

# Diabolus User's Manual

## **Premium TSM™ -AI Amplifier Component Developed by Two notes Audio Engineering for use Exclusively Within GENOME**

### **Important Notice**

Diabolus is a GENOME Component and as such requires a Two notes account and a full license to GENOME in order for the component to be used in a full-featured state. For pre-purchase demonstration purposes, Diabolus can be demo'd for free within both a full-GENOME license variant and the 14-day GENOME trial accessible here. To obtain a full GENOME license, please head to [GENOME.Two-notes.com](https://genome.two-notes.com).

### **Introduction**

The complete electronic version of this manual, and the related Diabolus software application, are subject to updates without notice. To download the most up-to-date manual for Diabolus and GENOME - alongside user guides for all Two notes Audio Engineering products - head over to the [Two notes Audio Engineering](https://www.two-notes.com) website.

This manual describes the use, features and functionality of Two notes' Diabolus in tandem with the GENOME plugin application, detailing comprehensive instructions for its intended operation. It is highly recommended that you read this document before using the software. The contents of this manual have been thoroughly verified and is believed, unless stated otherwise, to accurately describe the product at the time of download availability from the Two notes Audio Engineering website.

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# Diabolus



Introducing Diabolus, a premium twin-channel TSM-Ai powerhouse, precision-engineered to unleash the ultimate modern metal onslaught. Inspired by the legendary Randall® Ola Englund Signature Series Satan—crafted under the expert hand of world-renowned amp guru Mike Fortin no less—Diabolus is the fiercest TSM-Ai amplifier in our arsenal. Captured with stunning accuracy, it delivers all the raw aggression and unrelenting brutality of the most savage amplifier Randall® has ever created.

The following parameters are available within the Diabolus Component

- **INPUT: PASSIVE / ACTIVE (Switch):** Switches Diabolus' input from Passive to Active

operation, optimising the amplifier's input scaling in line with the connected guitar's pickup specification

- **CHANNEL SELECT: CHANNEL 1 / CHANNEL 2 (Switch):** Switches between Diabolus' CHANNEL 1 and CHANNEL 2
- **CHANNEL 1 Controls:**
  - \* **GIRTH: Frequency selective gain control for bass, applying a scaled gain boost for low-frequency content**
  - \* **GRIND: Frequency selective gain control for treble, applying a scaled gain boost for high-frequency content**
  - \* **GAIN: Adjusts the input gain for Diabolus' CHANNEL 1:** inclusive of the sum of the GIRTH and GRIND gain staging - affecting the summative volume and subsequent drive produced by the related CHANNEL
    - **SWEEP:** Provides a scaled shift in the frequency points of CHANNEL 1's tone stack creating shift in the tonal character of the related CHANNEL's sound output
    - **VOLUME:** Sets the volume of Diabolus' CHANNEL 1 relative to the volume of Diabolus' CHANNEL 2
    - **BASS:** Use this control to attenuate or boost the Bass frequency content of the related channel's processed signal
    - **MIDDLE:** Use this control to attenuate or boost the Mid-Range frequency content of the related channel's processed signal
    - **TREBLE:** Use this control to attenuate or boost the High frequency content of the related channel's processed signal
    - **BOOST (Switch):** Engages or disengages a fixed upper mid-range gain boost
- **CHANNEL 2 Controls:**
  - **GAIN:** Adjusts the input gain for Diabolus' CHANNEL 2 affecting the volume and subsequent drive produced by the related CHANNEL
  - **BRIGHT (Switch):** Engages or disengages a high frequency boost that becomes less active as the related CHANNEL's GAIN control is increased
  - **VOLUME:** Sets the volume of Diabolus' CHANNEL 2 relative to the volume of Diabolus' CHANNEL 1
  - **BASS:** Use this control to attenuate or boost the Bass frequency content of the related channel's processed signal
  - **SHIFT (3-Way Switch):** Engages or disengages three different fixed voicing options for Diabolus' CHANNEL 2
  - **MIDDLE:** Use this control to attenuate or boost the Mid-Range frequency content of the related channel's processed signal
  - **TREBLE:** Use this control to attenuate or boost the High frequency content of the related channel's processed signal
- **POWERAMP Controls:**
  - **PRESENCE:** Applies a scaled presence boost to the sound output of the Diabolus Component
  - **DEPTH:** Applies a scaled low frequency content boost to the sound output of the Diabolus Component
  - **MASTER** - Sets the global volume of Diabolus' Poweramp; increased values drive the Poweramp resulting in increased distortion, harmonics & compression
- **P.AMP ON/OFF (Switch):** Enables or disables the poweramp emulation for both channels of the Diabolus TSM-Ai amplifier. When disabled we recommend using the stock POWERAMP GENOME Component to configure a custom Poweramp emulation immediately post the Diabolus Component
- **POWER ON/OFF (Switch):** Sets whether the TSM-Ai component is bypassed or engaged
- **QUALITY MODES:** The following quality modes are accessible via the ellipses menu in the Diabolus TSM-Ai amplifier interface
  - **STANDARD:** Engage this setting for performance / playing scenarios where low CPU load

is required

- **HIGH:** Engage this setting for improved definition and reduced aliasing, perfect for render-centric scenarios

## Technical Support

Should you encounter a problem with your product or need general assistance regarding your purchase, Two notes Audio Engineering has developed an on-line service to provide you with fast and efficient technical support, the Two notes [Help Desk](#). Here you can submit a ticket and a member of our support team will be glad to assist you in your enquiry.

In addition, for common questions and general reference, don't hesitate to [browse the Knowledgebase](#).

## Connect With Us!

### 1. The Two notes Website

Looking for more information about Two notes Audio Engineering? Your first port of call is the [Two notes website](#). Here you will find:

- News about the company and our product portfolio
- Comprehensive information about [GENOME](#)
- [Firmware & software updates](#) across the entire Two notes product portfolio
- Access to the Two notes Store where you can buy new DynIR™ Virtual Cabinets
- An official forum where you can share tips and advice with other Torpedo users.

### 2. Connect With Us!

You can also follow us on [Facebook](#), [Instagram](#) and [Twitter](#) - we also have a [group on Facebook](#) where customers from all over the world get together to discuss gear and tone, would be great to see you there!

### 3. Sign-up to the Newsletter

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