

HYNOTONE

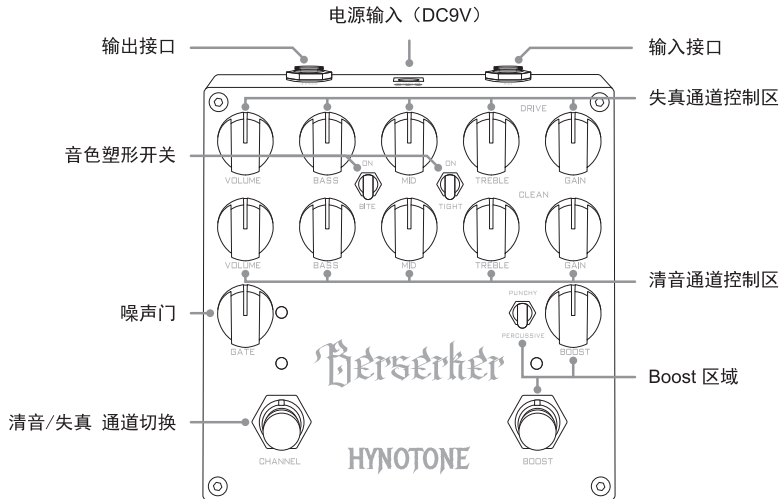
Berserker

产品说明书  
User Manual

# 产品简介

Berserker 是一款配备清音与失真双通道，并内置 JFET 激励电路与超低噪声 JFET 噪声门的前级效果器，覆盖从传统金属到前卫金属的各种音色，一个单块即可替代完整箱头的主要音色功能。

# 面板说明



# 功能说明

## 清音/失真通道控制区（每个通道各自独立）

Berserker 是一款双通道（Clean / Drive）前级效果器。

两个通道各自配备独立的 Gain、Volume 以及 BASS / MID / TREBLE 三段均衡，互不影响，但功能定义一致。

您可预设两种不同音色，并通过左下方的 CHANNEL 脚钉实现无缝切换。



### VOLUME:

音量控制，用于调节该通道的输出音量

### BASS:

低频控制，调节低音的大小。

### MID:

中频控制，调节中频的量和厚度。

### TREBLE:

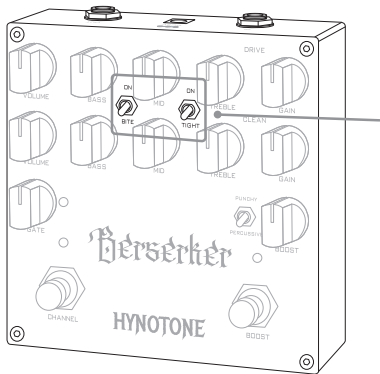
高频控制，调节音色明亮度。

### GAIN:

增益控制，调节增益和失真程度。

# 功能说明

## 音色塑形开关（仅失真通道可用）



### BITE 开关:

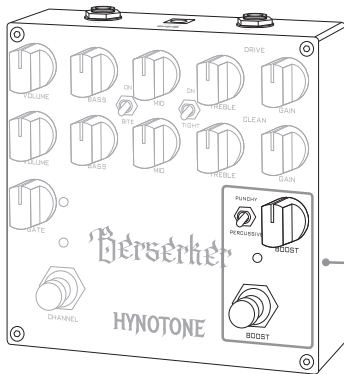
切换到 ON 后，使中频更突出和靠前。

### TIGHT 开关:

切换到 ON 后，通过调节输入低音使音色更紧致。  
推荐 7 弦重型使用。

# 功能说明

## Boost 区域（仅失真通道可用）



### 音色模式选择

#### PUNCHY 模式：

收紧低频但不过度，使声音富有冲击力且饱满。中频突出且聚焦，在增加侵略性的同时更具音乐性和韵味。

#### PERCUSSIVE 模式：

声音收紧且具有中频磨砂感和节奏感强的高频，充满泛音，极具侵略性，展现更高的弦清晰度。配合 TIGHT 开关可以获得更紧凑和更高弦清晰度的音色。

### BOOST 旋钮：

调节 PUNCHY / PERCUSSIVE 模式的效果强度。  
顺时针旋转，为音色叠加更强的冲击力与打击感，带来具有压缩感与侵略性的暴力音色。

### BOOST 开关指示灯：

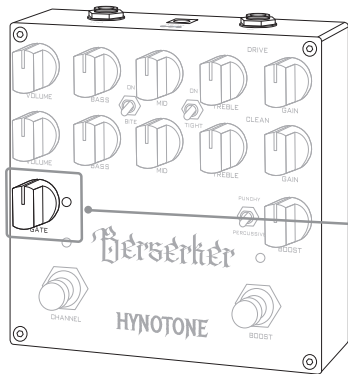
灯亮即启用 BOOST 功能。

### BOOST 脚钉：

BOOST 开关。踩下开启增益提升，再踩一次关闭。

# 功能说明

## 噪声门（仅失真通道可用）



### GATE 旋钮：

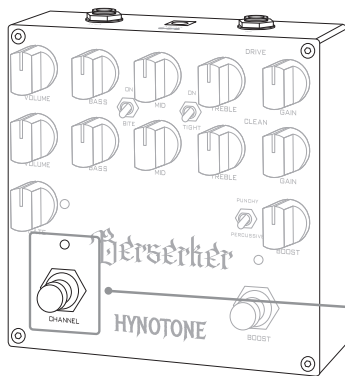
该旋钮可调整噪声门的阈值，顺时针旋转提高阈值。阈值越高，降噪效果越强；阈值越低，保留更多信号。无论阈值设置如何，噪声门的自适应释放的设计都能确保声音的自然过渡。

### 注意：

1. 噪声门仅作用于失真（Drive）通道。
2. GATE 旋钮右侧指示灯显示当前降噪强度，强度越强，指示灯越亮。

# 功能说明

## 清音/失真 通道切换

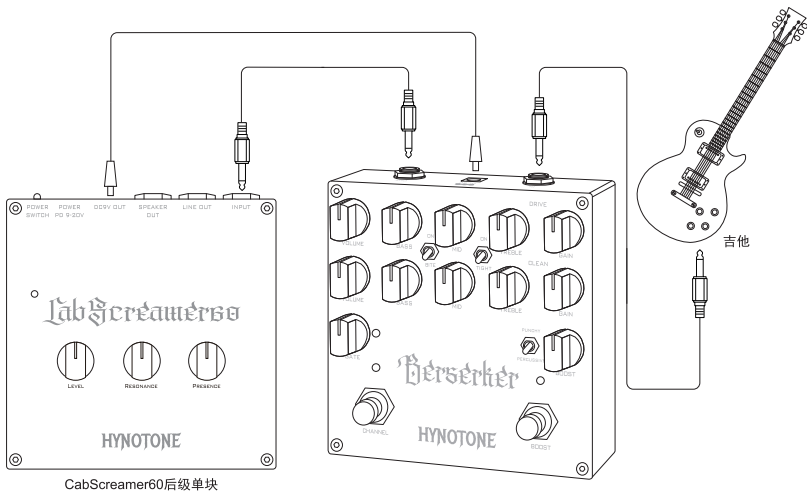


**CHANNEL 脚钉：**  
用于切换清音通道（绿灯）和失真通道（红灯）

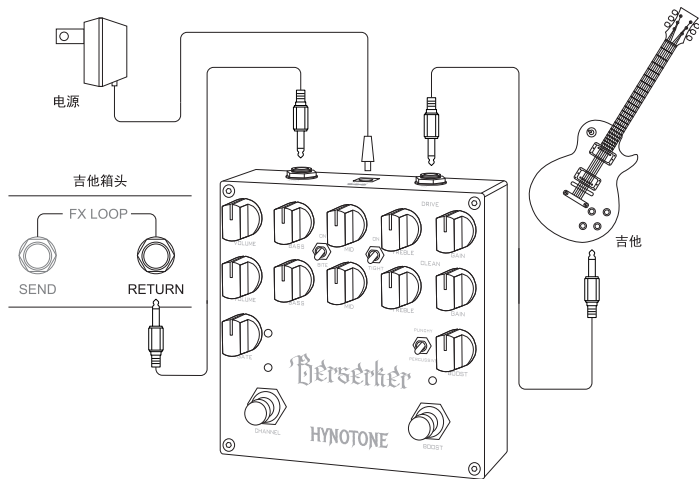


## 连接

Berserker 的输入连接吉他，输出可连接后级功放（例如 CabScreamer60）或吉他箱头的 FX Return 接口。



# 连接



## 注意事项

- 请使用正确的 9V 电源连接，不使用时或雷雨天气请拔下电源。
- 为避免错误操作，请在进行任何连接前调低音量并关闭所有设备电源。
- 不得将本机搁置在高温、潮湿的环境，更不得淋雨或者受强烈冲击。
- 不得随意拆开机壳，如需维修应请专业维修人员处理。
- 对因产品的故障而直接或间接引起的任何损失或损坏不予负责。
- 因产品改进，规格及功能若有变动恕不另行通知。

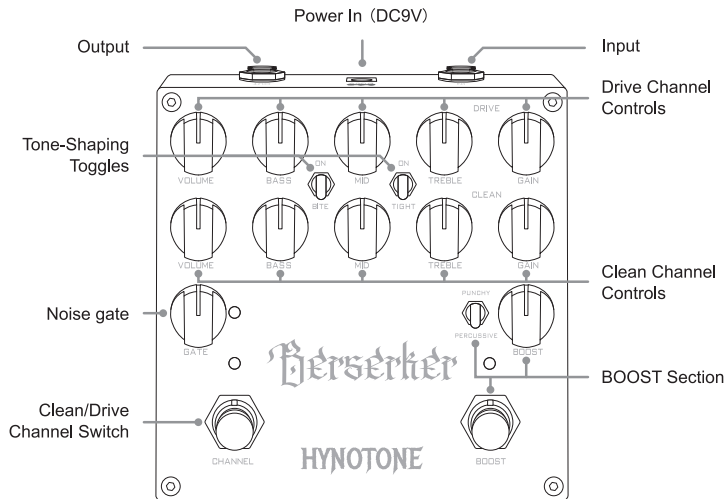
## 参 数

尺 寸	120mm * 124mm * 60mm
重 量	510g
电 源 输 入	DC9V（内负外正）范围 7-12VDC
电 流 消 耗	20mA 典型 100mA 最大
输 入 接 口	6.35mm TS 接口
输 出 接 口	6.35mm TS 接口
输 入 阻 抗	1M $\Omega$
输 出 阻 抗	5.4k $\Omega$

# Introduction

Berserker is a preamp pedal featuring independent clean and drive channels, further enhanced by a JFET-based boost stage and an ultra-low-noise JFET noise gate. It covers everything from classic metal to modern progressive tones, enabling a single unit to take over the core tone-shaping duties of a full amp head.

# Panel Descriptions



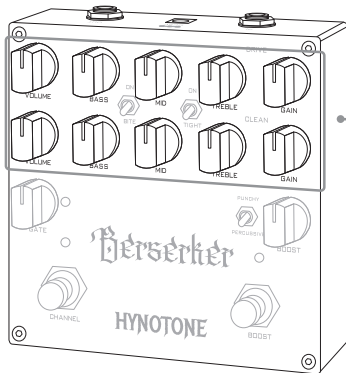
# Function Description

## Clean / Drive Channel Controls (Independent)

Berserker is a dual-channel (Clean / Drive) preamp pedal.

Each channel provides independent Gain, Volume and a 3-band EQ (Bass, Mid, Treble), allowing you to dial in two completely separate sounds.

Use the CHANNEL footswitch (bottom left) to switch seamlessly between the two channels.



### VOLUME:

Adjust the output volume.

### BASS:

Adjust the bass.

### MID:

Adjust the mid-frequency levels.

### TREBLE:

Adjust the brightness of the tone.

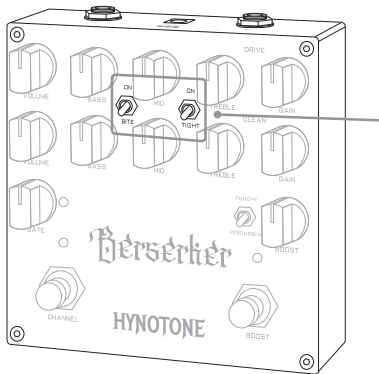
### GAIN:

Adjust the gain and distortion levels.

# Function Description

## Tone-Shaping Toggles (For Drive CH only)

These two settings can be used with either the Clean or Drive channel.



### BITE Switch:

When on, it makes the mid-frequency more prominent

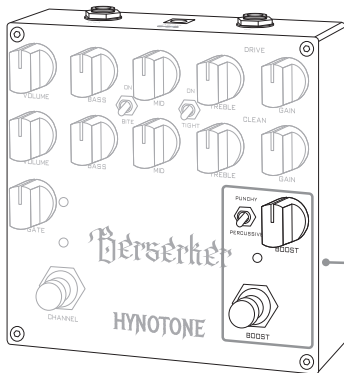
### TIGHT Switch:

Tighten the tone by adjusting the input bass. Recommended for 7-string guitar use.



# Function Description

## BOOST Section (For Drive CH only)



### Tone Mode Switch

#### PUNCHY Mode:

Tightens the bass but not too much, making it punchy and full. Mids are forward and focused. Adds aggression while being more musical and flavorful.

#### PERCUSSIVE Mode:

It tightens it right up and gives a mid grind and percussive highs. Maximized aggression filled with overtones. Adds greater string clarity. When paired with the TIGHT switch, it delivers an even more focused, tighter response with enhanced string definition.

### BOOST Knob:

Adjusts the intensity of the PUNCHY / PERCUSSIVE modes. Turning clockwise adds stronger impact and attack, delivering a more compressed, aggressive, and forceful tone.

### BOOST Indicator:

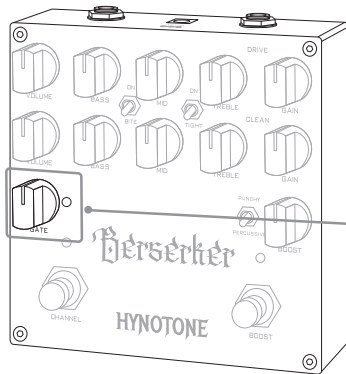
Lights up when BOOST is enabled.

### BOOST Footswitch:

Controls the BOOST ON/OFF.

# Function Description

## Noise gate (For Drive CH only)



### GATE Knob:

Adjusts the threshold at which the gate begins to attenuate the signal. Clockwise rotation increases the threshold for more aggressive gating, while counterclockwise rotation lowers the threshold, allowing more of the signal to pass through.

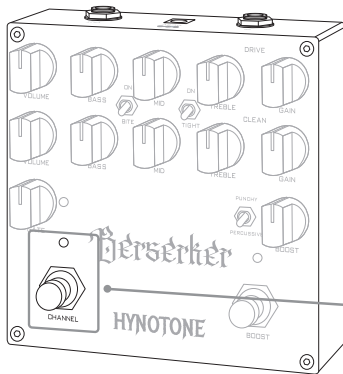
The gate's adaptive release ensures smooth and natural decay at any setting.

### Note:

1. The noise gate functions only on the Drive channel.
2. The indicator next to the GATE knob shows the current gate intensity—the brighter the LED, the stronger the noise reduction.

# Function Description

## Clean/Drive Channel Switch

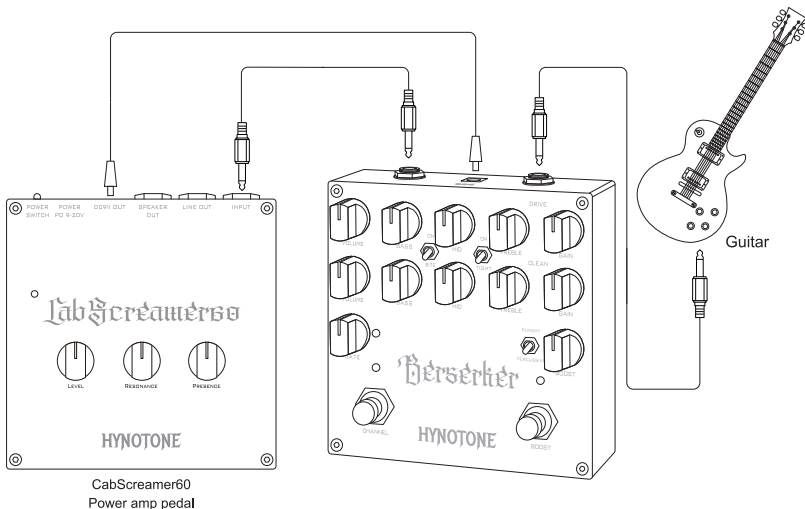


### CHANNEL Footswitch:

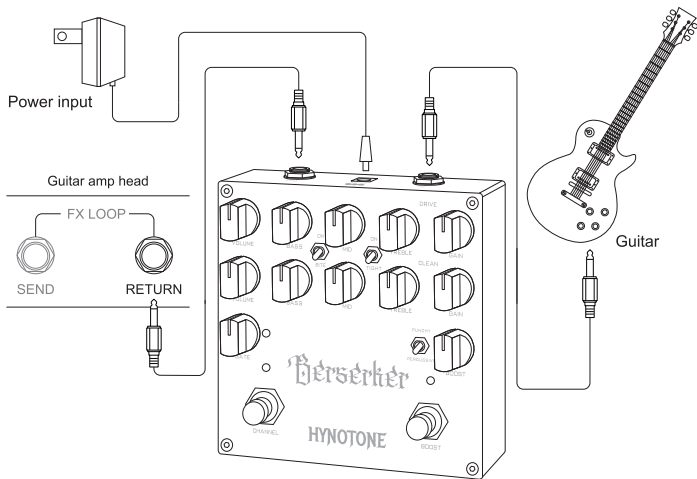
Used to switch between the Clean channel (green LED) and the Drive channel (red LED).

# Connection

Connect your guitar to the input of Berserker. The output can be routed to a power amp pedal (such as the CabScreamer60) or to the FX Return jack of a guitar amp head.



# Connection



# Precautions

- Please use a proper 9V power supply for connection, and unplug the power supply when not in use or during thunderstorms.
- To avoid incorrect operation, please lower the volume and turn off all devices before making any connections.
- Do not keep the unit in a hot, humid environment or hit the unit strongly.
- Opening the case instantly voids the warranty!
- Topping accepts no liability for any loss or damage arising directly or indirectly from the failure of CabScreamer60.
- For improvement purpose, specifications subject to changes without prior notice.

# Specifications

Measured	120mm * 124mm * 60mm
Weight	510g
Power input	center-negative 9V nominal, 7-12V range
Current draw	20mA typical, 100mA max
Input	6.35mm TS
Output	6.35mm TS
Input impedance	1M $\Omega$
Output impedance	5.4k $\Omega$