

# GUITAR Amp

# WELCOME!

Thank you for downloading Plektron Guitar Amp free edition.  
This guide explains how to use GA quickly and easily.

## DETAILS

Plektron GA is only compatible with Microsoft Windows systems. The stand-alone version requires the use of an ASIO driver while the plugin version requires the use of a sequencer compatible with VST plugins.

### Microsoft Windows OS:

- ☐ Windows® XP
- ☐ Vista® (32/64 Bit)
- ☐ Windows 7® (32/64 Bit)

### Minimum required:

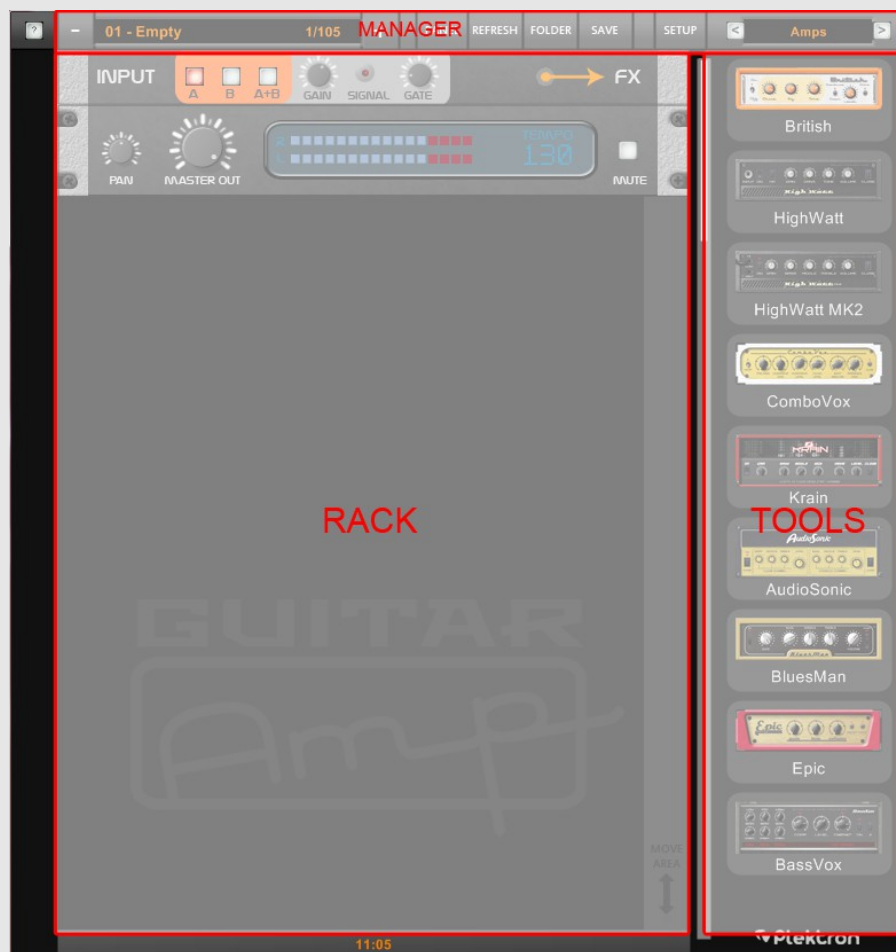
- ☐ Pentium4® or AMD, 2GHz or higher (multicore recommended)
- ☐ 512MB RAM
- ☐ ASIO® board for standalone use
- ☐ VST host for vst plugin use
- ☐ Midi controller (recommended)

## INSTALLATION

After downloading from [plektronfx.com](http://plektronfx.com) GA site:

- ☐ extract the zip file and copy /move the folder in your folder VstPlugIns
- ☐ Install the GA.TTF font
- ☐ click with the right mouse button on "guitar amp 2.0 FE.exe" then "send to" then "desktop shortcut"

# PREVIEW



GA is divided into two main areas::

- ❑ RACK
- ❑ TOOLS

**Rack:** Rack: this section includes the different modules (amplifiers, cabinets, effects, etc)

**Tools:** here all the modules included in GA free edition.

# SETUP

Before starting to use GA some settings are required. To open the SETUP panel click “SETUP” in the manager section.

Attention: Some settings are only available in stand-alone mode.



**Quality:** it adjusts the refresh rate, set to "normal" in case more resources to the system are required.

**Aspect:** GA look can be changed in different colours.

**Zoom Level:** the window size can be changed (only in stand alone mode)

**Audio device:** set the ASIO driver to use, in case you don't have a sound card with ASIO driver , install alternative drivers as asio4all [www.asio4all.com](http://www.asio4all.com). (only in stand alone mode)

**Midi in device:** set up to two MIDI controller (only in stand alone mode)

To confirm and save the settings, click OK or CANCEL.

# RACK



Now you can start using Plektron Guitar Amp!

GA uses inputs 1 and 2 of your audio card, so connect your instrument guitar / bass. From the Tool bar to the right, choose one of the available modules, then click on the thumbnail and drag to the rack so that a red bar appears, release and the module will be loaded into the rack.

If some modules are already present in the rack, drag a new module in the rack and then move up or down, the module will be placed in the point shown by the red bar. In GA the audio signal is sequential, then the module INPUT immediately goes to the form in which it will process the signal up to the MASTER module, then the order of the modules influence the effect on the final sound.

To move a module, it is enough placing the pointer over the module right edge, the pointer changes from an arrow to a hand, now drag the mouse at the point where you want to move the module. The red bar indicates where the modules is going to be placed.

To remove a module, press the CLOSE button on each form.

When the rack area is full, you can scroll the view by using the sidebar.

# MIDI

Most of GA knobs and buttons can be quickly and easily controlled via MIDI.

Make sure a midi device has been setup in the standalone version panel or that a MIDI input has been assigned to the VST plugin (refer to the manual of your host in use).



To control a knob or button via midi:

click with the right mouse button on the desired knob or button, then select the MIDI LEARN from the drop-down menu, move a command of your MIDI controller. Now the knob or button is controlled by your MIDI controller.

To deselect a command, click with the right mouse button on the knob or button and choose the voice NONE.

Guitar amp also contains a synthesizer module, the input assigned to midi GA will also be used for the synth module.

**WARNING:** the commands sent from the MIDI controller must be "CC" type for knobs and "NOTE ON / OFF" type for buttons.

# MODULES

Plektron Guitar Amp Free Edition contains a selected modules including:  
British amplifiers, cabinet, bass amp, reverb, fuzz, etc..  
Here below a table with the operation of each module:

**Module:** the module name

**Type:** it identifies the module type

**Input:** it indicates whether the input signal is monophonic or stereophonic\*

**Output:** it indicates whether the output signal is monophonic or stereophonic\*



\* If a stereophonic module is placed before a monophonic module, the sound will loose stereo.

-- All amps do not refer to physical models and simulate the typical behavior of valves and transistors.

## Modules

**Module:** British

**Type:** Guitar Amplifier

**Input:** Mono

**Output:** Mono



British amp is a vintage style amplifier that fits multiple sounds, it can be used in clean or overdrive mode. British amp also includes an equalizer with four already set curves and a tone control for high frequencies.

### CONTROLS:

ON / OFF: Enable / disable the amplifier

DRIVE: it adjusts the gain / distortion input

EQ: selects one of the four EQ curves already set

TONE: it adjusts the high frequency gain

OVERDRIVE / CLEAN: select the operation mode

LEVEL: it adjusts the audio output level



## Modules

**Module:** BassVox

**Type:** Bass Amplifier

**Input:** Mono

**Output:** Mono



BassVox is an amplifier for bass guitar, it already contains all that a bass player needs, including an equalization section, compression and cabinet simulation.

### CONTROLS:

ON/OFF: it enables/disables the amplifier

LOW/MID/HIGH GAIN: it adjusts the gain of the EQ band

LOW/MID/HIGH FREQ: It adjusts the frequency band equalizer

COMP: it adjusts the compression of the input signal

LEVEL: it adjusts the audio output level

CABINET: it selects the cabinet model

## Modules

**Module:** Cabinet

**Type:** Simulatore di Cabinet

**Input:** Mono

**Output:** Stereo



Cabinet is a Cabinet simulator that makes the amplifier sound realistic. Each type of cabinet preset has its own characteristic in response of frequency and dynamic. The available cabinets are the respective of each amplifier but it is possible to combine amp and cabinet to your own taste to get different sounds..

It is recommended putting the Cabinet in the effect chain after an amplifier.

### CONTROLS:

EDIT: it shows/hide controls

CABINET TYPE: it selects a cabinet model

PRESENCE: it extends the stereophonic base in order to depth the sound

EFFICENCY: it adjusts the simulation efficiency of the selected cabinet

## Modules

**Module:** Fuzz

**Type:** Distorsore

**Input:** Mono

**Output:** Mono



Fuzz is a classic distortion effect, compared to the typical overdrive distortion, Fuzz is very sharp because you get almost a square wave output. This kind of distortion is suitable for metal and hard rock genres but featured solo parts.

It is recommended putting the Fuzz in the effect chain before an amplifier.

### CONTROLS:

ON/OFF: it enables/disables the distortion

Fuzz: it adjust the gain/distortion of rectifier

LEVEL: it adjust the output level

## Modules

**Module:** Compressor

**Type:** Dynamic compressor

**Input:** Stereo

**Output:** Stereo



Compressor is a classic dynamic compressor/limiter.

### CONTROLS:

ON/OFF: it enables/disables the compressor

GAIN: it adjusts the gain input

THRESHOLD: it adjusts the compressor threshold

RATIO: it adjusts the compressor ratio

ATTACK: it adjusts the attack time

RELEASE: it adjusts the release time

SOFT CLIP: it enables the soft clip to limit the signal to 0db

OUT LEVEL: it adjusts the output level

VU REDUCTION: it shows the compression level

VU OUT LEVEL: it shows the output level signal

## Modules

**Module:** Vintage Reverb

**Type:** Reverb

**Input:** Stereo

**Output:** Stereo



Vintage Reverb is a classic reverb effect. Indispensable to all kinds of sounds.

### CONTROLS:

ON/OFF: it enables/disables the effect

MIX: mixes the original with the processed sound

PRE-DELAY: it adds a delay to precessed signal

ROOM SIZE: it adjusts the room size simulated

ROOM WIDTH: it adjusts the room width simulated

## Modules

**Module:** Tuner

**Type:** Utility



Tuner is a chromatic tuner that can tune all the 12 notes of the scale.

NOTE: tuner works only with input A

### CONTROLS:

ON: it enables the tuner

## Fixed Modules

**Module:** Input

**Input:** Mono/Stereo

**Output:** Stereo



This module is not replaceable and allows you to select the input source.

### CONTROLS:

**INPUT:** it selects the audio input: A (input1/left), B (input2/right) or A+B.

**GAIN:** it adjusts the input level

**GATE:** it adjusts the threshold of the noise gate (at minimum the noise gate is always open)

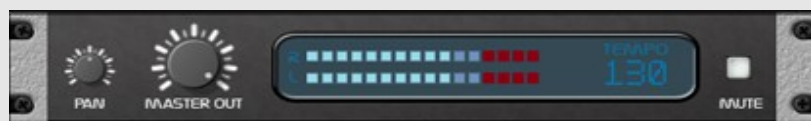
**SIGNAL:** it indicates when there is an audio signal

## Fixed Modules

**Module:** Master

**Input:** Mono/Stereo

**Output:** Stereo



This module is not replaceable and allows you to monitor the audio output.

### CONTROLS:

**PAN:** it adjusts the left/right balance

**MASTER OUT:** it adjusts the master level

**TEMPO:** it shows the host tempo in vst, it shows/sets the master tempo in stand alone.

**MUTE:** it mutes the signal

**LEVEL METER:** it shows the output signal level





**WWW.PLEKTRONFX.COM**

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