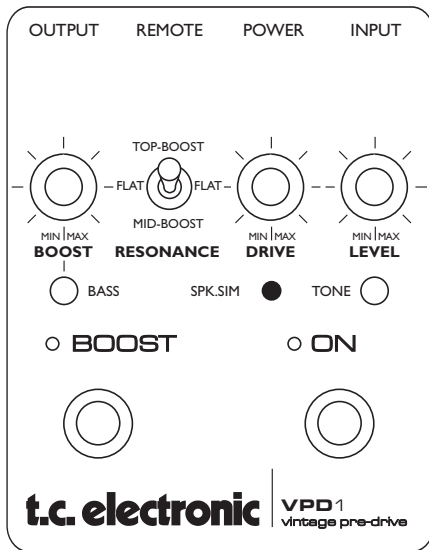


VPD1

vintage pre-drive



Users manual

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INTRODUCTION

The new VPD1, is an all-analog vintage pre-drive pedal capable of producing vintage tube style guitar tones. Based on TC's characteristic guitar pedal design, VPD1 features a drive section and an additional boost section with a resonance filter that allows for emphasizing treble or mid frequencies when the boost is activated. Furthermore a speaker simulation filter allows for excellent sound also in direct recording setups.

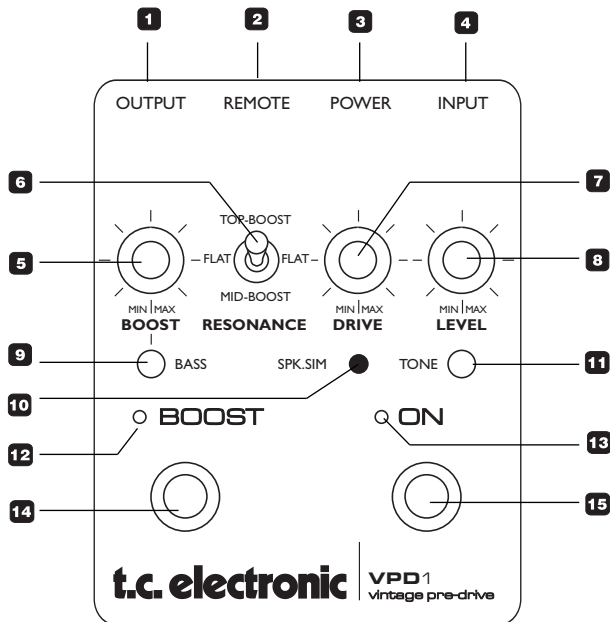
VPD1 differs from a traditional drive pedal by covering the full range guitar signal, and it is perfect for reproducing those warm driven vintage tones that you can normally get from a tube amp with the master volume turned all the way up.

Simplicity, great sound, and timeless design make up the holy trinity of the VPD1 vintage pre-drive pedal. This pedal is all about bringing out the best in your favorite guitar/amp setup without any unwanted coloring of tone or quality-compromising add-ons. VPD1 would therefore serve as an excellent companion for the G-System from TC Electronic. The basic drive section delivers a distinguished vintage overdrive allowing every characteristic of your instrument to shine through. When you kick in the boost section, you get a saturated lead sound with plenty of gain and sustain. Additional features on the boost section are the Top and Mid boost emphasis filters that really let your tone cut through.

Questions and Support

Should you have questions left unanswered by this manual, please seek additional information at TC Support accessed via www.tcelectronic.com.

OVERVIEW & FUNCTIONS



OVERVIEW & FUNCTIONS

1 **Output**

1/4" jack connection.

2 **Remote Control Connection**

With external relays such as the ones available on a TC Electronic G-System it is possible to externally switch modes on the VPD1. The VPD1 connection is a stereo 1/4" jack.

- Tip to ground alternates On/Off
- Ring to ground alternates Boost On/Off
- Tip and ring not connected gives Bypass mode.

3 **Power Input**

VPD1 needs an external power supply capable of delivering 9VDC 120mA.

4 **Input**

1/4" jack connection for input signal.

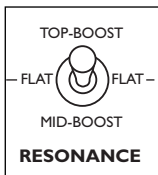
5 **Boost**

When Boost is activated, the Drive channel is driven harder, thus giving more overdrive. The Boost control setting determines the amount of boost that is sent to the Input of the drive channel.

OVERVIEW & FUNCTIONS

6 Flat / Top Boost / Mid Boost - selector

When the Boost channel is active it is possible to add a Top-boost or Mid-boost filter. If you prefer no filter, choose “Flat”.



- **Top position:** Top Boost (1kHz)
- **Mid position:** Off (no filter)
- **Down Position:** Mid Boost (500Hz)

7 Drive

Sets the amount of drive on the Drive channel.

8 Level

Sets the Output level of the pedal when it is active.

9 Bass

Bass attenuation for the Boost channel.

10 SPK SIM - Speaker Simulation

Press the small countersunk button using the point of a ballpoint pen or similar to activate the speaker simulation filter. The filter simulates the frequency response of a guitar speaker by rolling off high-end frequencies after a carefully calculated pattern.

OVERVIEW & FUNCTIONS

This filter is ideal for direct recordings.



When the speaker filter is “on” it is active also when the VPD1 is in bypass mode.

11 Tone

Use the Tone control to attenuate high-end frequencies if needed. The Tone control operates on both channels.

12 Boost LED

Indicates when VPD1 is in Boost mode.

13 On LED

Indicates when VPD1 is active.

14 Boost Channel switch

Press to activate Boost channel. The VPD1 must be “on” for the Boost channel to be active.

15 On/Off switch

Press to activate VPD1.

SETTING UP

Live applications

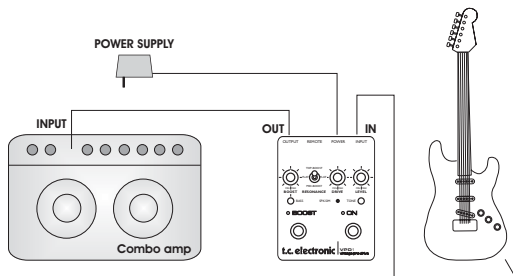
- Connect your guitar to the VPD1 Input connector and connect the VPD1 Output to your guitar amp.
- Make sure that you have a 9VDC power supply connected to the pedal.
- Start by setting your basic overdrive sound by using the "Drive" and "Level" potmeters. Use the Tone control to roll off some high frequencies if necessary.
- Now kick in the "Boost" section by hitting the BOOST switch.
- Set the level of the overdrive via the Boost knob. Experiment with the Resonance filters to create the special mid range sound that will allow your guitar to cut through any wall of sound.
- Use an external switching device to remote control on/off and boost functions. Please refer to the "overview" section of the manual for more info on this subject.

Direct recording for studio application

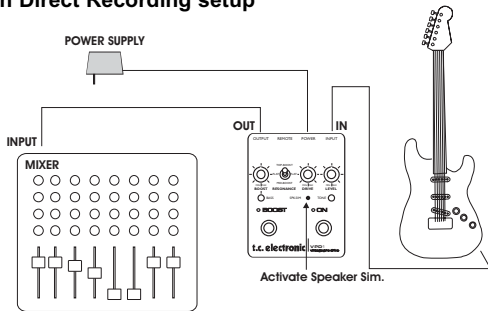
- Connect your guitar to the VPD1 Input and the VPD1 Output to your mixer. Depending on the type of channel in the mixer you connect to, you may need to adjust the channel's input gain.
- Activate the Speaker Simulation filter on the VPD1. Use e.g. the point of a ballpoint pen.
- For advice on setting levels, drive and Resonance Filters, please follow the advice described above under "Live applications".

SETUP EXAMPLES

VPD1 with Combo

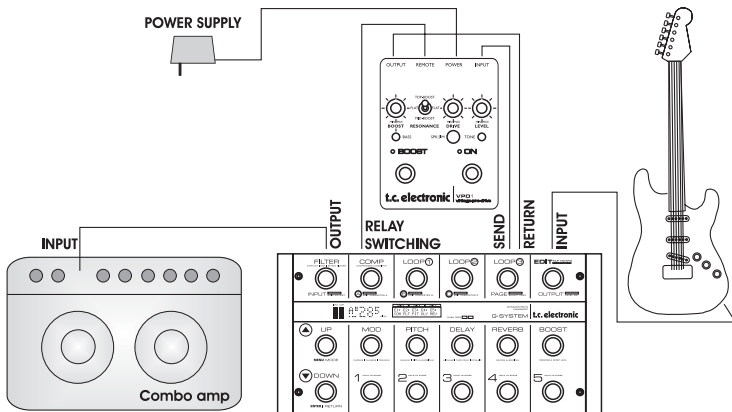


VPD1 in Direct Recording setup



SETUP EXAMPLES

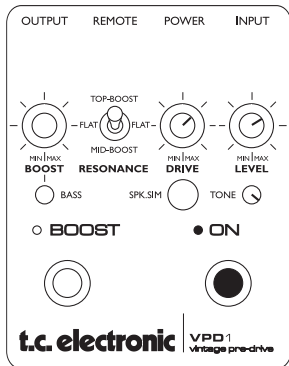
VPD1 with G-System



- Use a Stereo to Stereo jack cable for Relay switching of on/off and channel status.

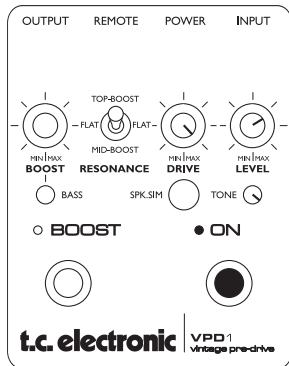
SUGGESTED SETTINGS

Below you'll find some suggested settings based on the following setup: a Stratocaster, a Marshall JCM 800 and a 4x12 speaker cabinet. Depending on your guitar's output level and the gain setting of your amp, the Drive and Boost settings may need to be adjusted slightly to attain sounds matching the descriptions.



Crunchy

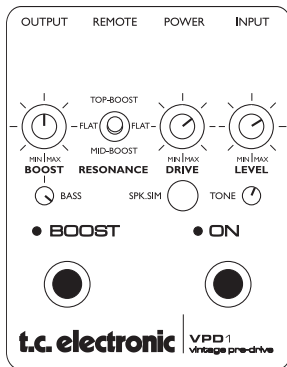
A straight driven sound just breaking up in that full-bodied bluesy tone.



Over Drive

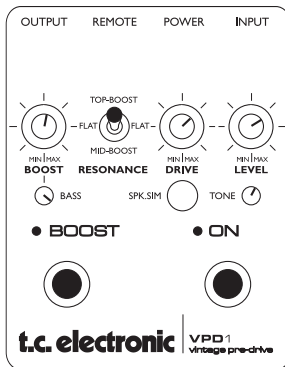
The Drive section at max, giving you a bit more edge. Notice how the true guitar characteristics still shine beautifully through.

SUGGESTED SETTINGS



High Gain

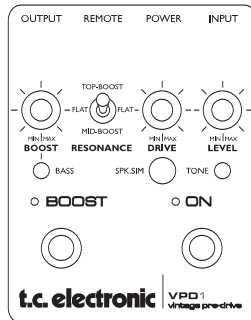
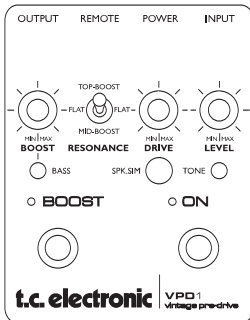
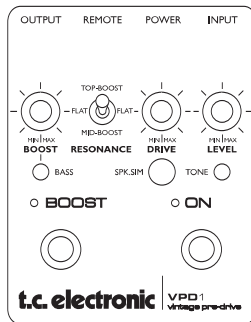
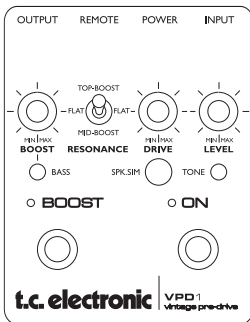
The Boost section kicked in at a 12 o'clock position starting to hit the High Gain style.



Top Boost

The Top Boost resonance filter allows your tone to cut through any wall of sound.

MY FAVORITE SETTINGS



TECHNICAL SPECIFICATIONS

Input

Input impedance	1M
Max Level in	5V RMS (16 dBu)

Output

Max level out	5V RMS (16 dBu)
Mono Jack connected	Single ended output
Output impedance	124 ohm (Single ended output)
Stereo Jack connected	Pseudo balanced output
Output impedance	248 ohm (Pseudo balanced output)

Remote

Tip	“ON/OFF” remote (Tip shorted to sleeve = ON, Open = OFF)
Ring:	“BOOST” remote (Ring shorted to sleeve = BOOST, Open = NO BOOST) <u>Note:</u> Always use Stereo jack Plug.

Power

DC	9V regulated (Absolute maximum voltage: 12 Volt)
DC plug centre-pin	Negative
Consumption:	120 mA

Dimensions

121 x 96 x 36 mm

Prod No. - 606026012

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