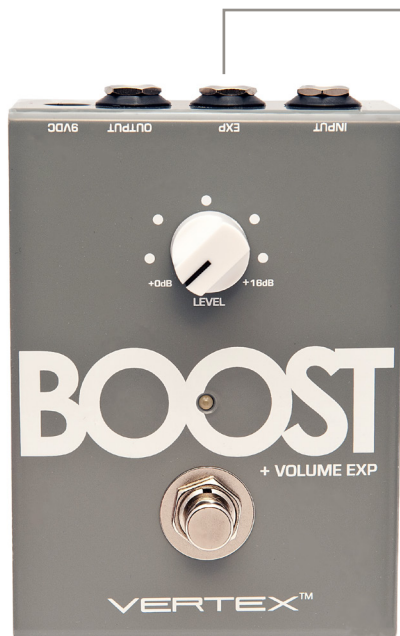# BOOST
+ VOLUME EXP

PRODUCT MANUAL

The Vertex Boost is expertly crafted to be a clean boost, buffer, and volume pedal in one. The Boost is designed to leave your tone unchanged, while boosting the level of your signal. The Boost also features an ultra-linear buffer to condition your line with ZERO tonal coloration, even with dozens of pedals in your chain. Additionally, you have total volume control by connecting the Boost with any EXP pedal or Volume Pedal (with insert cable adapter shown below) and adjusting your volume as you would with a volume pedal. When the Boost is OFF, the EXP will function as a typical volume pedal (sweeping from silent to unity gain). When the Boost is ON, the EXP will control the boosted volume (sweeping from silent to wherever the level knob is set). Since your guitar signal is completely isolated from the EXP pedal, your tone remains open and full-range, and most importantly, it feels like your plugged straight into your amp.

VERTEX BOOST OVERVIEW

HOW THE VERTEX BOOST WORKS

SPECIFICATIONS

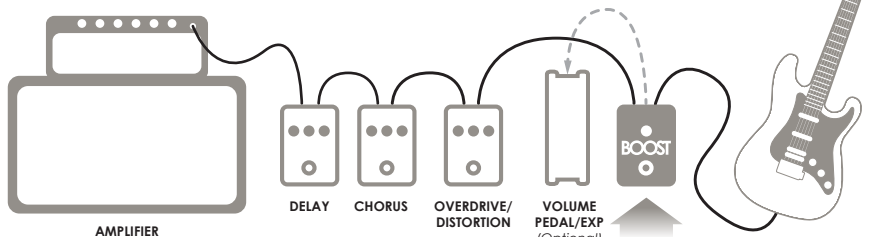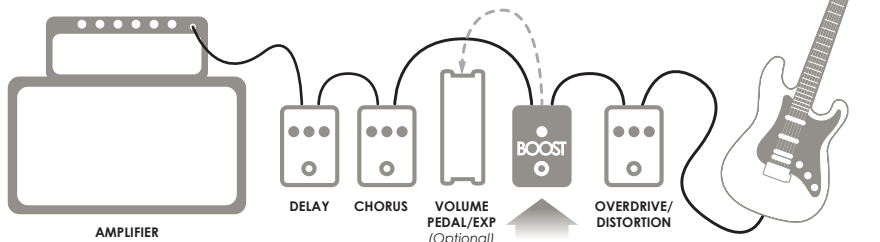|	
Controls	Level (unity gain to +16dB)
Connections	Input, Output, EXP, DC Input
Dimensions	4.6" x 3.2" x 1.8"
Power Connector	2.1mm barrel (center negative)
Input Impendance	1M ohms
DC Voltage	8.0-9.6V [*9.8V MAX]
Current Consumption	16mA
Output Impendance	100 ohms
EXP Function	An expression pedal of any impendance with a 1/4" TRS (stereo) cable can be used with the Vertex Boost

VERTEX™

VERTEX BOOST SET UP OPTIONS

Example 1– Vertex Boost as gain booster w/EXP

When the Boost is positioned after the guitar, before any other distortion or overdrive pedals the Boost will function as a gain booster. This means that if you stack the boost in combination with other overdrive or distortion pedals following it, it will not increase the output level of your signal, but rather add more gain/distortion to your signal.

DELAY   CHORUS   OVERDRIVE/ DISTORTION   VOLUME PEDAL/EXP *(Optional)*   BOOST
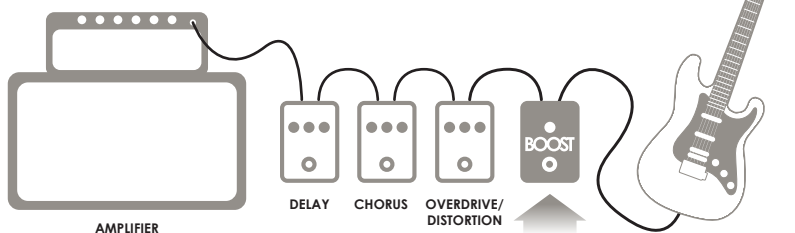
AMPLIFIER

Example 2 – Vertex Boost as level booster w/EXP

When the Boost is positioned after distortion or overdrive devices, but before any time-based pedals (delay and/or reverb), the Boost will function as a level booster. This means that if you stack the boost in combination with other overdrive or distortion pedals before it, it will only add more volume level to your signal, and not change the tone of the pedals coming before it.

DELAY   CHORUS   VOLUME PEDAL/EXP *(Optional)*   BOOST   OVERDRIVE/ DISTORTION
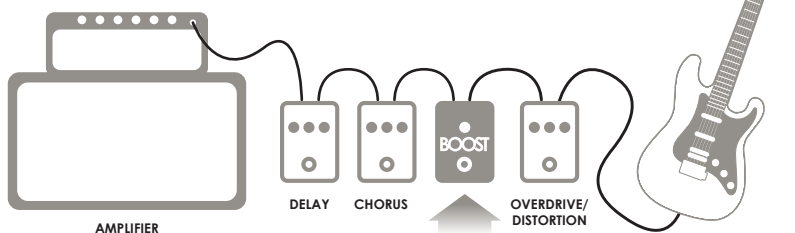
AMPLIFIER

Example 3 – Vertex Boost as a gain booster (no EXP)

When the Boost is positioned after the guitar, before any other distortion or overdrive pedals the Boost will function as a gain booster. This means that if you stack the boost in combination with other overdrive or distortion pedals following it, it will not increase the output level of your signal, but rather add more gain/distortion to your signal.

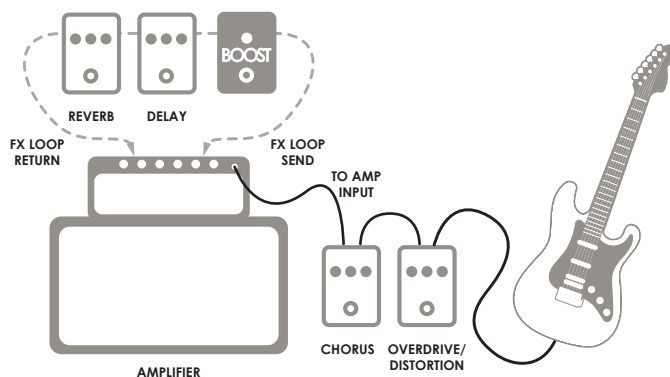DELAY   CHORUS   OVERDRIVE/ DISTORTION   BOOST

AMPLIFIER

Example 4 – Vertex Boost as level booster (no EXP)

When the Boost is positioned after distortion or overdrive devices, but before any time-based pedals (delay and/or reverb), the Boost will function as a level booster. This means that if you stack the boost in combination with other overdrive or distortion pedals before it, it will only add more volume level to your signal, and not change-the tone of the pedals coming before it.

DELAY   CHORUS   BOOST   OVERDRIVE/ DISTORTION

AMPLIFIER

Example 5 – Vertex Boost in effects loop (no EXP)

When the Boost is positioned an amplifier FX Loop it can be used as a master volume. This means that you can boost your signal without the risk of overdriving the preamp section of your amplifier

REVERB   DELAY   BOOST

FX LOOP RETURN   FX LOOP SEND   TO AMP INPUT

AMPLIFIER   CHORUS   OVERDRIVE/ DISTORTION

VERTEX™

Example 6 – Vertex Boost in effects loop w/EXP

When the Boost is positioned in an amplifier FX Loop it can be used as a master volume. This means that you can boost your signal without the risk of overdriving the preamp section of your amplifier.
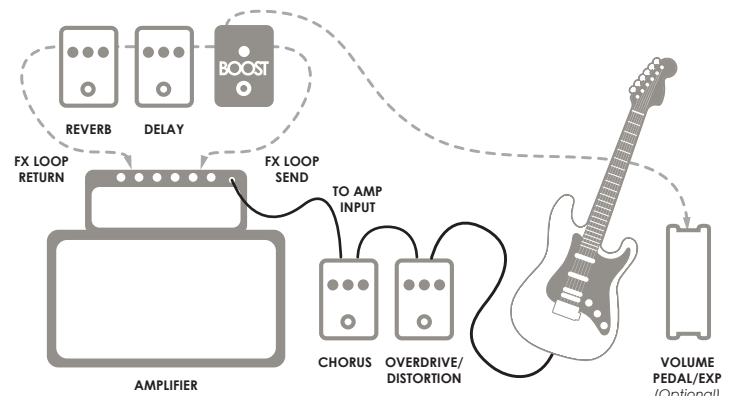
REVERB DELAY BOOST

FX LOOP RETURN FX LOOP SEND TO AMP INPUT

AMPLIFIER CHORUS OVERDRIVE/DISTORTION VOLUME PEDAL/EXP *(Optional)*

EXAMPLE DIP SETTINGS

Example 1

Volume Pedal or EXP will only be active when the Boost is switched "ON"

1 2

Example 2

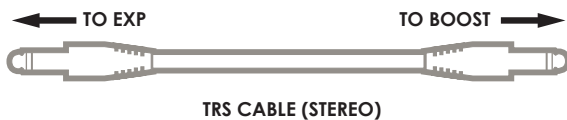Volume Pedal or EXP will always be active whether the Boost is switch "ON" or "OFF"

1 2

CONNECTING THE VERTEX BOOST

Connecting the Vertex Boost
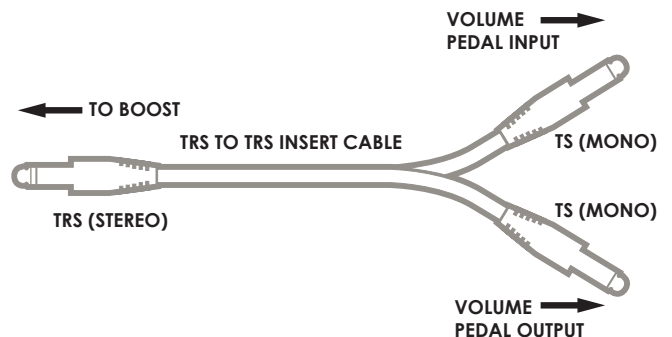
Compatible Volume/EXP Pedals with Vertex Boost

Boss FV-30H (accepts "Y" insert cable)

Boss FV-30L (accepts "Y" insert cable)

Boss FV-50L (accepts "Y" insert cable)

Boss FV-50H (accepts "Y" insert cable)

Boss FV-500H (accepts insert "Y" cable or TRS cable)

Boss FV-500L (accepts insert "Y" cable or TRS cable)

Dunlop Volume X (accepts insert "Y" cable or TRS cable)

Dunlop Volume Pedal DVP1 (accepts "Y" insert cable)

Dunlop DVP1XL Volume Pedal (accepts "Y" insert cable)

Ernie Ball 25K Stereo Volume Pedal (accepts "Y" insert cable)

Ernie Ball 250K Mono Volume Pedal (accepts "Y" insert cable)

Ernie Ball VP JR 25K (accepts "Y" insert cable)

Ernie Ball VP JR 250K (accepts "Y" insert cable)

Korg XVP10 Stereo Volume/Expression Pedal (accepts TRS cable)

M-Audio EX-P Expression Pedal (hardwired TRS cable included)

Moog EP-3 Universal Expression Pedal (accepts TRS cable)

Morley M2 Passive Volume Guitar Effects Pedal (accepts "Y" insert cable)

Morley M2 Passive Expression Guitar Effects Pedal (accepts TRS cable)

Roland EV-5 (hardwired TRS cable included)

Source Audio Dual Expression Pedal (accepts TRS cable)

Visual Sound Visual Volume Pedal *in passive mode only* (accepts insert "Y" cable)

Vertex Mono Volume Pedal (accepts insert "Y" cable or TRS cable)

Vertex Stereo Volume Pedal (accepts insert "Y" cable or TRS cable)

Vertex Scott Henderson Volume Pedal (accepts insert "Y" cable or TRS cable)

Connecting to Expression Pedal (EXP)

◄— TO EXP   TO BOOST —►

TRS CABLE (STEREO)

Connecting to a Volume Pedal (EXP)

VOLUME PEDAL INPUT —►

◄— TO BOOST   TRS TO TRS INSERT CABLE   TS (MONO)

TRS (STEREO)

TS (MONO)

VOLUME PEDAL OUTPUT —►

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