS: Cannon Connector, 2P Phone×2 •OUTPUTS: Cannon Connector, 2P Phone×2 (Direct/Echo Output, Echo Output)
•CONTROL KNOB: Input Volume×2, Tone Control×2 (Treble, Bass) Balance Control, Speed Control, Feedback Control •CONTROL SWITCHES: Head Selectors×6, Input Level Switches×2, Output Level Switch, Power Switch
•REMOTE CONTROL: Effect Control, Feedback Control, Speed Control

•METER: Input Level •INDICATORS: LED Peak Level Indicator, Head Indicators×5
•HEAD: Recording, Playback×5, Erase •DIMENSIONS: 420 (W)×170 (H)×335 (D) mm •WEIGHT: 12.5 kg •ACCESSORIES: Connection Cord, Foot Switch (J-1), Exchange Tape (SET-01), Cleaner
•POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (40 W)

SE-300

STAGE ECHO



Echo with Built-in Reverb for Varied Effects.

This high performance echo unit features built-in reverb in addition to the basic capabilities of the SE-500.

A single "auto-pat" input impedance control knob conveniently handles all signal levels from mic to line. With the balance control system anyone can easily mix echo and reverb, and direct and processed signals, for optimum sound quality and minimum noise. The reverb input balance control lets you adjust the relative amount of reverb applied to the direct and echo signals. That means you can add reverb to just one of those signals, or both. This advanced control capability offers many acoustic effects not obtainable with conventional echo machines.

SPECIFICATIONS •INPUTS & OUTPUTS: Inputs×2, Outputs×2 (Effect, Direct/Effect) •CONTROL KNOB: Input Volume×2, Tone Control×2, Effect Balance, Output Balance, Input Balance, Feedback Control, Speed Control
•CONTROL SWITCHES: Head Selectors×4, Output Level Switch, Effect Switch, Power Switch •REMOTE CONTROL: Effect Control •INDICATORS: LED Peak Level Indicator, LED head Indicators×3 •HEAD: Recording,

Playback×3, Erase •DIMENSIONS: 420 (W)×170 (H)×335 (D) mm •WEIGHT: 12.5 kg •ACCESSORIES: Connection Cord, Foot Switch (J-1), Exchange Tape (SET-01), Cleaner •POWER CONSUMPTION: Voltage (Local Voltage 50/60 Hz), Wattage (40W)

KR-55

KORG RHYTHM



Advanced Rhythm Machine Featuring the Latest Digital and Synthesizer Technology for Realistic Percussion Tone Color and Intro/Fill-in Patterns.

Instantly select any of 48 different rhythmic patterns including the latest from rock and disco music. Korg's synthesizer circuit technology gives each of the percussion instruments that realistic quality you've been missing. And with unusual 5/4 beat and 16 beat patterns, there's enough variety to meet every musical demand. The trigger out jack on the rear panel lets you add on synthesizers and sequencers for even greater versatility.

SPECIFICATIONS • RHYTHM×48: Waltz, Jazz Waltz, Rock Waltz, Ballad×3, 5/4 Beat×3, Mambo, Rumba, Beguine, Pops×3, Rock×12, Disco×6, Foxtrot, Shuffle, March, Swing×3, Bossanova×3, Chacha, Samba, Afro, Enka, Tango, Habanera • INTRO RHYTHM×16, FILL IN RHYTHM×16 • PERCUSSION SOUND×12: Bass Drum, Snare Drum, Hi-Hat×2, Cymbal, Low Conga, High Conga, Rim Shot, Claves, Tom tom×2, Cowbell • INDEPENDENT VOLUME CONTROLS FOR SOUND SOURCES: Bass Drum, Snare Drum, Cymbal/Hi-Hat, Tom tom/

Conga, Rim Shot/Cowbell/Claves • CONTROL: Swing Beat (SWING ONLY/ALL RHYTHMS), Control (♩ → ♪ → ♫ Tempo), (Slow/Fast), Power Off/Volume • OTHERS: Start/Stop, Intro/Fill-in • INPUTS×2: Start/Stop, Intro/Fill-in • OUTPUTS×3: Trigger Output (S-1), (S-2), (S-3), Signal Outputs (Low Output/High Output) • DIMENSIONS: 296 (W)×81 (H)×258 (D) mm • WEIGHT: 2.2 kg • ACCESSORIES: Foot Switch (S-2), Connection Cord • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (1.7 W)

KR-33

KORG RHYTHM



All the Dynamic Rhythms You Need, Including Rock and Disco.

Thanks to Korg's synthesizer experience, this advanced rhythm machine offers more realistic percussion instrument sounds than ever before. And special digital circuit techniques allow you to help create the rhythm instead of merely selecting it.

Add intro and fill-in patterns, and adjust bass drum, snare drum, hi-hat and other instrument volume independently to obtain optimum balance and mixing. The total of 48 different rhythmic patterns include the latest from rock, pop, and disco. We've also added a trigger-out jack for extending the system to include a synthesizer or sequencer. And our unique "swing beat" control is continuously adjustable to add the subtle changes that make rhythm exciting.

SPECIFICATIONS • RHYTHM×48: Waltz, Jazz Waltz, Rock Waltz, Ballad×3, 5/4 Beat×3, Mambo, Rumba, Beguine, Pops×3, Rock×12, Disco×6, Foxtrot, Shuffle, March, Swing×3, Bossanova×3, Chacha, Samba, Afro, Enka, Tango, Habanera • PERCUSSION SOUND×10: Bass Drum, Snare Drum, Hi-Hat×2, Cymbal, Low Conga, High Conga, Rim Shot, Claves, Cowbell • CONTROL: Balance (Bass Drum→Hi-Hat/Cymbal), Tempo (Slow/ Fast), Power Off/Volume • OTHERS: Start/Stop • INPUT×1: Start/Stop • OUTPUTS×3: Trigger Output

(B.D. Line), Signal Output (Low Output/High Output) • DIMENSIONS: 296 (W)×81 (H)×258 (D) mm • WEIGHT: 2.0 kg • ACCESSORIES: Foot Switch (S-1), Connection Cord • POWER CONSUMPTION: Voltage (Local Voltage 50/60 Hz), Wattage (1.7 W)



EM-570

ECHO MIXER



Universal Mixer with Electronic Echo for all Inputs from Microphone to Phono.

Use the EM-570 to mix up to five different audio inputs, Built-in EQ allows direct MM-type phone connection. With built-in echo circuitry you get impressive mixing results. All electronic system means there is no tape to change.

SPECIFICATIONS • INPUTS: Input Jacks×4, Phono (Magnetic)×1, BGM×1, AUX×2 • OUTPUTS: Speaker Outputs×2, Line Output×1 • MIXER CONTROL: Bass×5, Treble×5, Volume×5, Echo Switches×4, Channel 5 Input Selector Switch×1, AUX-1 Input Level Selector Switch×1 • ECHO CONTROL: Rate×1, Repeat×1, Volume×1 • MASTER

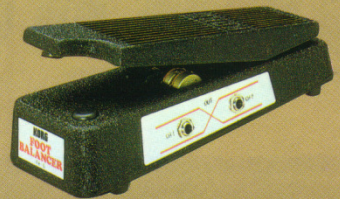
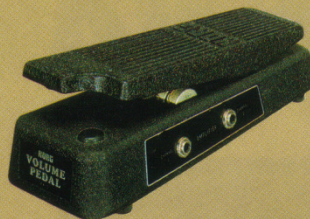
CONTROL: Balance×1, Volume×1 • POWER RATING: 35W×2 • OTHERS: Meters×1, AC Outlets (Rated 200W MAX)×2, Power Switch×1 • DIMENSIONS: 370 (W)×207 (H)×255 (D) mm • WEIGHT: 6.8 kg • POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (130 W)

PS-1 PEDAL SWITCH

J-1 FOOT SWITCH

FK-3 2ch VOLUME PEDAL

FK-5 FOOT BALANCER



SPECIFICATIONS • INPUTS × 2, OUTPUTS × 2
• DIMENSIONS: 100(W) × 60(H) × 250(D) mm
• WEIGHT: 0.9kg

SPECIFICATIONS • INPUTS × 2, OUTPUTS × 2
• DIMENSIONS: 100(W) × 60(H) × 250(D) mm
• WEIGHT: 0.9kg

S-2 DUAL FOOT SWITCH

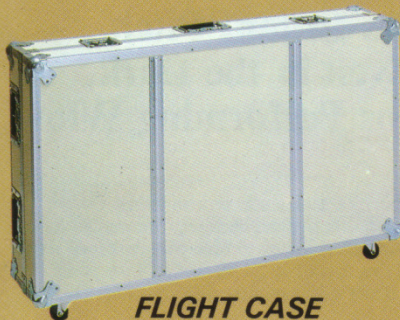
KORG PATCH CORD SET



KORG CORD



SOFT CASE



FLIGHT CASE



HARD CASE



HARD CASE



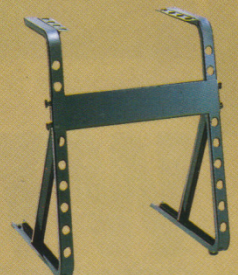
STAND/ ST-3



STAND/ ST-1B



STAND/ ST-2B



STAND/ Type B

CASE

HARD CASE	PS-3200, PS-3010, KORG TRIDENT, KORG MONO/POLY, KORG POLYSIX, BX-3, CX-3, KORG Δ, Λ, Σ, MS-10, 20, 50, VC-10, SQ-10
SOFT CASE	KORG MONO/POLY, KORG POLYSIX (Semi Hard), LP-10, KORG Δ, CX-3, MS-10, VC-10, M-500SP
FLIGHT CASE	KORG MONO/POLY, KORG POLYSIX, KORG TRIDENT, BX-3, CX-3, KORG Δ, Λ
CARRYING CASE	X-911, KR-55, 33

CORD

LOWNOISE 0.5m/1m/1.5m/3m/5m

NOISELESS 7m/10m

PATCH CORD SET A: (25cm × 5) + (35cm × 3) + (50cm × 2)
B: (1m × 5) + (2m × 2)
C: (35cm × 2) + (50cm × 3) + (70cm × 5)

STAND

ST-1B PS-3200, PS-3010, KORG MONO/POLY, KORG TRIDENT, KORG Δ, Λ, Σ, BX-3

ST-2B KORG POLYSIX, LP-10, CX-3

ST-3 BX-3

TYPE B MS-10, MS-20, MS-50, VC-10, SQ-10

TYPE C CX-3

STAND for M-500SP

NEW

MICRO SIX

GUITAR TUNER



SPECIFICATIONS • NOTES: 6E (82.41 Hz), 5A (110.00 Hz), 4B (146.83 Hz), 3G (196.00 Hz), 2B (246.94 Hz), 1E (329.63 Hz). • TUNING RANGE: Within 1 octave above and below each position. • ACCURACY: Quartz deviation within ± 0.1 cent. Relative

deviation (LSI deviation) Within ± 0.25 cent • POWER SUPPLY: Battery (006P 9V) $\times 1$ • DIMENSIONS: 132 (W) \times 36 (H) \times 52 (D) mm. • WEIGHT: 120g (9 oz) net; 155g with battery.

Quartz Accuracy in a Palm-Size Electronic Tuner for Guitar and Bass.

The palm-size electronic tuner for guitar and bass. Employs LSI circuitry and quartz crystal oscillator for greater accuracy and dependability in a more compact package. An additional convenience for bass players is open string tuning, without the need to play harmonics. Easy to use, and small enough to fit in your pocket, the Micro-six is a refined second generation design from Korg, the people who brought you the world's first meter-type tuner.



GT-6

GUITAR TUNER

Electronic Tuner for Guitar and Bass. Provides Instant Pitch Indication, Even in the Dark. Bypassable for Performing While Connected.

Large meter shows the pitch of each guitar or bass string. Output jack for guitar amp lets you perform without changing connections after tuning. Switchable meter lamp makes it easy to tune on a darkened stage. Just turn the dial for open string tuning on all six strings. Low power consumption; more than 30 hours continuous use before battery change.

SPECIFICATIONS • METER: $-50 \sim +50$ Cents, Battery Check • CONTROL KNOB: Notes Selector (6E, 5A, 4D, 3G, 2B, 1E), Power Switch (Off-On-Light), Battery Button • INPUT & OUTPUT: Instrument Input, Amplifier Output • OTHERS: Microphone, Hand Strap, Standard Pitch Adjust • READING RANGE: 2 OCT Above

& 1 OCT Below Each Position • ACCURACY: ± 3 Cents • DIMENSIONS: 143 (W) \times 43 (H) \times 86 (D) mm • WEIGHT: 275 g • POWER CONSUMPTION: Dry Battery (006P $\times 1$, 9V)

WT-12

CHROMATIC TUNER
(With SOFT CASE/AC ADAPTER)



SPECIFICATIONS • READING RANGE: $C_2^1 = 34.6478$ Hz - $C_2^2 = 4186.01$ Hz (7 OCT) • SOUND RANGE: $C_2^1 = 69.2956$ Hz - $C_2^2 = 2093.00$ Hz (5 OCT) • SCALE: 12 Note Tempered Chromatic • METER: Cent Indication ($-50 \sim +50$ Cents), Hz Indication ($-10 \sim +10$ Hz), Calibration ($435 \sim 445$ Hz), Battery Check Line • ACCURACY OF QUARTZ CRYSTAL

OSCILLATOR: Within ± 110 ppm ($25^\circ C$), Within ± 140 ppm ($10^\circ C \sim 30^\circ C$) • RELATIVE ERROR FOR STANDARD FREQUENCY: ± 1 Cent • BATTERIES: AM-3 $\times 4$ (Average Life 40 hours) • POWER SOURCE INPUT: 6V DC 100mA • DIMENSIONS: 200 (W) \times 40 (H) \times 100 (D) mm • WEIGHT 460g • ACCESSORIES: Earphone, Batteries (UM-3/AM-3) $\times 4$

Electronic Meter-Readout Tuner with Quartz Oscillator Reference and Adjustable Standard Pitch Calibration.

The WT-12 measures vocal and instrument pitch over a wide range of seven octaves and provides extremely accurate reference tones over a range of five octaves. Pitch indication is given on a large meter. For the standard reference pitch of $A_4 = 440$ Hz, this tuner employs a quartz crystal oscillator, the most reliable available. The meter's center zero indication can be adjusted from $A_4 = 435$ Hz to $A_4 = 445$ Hz, an important feature considering the wide variation in standard pitch preferences among today's musicians. After completing this calibration it is a simple matter to tune any instrument to the desired pitch. Switchable meter illumination permits accurate reading in the dark.



Available in ivory, brown, and blue.

Symbols used in the charts are as shown below.



..... Headphone



..... Microphone



..... Effector



..... Cassette Taperecorder

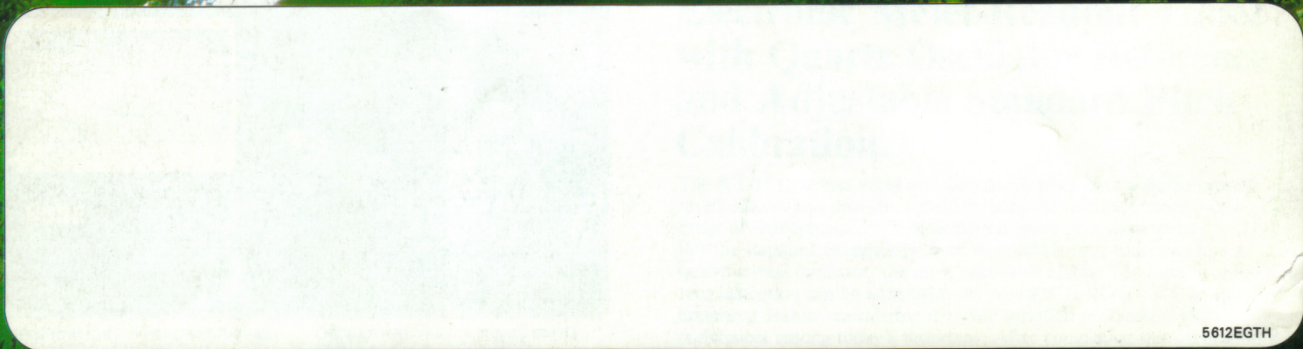


..... Electric Guitar
..... Electric Bass



..... Amprifire

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



5612EGTH

KORG[®]

KEIO ELECTRONIC LABORATORY CORPORATION

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