Title: Gamechanger Audio Plus Pedal
Manufacturer’s SKU: GCAPU
Model: Plus Pedal
UPC: 750258555158
Manufacturer: Gamechanger Audio
Made in EU, Riga, Latvia

Pictures: <https://www.gamechangeraudio.com/press-materials/> (chapter Product Photos for Listing)

Suggested videos:
By Andy Martin, Reverb <https://www.youtube.com/watch?v=DEvMxy8r7Zk&t=4s>
By Gamechanger Audio <https://www.youtube.com/watch?v=j_R5FuF096g>
By Mike Hermans <https://www.youtube.com/watch?v=ssvC0DkpZBE>

Description:

Piano-style sustain pedal for guitars and all other melodic instruments.

- Sample, sustain and layer any melodic sounds
- Compose “impossible” song arrangements using just one instrument
- Create soundscapes and ambience without DAWs or multi-effect setups
- Transform chords into synth-like pads and beautiful textures
- Above all, get inspired for songwriting and composition on the go...

Product Details:

User’s manual: <https://www.gamechangeraudio.com/wp-content/uploads/2018/02/PLUS_manual_download.pdf>

Power supply is not included. Plus Pedal uses standard 9V DC center negative pedal power supply of at least 200 mA.

Inputs:

|  |  |
| --- | --- |
| Inputs: | IN, RETURN |
| Input Type | 1/4” Unbalanced TS |
| Input Impedance | 1MΩ |
| Max Input Level | +6.8dBu |

Outputs:

|  |  |
| --- | --- |
| Outputs: | OUT, CLEAN OUT, SEND |
| Output Type | 1/4” Unbalanced TS |
| Output Impedance | 100Ω |
| Max Output Level | +6.8dBu |

|  |  |
| --- | --- |
| Max ADC input | -1.8dBu |
| Max DAC output | +5.2dBu |
| Sample Rate | 26kHz |
| A/D D/A Conversion | 16 bit |
| Frequency Response Analog/Digital | 20Hz to 22kHz/13kHz |
| Signal to Noise Ratio | -97 dB (A weighted); ref = max level, 22 kHz bandwidth |
| THD | -84 dB, ref= 6dBu, 1kHz |
| Controls | 2-position foot pedal, Potentiometers: BLEND, SUSTAIN, RISE, TAIL, Switches: GROUP/SINGLE, SPLIT/MIX, additional footswitch input. |
| Indicator | 3-level check and pedal state indicator |
| Connectors | IN, CLEAN OUT/FSW, OUT, SEND, RETURN |
| Power Consumption | 1.8W |
| Power Requirements | min 200mA, 9VDC, center negative 2.1 x 5.5 mm plug |
| Product Dimensions | WLH 90 x 195 x 72 mm (3.55 x 7.7 x 2.8 in) |
| Product Weight | 1020 g (2.25 lbs) |

Extended Description:

What is the PLUS Pedal?

The PLUS pedal is a new kind of audio processing engine that offers piano-style sustain for electric guitars and all other melodic instruments. This is more than just a stompbox – it is a vast extension of your instrument that bridges the gap between rhythm and lead playing and lets players explore totally new territories.

How it works?

The PLUS Pedal does not generate sounds with oscillators and filters! Instead – think of it as a sort of “**Smart Looper**” that only *catches* the second half of each note or chord you play and samples that short snippet of sound into a seamless, continuous loop.

This technology called “Real Time Audio Sampling” ensures that each sustained note or chord will retain the exact character of your instrument and your playing style.
This method is also fully responsive to any playing style - create continuous layers of sustain incorporating **vibrato**, **bends**, **harmonics**, **trills** and other **dynamic playing techniques**. You can use the **whammy bar**, play with a **slide** or experiment with amp **feedback** or **noises** – the PLUS Pedal will capture all these tonal nuances and turn them into a continuous sound.

The PLUS Pedal can be used with all **other acoustic instruments**, such as **brass** or **woodwinds**, or even **vocals**. Use a standard microphone to produce amazing polyphony in real-time and create **multiple voices**.

Key features

- **Full spectrum of sustain controls** – 4 knobs (Blend, Sustain, Rise, Tail) allow to modify all parameters of the sustain tones
- Multiple layers allow stacking up to 5 notes or chords simultaneously.
- Unique design – a brilliant combination of a guitar stomp-box and piano’s damper pedal. The steel case will make sure it lasts, and the classy look will make it fit on any stage, from café guitarist to rock band to jazz trio.
- Two Outputs will allow you to use the PLUS with a two amplifier setup or split your effects chain.
- FX Loop allows you to link the PLUS Pedal with any other effects unit and use it to modify the Wet signal

What is it for?

The PLUS Pedal is an extension of your instrument, allowing to create multiple layers on the go. From jazz-voice leading to heavy post-rock drones – the Plus Pedal allows the guitarist to do more with the instrument! A useful tool in any context - live performances, songwriting & arrangement, creating drones, ambient soundscapes, cinematic sound effects, and much more.

It is also a fantastic tool for aural training and practicing improvisation. Instead of thinking about which scale shape fits over what changes – the PLUS Pedal focuses all of your attention on listening to the tonal relationships between the chord and the notes you play on top.

How is it different?

-The PLUS Pedal is not a looper, nor a delay or a reverb pedal - it is a whole new type of effect based on real time sampling and looping.
-unlike synth-based units – the PLUS does not produce an annoying digital-sounding tone. The PLUS Pedal’s Wet signal is built from short samples of your instrument’s output, thus preserving the character of each note you play.
-it is not just for guitars – The PLUS Pedal can be used with any melodic instrument, including saxophones, horns, trombones, violins, cellos and many more.
-The PLUS Pedal features two outputs and a separate FX Loop which lets you create very interesting combinations of pedals