

GTRS APP Update Information

The first intelligent guitar with non-linear modelling technology ever

Quick Glance

High-quality amplifier and cabinet simulations are launched for GTRS in the GTRS Cloud for GTRS users to download.

We launched the GE Labs App built with MNRS technology on the iOS platform in 2022. The brand-new App allows MOOER users from all over the world to share their unique presets and tones easily via Cloud. Furthermore, in 2021, MOOER G200/GE250/GE300/PREAMP MODEL X has joined the MNRS ecosystem allowing users of MOOER's popular multi-effects can enjoy high-quality tone easily with MNRS file loading.

After a long-term investigation, we are proud to announce that the GTRS intelligent guitar series joins the MNRS ecosystem!

Better Experience, friendly for beginner

The powerful MNRS technology and the Cloud allow users to capture and share the tone of the amplifier easily. However, the huge data bank of sample files may confuse some beginners. Therefore, MOOER engineers decided to select the best-uploaded files manually so that users can save time from selecting and testing, just click and play it.

If you are a fresh-hand guitarist, and not familiar with the tone of amp models, please do not worry. You can also download the preset setting file of a complete effect chain. In another word, you can get the ideal tone quickly without wasting time on endless tweaking.

MOOER Non-linear Response Sample

MNRS (MOOER Non-linear Response Sample) technology is developed by MOOER engineers from their years of tone modeling experience.

During the sample creation process, the MNRS engine2.0 will send a series of signals to your target equipment to test the sonic response and analyze the tonal qualities. From there, data such as frequency characteristics, tube drive characteristics, and tonal responses will be combined into a higher-order non-linear model to achieve the same tonal characteristics and feel of the sampled equipment.

About the MNRS files you need to know beforehand

In the GNR area, there are E and P two different kinds of files.

E (Entire) indicates the entire sample file, which includes the tone decoration of the preamp, power

amp, and cabinet. When using this file, please turn off the CAB module.

P (Preamp) indicates the preamp sample file, which includes the tone decoration of the preamp module only. When using this file, please turn on the CAB module.

The GIR area is the impulse response file area for CAB. Recommend to turn on the AMP module for use or use it with the P-GNR files.

PS: Different GNR and GIR files may have different volume levels, as the volume setting during capture is different for different amplifiers and cabinet. Please balance the volume level manually when switching between different sample files.

Important Tips of Update

1. Please first update your GTRS APP then update the firmware via the latest GTRS APP. Otherwise, the GTRS guitar might not have output. If you have already updated and the issue caused, please update your GTRS APP and reset your GTRS guitar with the latest APP
2. After the successful update, you might find the issue to save your preset when you using GNR/GIR samples, please turn off the Cab sim feature in the system setting then save the preset
3. Because the new update includes GNR/GIR and the EQ module, it will affect the tone of your previous presets. It is recommended to back up your presets via Cloud, reset the pedal to factory setting after the firmware update is complete, then recall your preset via Cloud.

GNR (E)ntire sample files

E-MATCH 30: Based on the clean channel and overdrive channel of Matchless DS30. Suitable for modern clean, British clean styles.

E-Gumble: Based on the clean and overdrive channels of a Dumble-type boutique amplifier.

E-PUNK OD: Based on the Blockhead. It is known as the amplifier built for the famous punk producer Jerry Finn. The amplifier is a rate-modified version of Super Plexi. If you are looking for school punk or modern pop punk, it should be your cup of tea.

E-PLEXI: Based on the Marshall 1897, classic Marshall Plexi tone.

E-Victoria 30: Based on the clean channel, overdrive channel, and distortion channel of Victory V30 amp. Which is one of the most popular amplifiers.

E-5053: Based on the EVH 5150 III, unique modern high gain tone.

E-US 65: Based on the clean channel and overdrive channel of Fender Twin Reverb 65. The symbolic electric guitar amplifier tone, the classic US clean and overdrive tone.

E-JVM210: Based on the Marshall JVM210, classic Marshall JVM series tone, suitable for both classic rock style and modern drive style.

E-JP2C: Based on the Mesa Boogie JP-2C, which is the John Petrucci signature model, perfect for recreating the Dream Theater tone.

E-SD50A: Based on the MOOER SD50A acoustic guitar amplifier. Recommend to use the acoustic guitar simulation in the TONE CAPTURE of your GTRS, turn off the CAB for use.

GNR P(Preamp) sample files

P-Match 30: Based on the clean channel and overdrive channel of the Matchless DC30's preamp module. Recommend to use with 112, 212 cabinet simulation to get the modern British tone.

P-Gumble: Based on the preamp of a Dumble-style boutique amplifier, it has a clean channel and an overdrive channel.

P-Custom 100: Based on the clean channel and overdrive channel of the Custom Audio OD100 preamp module. For the classic Blackface clean tone, and the 70s golden rock tone.

P-5053: Based on the EVH 5150 III preamp module, including the clean channel, overdrive channel, and distortion channel. It has better sound quality than that of the 5150 amp model in the GTRS factory effect bank.

P-BE100: Based on the distortion channel of Friedman BE100 preamp module. Tight and modern Marshall distortion tone.

P=Lonestar: Based on the Mesa Boogie Lonestar preamp module, including the Mesa-style classic clean channel and overdrive channel.

P-VH4: Based on channel B and channel C of Diezel VH4 preamp module. Classic metal tone, perfect for the modern metal player.

P-Powerball: Based on the distortion channel of ENGL Powerball preamp module, classic German style distortion tone.

P-Savage: Based on the distortion channel of ENGL Savage preamp module, classic German style distortion tone.