



G-Natural - Acoustic Breakthrough

The world's first multi-effects processor to address the serious acoustic guitar player

With G-Natural you no longer have to put your guitar sound in the hands of the sound engineer or to put up with effects designed for electric guitars to boost your performance. It goes without saying that effects for electric instruments do not take the construction of a hollow body acoustic guitar into account.

High quality effects for acoustic guitar

G-Natural houses a suite of high quality effects fine-tuned for acoustic guitar. It's all you will ever need to cut through to your audience: Compression, EQ, Boost, Modulation (chorus, detune, vibrato, tremolo and flanger), Reverb and Delay

Versatility

With both a built-in mic preamp and standard line inputs you can choose between using a piezo or pickup system or miking your guitar with a condenser mic. Or why not do both and mix the signals inside G-Natural to get the best of both worlds?

G-Natural comes with 99 factory settings optimized for a wide variety of musical genres and playing techniques. The 99 user-customizable presets allow you to add that crucial personal touch to your sound.

G-Natural's mic pre can also be used for vocal performance. Just put G-Natural in song mode and you automatically get a vocal strip EQ and reverb block. The reverb can be bypassed via a footswitch to avoid unwanted effects when you're presenting the next song.

Topping an already packed feature list, a built-in tuner, digital I/O, expression pedal input and MIDI make G-Natural the number one multi-effects solution for the serious acoustic guitar player – all you need is a fresh set of strings, a load of killer tunes and you're good to go.

Features

- ▶ Floor-based multi effects processor
- ▶ 10 high quality TC effects
- ▶ Tuned for acoustic guitar
- ▶ Mic preamp for vocals or guitar
- ▶ Built-in tuner and boost
- ▶ Road-ready and portable design



- Line Input**
Using an acoustic amp or mixer? Hook-up G-Natural in the effect loop or as an aux effect.
- Instrument Input**
This is the input for your guitar.
- Balanced Outputs**
Balanced outputs capable of driving long cable runs without a DI box.
- Digital I/O**
Digital in- and output, e.g. for feeding a digital audio recorder.
- MIDI**
Integrate G-Natural with additional midi devices.
- Pedal**
Add an expression pedal for total effects control.



- Mic Pass Thru**
Easy integration with front of house consoles.
- Mic Input**
Studio-quality mic preamp with 48V phantom power.
- 20dB PAD**
Compensate for high level microphones.
- Limiters**
Engage the optical VOS™ Limiter to protect your guitar or vocals from distorting.

Technical Specifications

Digital Inputs and Outputs

Connectors RCA Phono (S/PDIF)
 Formats S/PDIF (24 bit), EIAJ CP-340, IEC 958
 Sample Rates 44.1 kHz, 48 kHz

Analog Inputs

Connectors, balanced Mic.: XLR, Line: 1/4" phone jack
 Impedance: Balanced/Unbalanced Mic.: 3.6/1.8 kOhm, Line: 21/13 kOhm
 Line Input Level @ 0 dBFS 24 dBu to 0 dBu
 Line Sensitivity @ 12 dB headroom 12 dBu to -12 dBu
 Instrument Input Level @ 0 dBFS 18 dBu to -6 dBu
 Instrument Sensitivity @ 12 dB headroom 6 dBu to -18 dBu
 Mic. Input Level @ 0 dBFS, Pad Off/On -13 dBu/7 dBu to -51 dBu/-31 dBu
 Mic. Sensitivity @ 12 dB headroom, Pad Off/On -25 dBu/-5 dBu to -63 dBu/-43 dBu
 EIN @ Max Mic Gain Rg = 200 Ohm 126 dBu
 THD < -100 dB (0.001 %) @ 1 kHz
 Crosstalk < -85 dB, 20 Hz to 20 kHz
 A to D Conversion 24 bit, 128 x oversampling bitstream

Analog Outputs

D to A Conversion 24 bit, 128 x oversampling bitstream
 D to A Delay 0.63/0.68 ms @ S.R.= 48/44.1 kHz
 Connectors, balanced 1/4" phone jack
 Output Impedance 40 Ohm
 Output Range 20 dBu / 14 dBu / 8 dBu / 2 dBu
 Dynamic Range > 104 dB, 20 Hz to 20 kHz
 THD < -98 dB (0.0013 %) @ 1 kHz
 Frequency Response +0/-0.3 dB, 20 Hz to 20 kHz

EMC

Complies with EN 55103-1 and EN 55103-2
 FCC part 15, Class B, CISPR 22, Class B

Safety

Certified to IEC 65, EN 60065, UL6500 and CSA
 E60065 CSA FILE #LR108093

Environment

Operating Temperature 32° F to 122° F (0° C to 50° C)
 Storage Temperature -22° F to 167° F (-30° C to 70° C)
 Humidity Max. 90 % non-condensing

Control Interface

MIDI In/Out/Thru: 5 Pin DIN
 Pedal 1/4" phone jack

Supplementary

Display 24x2 character LCD
 Dimensions 11.2" x 3.5" x 10.5" (284 x 89 x 267)
 Weight 4.1 lb. (1.85 kg)
 Mains Voltage 100 to 240 VAC, 50 to 60 Hz (auto-select)
 Power Consumption <15 W
 Warranty Parts and labor 1 year

Note: Due to continuous development and standardization all specifications are subject to change without notice

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