

KORG EFFECTS SERIES

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RUSSELL JAVERS Guiterist with BILLY JOEL BAND



Step Into Tomorrow's Music
KORG[®]

12 Steps to the Perfect Sound

KORG EFFECTS SERIES



OVD-1

OVER DRIVE

A clear overdrive sound with midrange emphasis. Recording studio quality. Great sustain for guitar.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 10k Ω ■ Maximum output level: 2.5Vp-p (at 250Hz) ■ TONE: \pm 4dB (DRIVE 10, at 1.4kHz) ■ Maximum gain: 32dB (at 1kHz) ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Noise level: –110dBm (TONE 10, DRIVE 10, equivalent input noise, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) \times 67(H) \times 129(D)mm ■ Weight: 450g (including battery)



DST-1

DISTORTION

Adjustable over a wide range, from extreme tube amp distortion to a softer effect. Low range emphasis gives a fatter sound, ideal for hard rock lead guitar work.



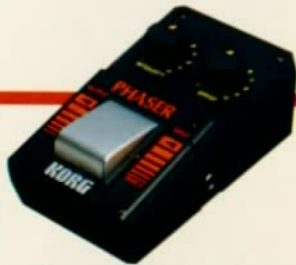
SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 10k Ω ■ Maximum output level: 1V peak to peak ■ TONE: +0dB (at 1kHz) ■ Maximum gain: 36dB ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Noise level: –106dBm (TONE 10, DISTORTION 10, equivalent input noise, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) \times 67(H) \times 129(D)mm ■ Weight: 450g (including battery)



PHS-1

PHASER

Gives a popular phased sound. Has a wide sweep range so a strong phasing effect can be obtained when needed. Excellent for keyboards.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 1k Ω ■ Maximum input level: 0dBm (at 250Hz) ■ Maximum output level: +5dBm (at 250Hz) ■ Phase shift: 720 $^\circ$ ■ Modulation speed: 0.2Hz–10Hz ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Residual noise level: –100dBm (input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) \times 64.5(H) \times 129(D)mm ■ Weight: 450g (including battery)



CMP-1

COMPRESSOR

Has attack switch so you can select between hard and soft attack characteristics. Use before distortion and other effects. A must for guitarists.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 10k Ω ■ Maximum input level: +3dBm (soft ATTACK, at 250Hz) ■ Maximum output level: –10dBm (at 250Hz) ■ Maximum compression ratio: 37dB (with maximum input) ■ Operation characteristics: INPUT (–40dBm +3dBm) OUTPUT (–16dBm–10dBm) ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB [EFFECT ON]: 50Hz–10kHz +0/–3dB (with maximum input) ■ Attack time: 5m sec. (soft attack), 8.3m sec. (hard attack) ■ Release time: 1 sec. (soft attack), 100m sec. (hard attack) ■ Noise level: –90dBm (equivalent input noise, soft attack, sensitivity 10, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) \times 63.5(H) \times 129(D)mm ■ Weight: 450g (including battery)



LIM-1

LIMITER

Uses a very fast VCA circuit to maintain sound fidelity while limiting excessive signal peaks. Can be used to prevent distortion—valuable for home multi-track recording.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 10k Ω ■ Maximum input level: +5dBm (THRESHOLD 0) ■ Maximum output level: +1dBm (THRESHOLD) ■ Minimum input for compression: –13.5dBm → +5dBm (THRESHOLD 10–0, at 250Hz, 3dB compression) ■ Operation characteristics: –20dBm–0dBm (INPUT), –12dBm–8dBm (OUTPUT) (THRESHOLD 10, at 250Hz) ■ Maximum compression ratio: 13dB (maximum input, at 250Hz) ■ Release time: 0.5–10 sec. (RELEASE TIME 0–10) ■ Noise level: –95dBm (THRESHOLD 0, equivalent input noise, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) \times 67(H) \times 129(D)mm ■ Weight: 450g (including battery)



FLG-1

FLANGER

Has a wide sweep from low range to high range and can be adjusted to affect any particular narrower range. The high range flanging is the best of its type.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 1k Ω ■ Maximum input level: +3dBm (INTENSITY 0, MANUAL 0, FEEDBACK 0, at 250Hz) ■ Maximum output level: +3dB (INTENSITY 0, MANUAL 0, FEEDBACK 0, at 250Hz) ■ Delay time: 12m sec.–1m sec. ■ Modulation speed: 0.1Hz–10Hz ■ Feedback: 0–100% ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Residual noise level: –90dBm (MANUAL 10, INTENSITY 0, FEEDBACK 0, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) \times 68(H) \times 129(D)mm ■ Weight: 470g (including battery)

By popular demand, Korg now presents the musician's complete effect pedal series. If there is a particular sound you are looking for, these effects can help you make it your own. Each effect pedal features the finest proven Korg technology inside—the same technology that goes into Korg's electronic musical instruments. Outside is a heavy duty shielded enclosure and the kinds of controls that give you real command of the final effect.



DST-3

HARD DIST

For those who prefer a harder distortion effect with emphasized high range. The heaviest of them all—metallic sound cuts right through.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 10k Ω ■ Maximum output level: 1.3Vp-p (TONE 10, DISTORTION 10, at 250Hz) ■ TONE: PEAK 1.3kHz (TONE 10, DISTORTION 10) PEAK 200Hz (TONE 0, DISTORTION 10) ■ Maximum gain: 46dB (TONE 10, DISTORTION 10, at 1.3kHz) ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Noise level: –110dBm (equivalent input noise, TONE 10, DISTORTION 10, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) × 67(H) × 129(D) ■ Weight: 450g (including battery)



PEQ-1

PARAMETRIC EQ

Covers the range from 100Hz to 3.8kHz. A valuable musical tool for the bass, guitar, and keyboard player. Use it in front of a distortion pedal for "fine tuning."



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 20k Ω ■ Maximum input level: 0dBm (GAIN 0, at 250Hz) ■ Maximum output level: +6dBm (GAIN +5, FREQUENCY ADJ, at 250Hz) ■ Gain control: \pm 18dB (BAND WIDTH 0, FREQUENCY ADJ, –30dBm input, at 1kHz) ■ Frequency control: 100Hz–3.8kHz (BAND WIDTH 10, GAIN +5, –30dB input) ■ BAND WIDTH: 7–1.5 octaves (GAIN +5, +3dB point with) ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Noise level: –86dBm (GAIN 0, input short-circuited, equivalent input noise, IHF-A) ■ Power supply: 006P 9V battery ■ Dimensions: 70(W) × 67(H) × 129(D)mm ■ Weight: 460g (including battery)



CHR-1

CHORUS

Delivers a rich chorus effect for a more colorful sound. Low noise design. Stereo output can be used for more spacious stereo image.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 1k Ω (general), 1k Ω (DIRECT OUT FOR STEREO) ■ Maximum input level: +3dBm (INTENSITY 0, MODE 1, at 250Hz) ■ Maximum output level: +3dBm (INTENSITY 0, MODE 1, at 250Hz) ■ Delay time: 2m sec. –5msec. ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Residual noise level: –96dBm (INTENSITY 0, MODE 1, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) × 68(H) × 129(D)mm ■ Weight: 470g (including battery)



NGT-1

NOISE GATE

For studio work and other situations where signal noise is a problem. Especially effective at the end of complex effects system. Gate response speed is fast to assure natural sound quality.



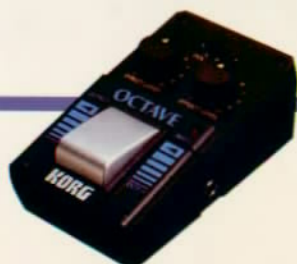
SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 20k Ω ■ Maximum input level: +3dBm (at 250Hz) ■ Maximum output level: +3dBm (at 250Hz) ■ Gate operation level: 0–6mVrms (–42dBm) (at 250Hz) ■ Release time: 34m sec. –2 sec. (RELEASE TIME 0–10) ■ Frequency response [EFFECT ON]: 20Hz–20kHz +0/–1.5dB ■ Frequency response [EFFECT OFF]: 20Hz–10kHz +0/–4dB (–20dBm input) ■ Residual noise level: –100dB (input short-circuited IHF-A) ■ Power supply: 006P 9V battery/DC Jack ■ Dimensions: 70(W) × 64.5(H) × 129(D)mm ■ Weight: 450g (including battery)



OCT-1

OCTAVE

Fast enough to follow rapid phrases, this octave pedal provides excellent performance. The polarity switch can be set to the position that best matches particular guitar pickups.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 1k Ω ■ Maximum input level: –6dBm (at 250Hz) ■ Maximum output level: +5dB (at 250Hz) ■ Operation frequency range: 20Hz–1500Hz (–20dBm input) ■ Minimum input for operation: –45dBm (at 250Hz) ■ Frequency response [EFFECT OFF]: 20Hz–10kHz +0/–3dB ■ Noise level: –95dBm (equivalent input noise, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) × 63.5(H) × 129(D)mm ■ Weight: 450g (including battery)



TNB-1

TONE BOOSTER

For extra control over your guitar or keyboard's tonal characteristics. Can also be used to create a distortion effect if the gain is turned up. Wide gain adjustment range.



SPECIFICATIONS ■ Input impedance: 1M Ω ■ Output impedance: 10k Ω ■ Maximum input level: +6dBm (GAIN MIN, at 250Hz) ■ Maximum output level: +6dBm (GAIN MIN, at 250Hz) ■ GAIN CONTROL: 41dB ■ TONE CONTROL: TREBLE +5/–7dB at 2kHz BASS +5/–8dB at 100Hz ■ Frequency response [EFFECT OFF]: 20Hz–20kHz +0/–1.5dB ■ Noise level: –103dB (GAIN MAX, BASS 5, TREBLE 5, input short-circuited, IHF-A) ■ Power supply: 006P 9V battery/DC jack ■ Dimensions: 70(W) × 68(H) × 129(D)mm ■ Weight: 460g (including battery)

OPTIONAL ACCESSORIES

□ VOLUME PEDAL KVP-001 □ NUMBER CORD (3m/5m/7m)

PME-40X

PROFESSIONAL MODULAR EFFECTS

Professional Modular Effects Units for Ideal Sound Quality and Convenience



The PME is a total effects system that solves the problems of sound quality and ease of use that plague conventional effects. This combined with AC powering assures clearly superior dynamic range, noise, distortion, and frequency response.

Different Effects Modules are available individually. You select the ones you want and slide them into the pedalboard to create your customized effects system. There are no cables to mess with, just a single AC cord.



KOT-401 OCTAVE-V

Unlike other octave pedals, the OCTAVE-V does not simply put out a square wave of half the input signal frequency.



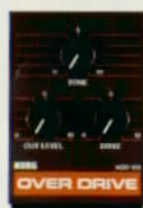
KDW-301 DISTORTION WAH

The DIST WAH produces a wah-wah effect by sweeping the filter cutoff frequency according to how hard you pick the guitar strings.



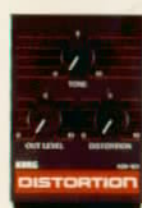
KWS-301 WAVE SHAPER

The Korg WAVE SHAPER takes a guitar signal input and creates a synthesizer-like output with a wide variety of waveforms ranging from sawtooth to squarewave.



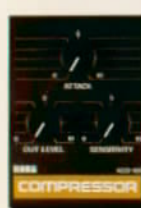
KOD-101 OVER DRIVE

Designed to generate a warm distortion sound without altering the expressive nuances of your picking technique. Great for tube amp effects.



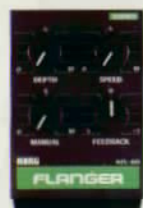
KDI-101 DISTORTION

Input gain and tone controls let you generate a variety of effects ranging from hard distortion to rich warm sustain.



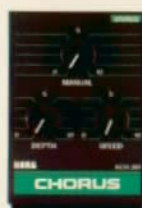
KCO-101 COMPRESSOR

Delivers sustained compression effects while maintaining clear sound quality. Has attack control for adjustment of initial picking emphasis.



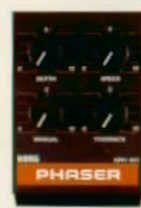
KFL-401 FLANGER

Four control knobs let you produce a fantastic range of effects including phasing, chorus, and metallic percussion. Stereo output capability.



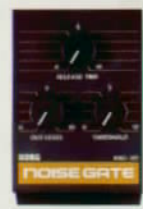
KCH-301 CHORUS

Manual control permits "fine tuning" to match the musical mood and your instrument's tonal characteristics. Has stereo output capability.



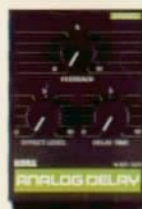
KPH-401 PHASER

Includes feedback and manual controls for maximum flexibility. 4-stage circuitry provides a gentle, pleasing sound.



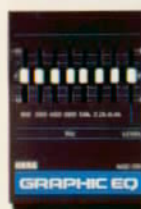
KNG-101 NOISE GATE

This noise gate has release time and threshold controls so you can adjust operation for the most natural sound quality.



KAD-301 ANALOG DELAY

BBD analog delay circuitry creates a wide variety of echo effects. Powerful compander noise reduction keeps the sound clear and clean.



KGE-201 GRAPHIC EQ

Uses seven controls to permit one octave step boost or attenuation of up to 15dB from 100Hz to 6.4kHz. Has output level adjustment.



KES-101 EXT SELECTOR

Designed with buffer amp circuitry for greatest convenience and optimum system performance when interfacing external effects units.



KFB-001 FILTER BOX

Used to fill vacant pedalboard spaces. Protects connectors and contacts to assure the most reliable performance.

OPTIONAL ACCESSORIES

VOLUME PEDAL **KVP-001** NUMBER CORD (3m/5m/7m)

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

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 from the manufacturer's/distributor's warranty and liability. This requirement is for your own protection and safety.

KORG®

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