Amplification Taurus

OPERATING MANUAL
RIG DRIVER
Guitar Preamp & Di-Box



Designed by musicians for musicians

Thank you for choosing our RIG DRIVER preamp.

RIG DRIVER is a fully analog guitar preamp equipped with a Di-Box and an analog speaker simulation module. It has been designed as a practical alternative to a traditional guitar amplifier and speaker cabinet — especially in situations where transporting heavy equipment is inconvenient or stage conditions do not allow the use of a full rig.

RIG DRIVER lets you perform using your existing pedalboard without the need for an amplifier or guitar cabinet. Connect your effects to the preamp just as you would to a standard amp, and route the output of RIG DRIVER directly to a mixing console, an active FRFR speaker, or a standard PA system. The device can also operate as a standalone preamp when a guitar is connected directly to its input.

The analog speaker simulation preserves the natural character of your sound without using a physical guitar cabinet. The module allows you to select the speaker type, cabinet style, and microphone position, enabling you to achieve a consistent, guitar-friendly tone without digital CAB SIM processing.

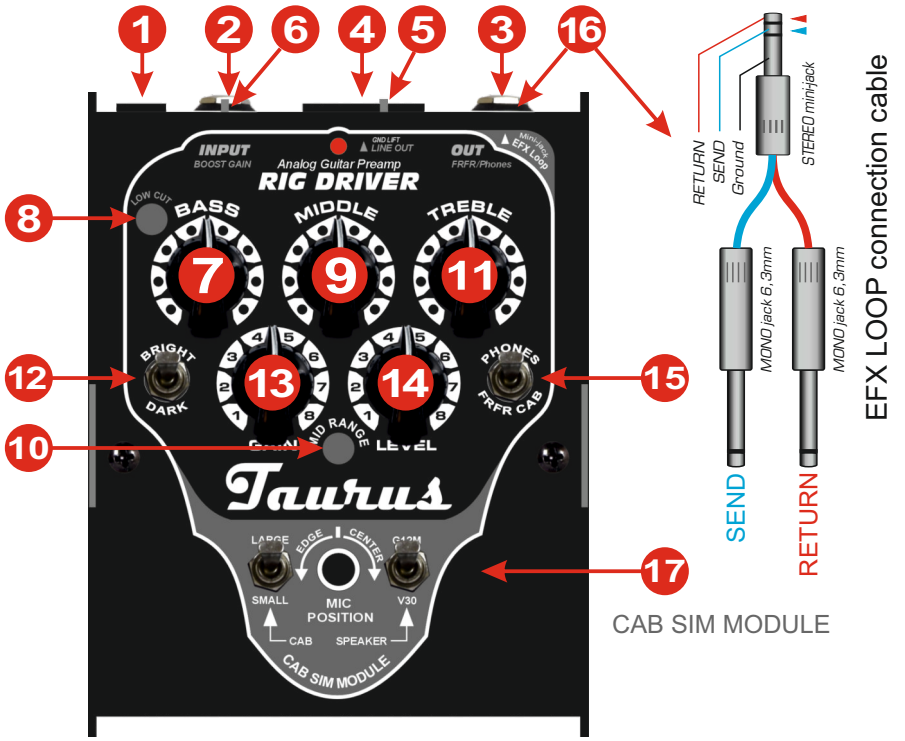
RIG DRIVER features a classic tone control section, a GAIN adjustment, and an effects loop. Additionally, the unit includes a headphone amplifier and two independent output paths: a balanced XLR/Di-Box output and a JACK output with both CAB SIM and DRY signal sections. This allows you to run two signal routes simultaneously — for example, XLR to the mixer and JACK to an FRFR speaker or headphones.

The entire design is fully analog, providing natural dynamics, excellent response to playing articulation, and a transparent tonal character. RIG DRIVER is a front-end solution for guitarists who prefer an authentic analog feel and full control over their sound — without an amplifier and without a cabinet.

Specyfication

- LEVEL – output volume control.
- GAIN – adjusts the saturation and dynamic response of the input signal.
- BOOST GAIN – increases input sensitivity and enhances signal saturation.
- BASS – low frequency tone control.
- LOW CUT – low frequency reduction switch.
- MIDDLE – mid frequency tone control.
- MID RANGE – shifts the operating range of the MIDDLE control.
- TREBLE – high frequency tone control.
- DARK/BRIGHT – switchable high frequency contour.
- Built in headphone amplifier.
- FRFR CAB / PHONES – selector that defines the function of the JACK output. Two options are available: output for an active FRFR speaker or output for headphones.
- CAB SIM Module – analog speaker simulation module with selectable speaker type, cabinet size, and microphone position.
- XLR Line Output / DI Box – balanced output with speaker simulation.
- EFX LOOP – effects loop for connecting external effects in the preamp signal path.
- Power Supply: 9–15V with auto polarity, allowing the use of positive or negative center power supplies. A 15V supply provides increased headroom.
- DC CONVERTER – internal voltage converter boosting the operating voltage to 30V for increased dynamic range.
- Dimensions (H × W × D): 60 × 100 × 130 mm
- Weight: 0.5 kg (net)

Front panel



1. **Power Input** (9–15V) with auto polarity, allowing the use of positive or negative center power supplies
2. **INPUT** – ¼" jack input.
3. **OUTPUT** – multifunction ¼" jack output. Used for connecting an FRFR speaker or headphones.
   The operating mode is selected with switch 15. In FRFR CAB mode, the output provides two signals:
   TIP – signal with CAB SIM / RING – DRY signal without CAB SIM
4. **XLR DI Box Output** – balanced output for connecting a mixer or active speaker.
5. **GROUND LIFT** – disconnects ground from the XLR output to eliminate hum.
6. **BOOST** – increases the input signal by +10 dB.
7. **BASS** – low frequency tone control.
8. **LOW CUT** – low frequency reduction switch.
9. **MIDDLE** – mid frequency tone control.
10. **MID RANGE** – shifts the operating range of the MIDDLE control.
11. **TREBLE** – high frequency tone control.
12. **BRIGHT/DARK** – switchable high frequency contour.
13. **GAIN** – adjusts signal saturation and dynamic response.
14. **LEVEL** – output level control.
15. **PHONES / FRFR CAB** – selector defining the function of the OUTPUT jack.
    PHONES – position used for headphones
    FRFR CAB – position used for active speakers / FRFR systems
16. **EFX LOOP** – effects loop for external effects. Use a mini jack → dual ¼" mono cable.
    SEND is on the RING / RETURN is on the TIP

Quick Start

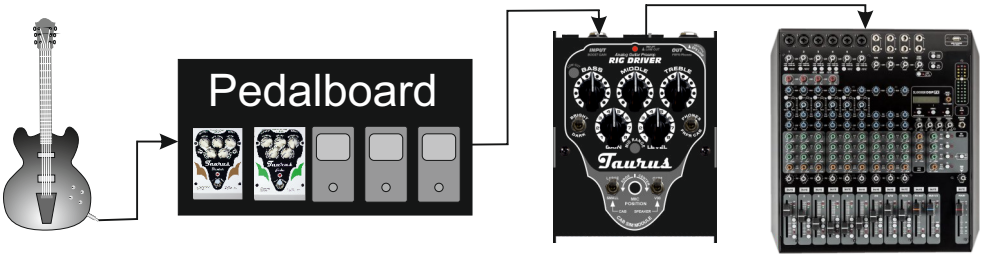
Below are the most common RIG DRIVER configurations. Each scenario describes the connection method and basic settings to get started quickly.

1. Connecting to a Mixer (XLR – DI OUT)

Purpose: Play without an amplifier or guitar cabinet, directly into a PA system.

1. Connect your pedalboard to the **INPUT**.
2. Set tone controls and **GAIN** to taste.
3. Select CAB SIM settings (speaker, cabinet, mic).
4. Connect the **XLR** output to a mixer or audio interface.
5. Adjust input gain on the mixer (gain staging).
6. If using delay/reverb, connect them via **EFX LOOP**.

Result: Natural guitar tone without an amp or cabinet.

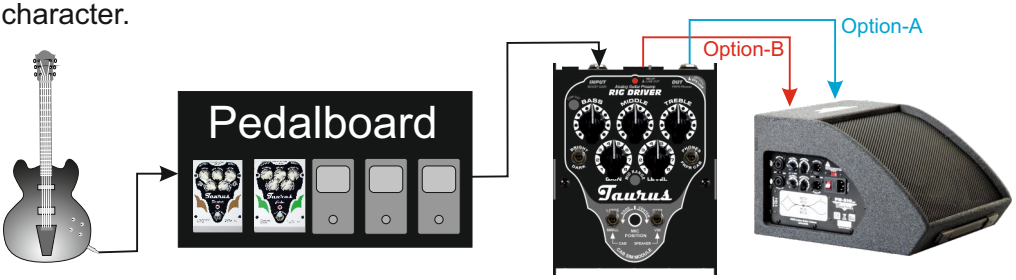


Connecting to an FRFR / Active PA Speaker

Purpose: Use an active speaker instead of a guitar amplifier.

1. You can connect an FRFR speaker in two ways:
   via **JACK OUT** (option A) or **XLR** (option B).
2. When using **JACK OUT**, set the **PHONES / FRFR CAB** switch to **FRFR CAB**.
3. Adjust tone controls and **GAIN**.
4. Select CAB SIM settings.

Result: Tone similar to a mic'd guitar cabinet, with easy control over its character.

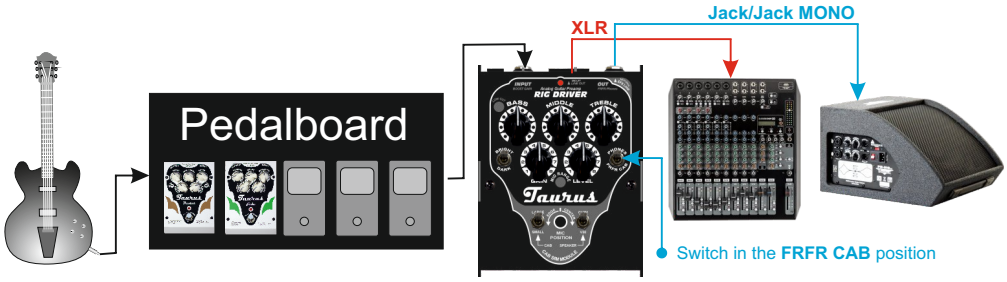


3. Hybrid Setup (XLR + JACK Simultaneously)

Purpose: Run two signal paths at once — e.g. FOH + FRFR monitor.

1. Connect your pedalboard to **INPUT**.
2. Set tone controls and **GAIN**.
3. Select CAB SIM settings.
4. Connect **XLR** to the FOH mixer (front-of-house system).
5. Connect **JACK – MONO** to an FRFR speaker or stage monitor.
6. Adjust levels on both devices.

Result: FOH receives full CAB SIM tone, while you have your own stage

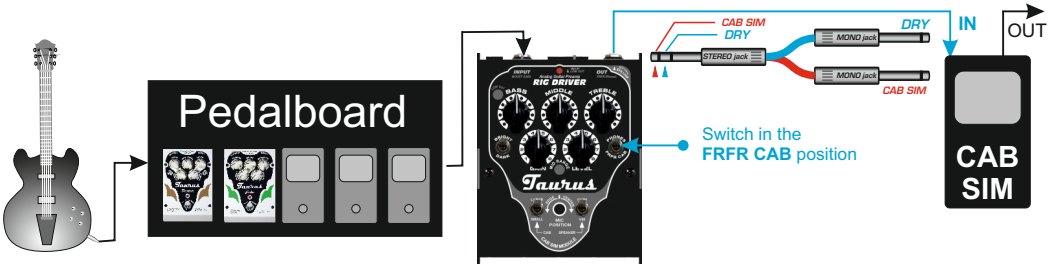


4. DI Recording / External CAB SIM (JACK – DRY OUT)

Purpose: Record a clean DI signal or use an external speaker simulator.

1. Connect your pedalboard or guitar to **INPUT**.
2. Connect **JACK STEREO – RING** (DRY) to an audio interface or external CAB SIM. Using a stereo jack cable allows simultaneous output of CAB SIM (TIP) and DRY (RING).
3. For DI recording, set the interface input level properly.
4. For external CAB SIM, configure it as needed.

Result: Clean signal without speaker simulation — ideal for DI recording or re-amping.

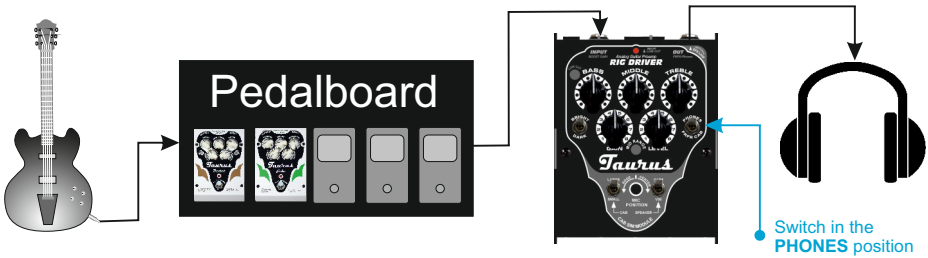


5. Playing with Headphones (HEADPHONES OUT)

Purpose: Silent practice with full guitar tone.

1. Connect your guitar or pedalboard to **INPUT**.
2. Connect headphones to **OUTPUT** and set **PHONES / FRFR CAB** to **PHONES**.
3. Adjust tone controls and **GAIN**.
4. Select CAB SIM settings.
5. Set headphone volume.

Result: Natural guitar tone without an amp or cabinet.

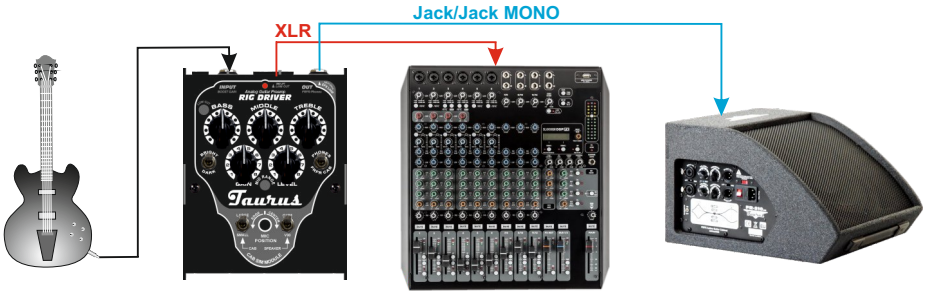


6. Using RIG DRIVER as a Standalone Preamp

Purpose: Minimal setup — guitar → preamp → mixer/FRFR.

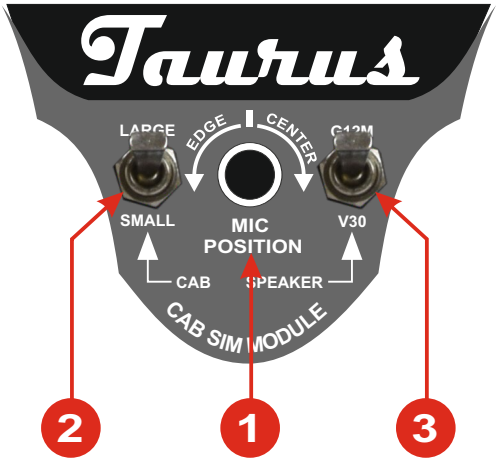
1. Connect your guitar directly to **INPUT**.
2. Adjust **GAIN** and tone controls.
3. Select CAB SIM settings.
4. Connect **XLR** or **JACK / JACK MONO** to the PA system.

Result: Simple, lightweight setup for rehearsals and live shows.



CAB SIM MODULE

The **CAB SIM** module provides an analog simulation of a guitar speaker cabinet. It allows selection of the speaker type **(V30 / Creamback)**, cabinet size (4×12 / 1×12), and microphone position, which acts as a simple EQ. This module delivers natural guitar tone without digital IR processing.



1. **MIC POSITION** – simulates microphone placement relative to the speaker.
2. **CAB** – selects cabinet type: large 4×12 or small 1×12.
3. **SPEAKER** – selects speaker type: Celestion V30 or Creamback G12M.

DESIGNED BY MUSICIANS FOR MUSICIANS

Amplification Taurus

www.taurus-amp.pl

CE

RoHS

TAURUS AMP ul. Irysowa 24 , 84-206 Zbychowo, POLAND
e-mail info@taurus-amp.pl / www.taurusamps.pl