

# Providence®

## VITALIZER™ FB VFB-1 OWNER'S MANUAL

Thank you for choosing Providence. In order to take full advantage of the product's features and performance, please read this manual thoroughly and keep it in a safe place for future reference.

### ■ Main Features

- This combination pedal brings VITALIZER™ and FINAL BOOSTER (FB) functions together in one convenient unit.
- The FINAL BOOSTER (FB) is a full-range booster designed with emphasis on sonic quality, allowing the output of the initial VITALIZER™ stage to be adjusted by up to 20 dB.
- The VITALIZER™ function remains active whether the footswitch is turned ON or OFF, providing a stable signal for subsequent adjustment and effects.
- The output jack features a D.C.G (Double Contact Grounding) circuit in which the shield sleeve of a mono plug is grounded via two connections rather than one, increasing contact surface area for higher reliability as well as superior sound quality.

### ■ About the VITALIZER™

- The VITALIZER™ is an active impedance converter that effectively prevents signal quality changes or degradation, minimizes noise pickup, and delivers a strong, vital signal to subsequent devices.
- High impedance signals that are susceptible to noise pickup and signal degradation caused by plug/jack connections and long cables are converted to a robust low-impedance signal that is less affected by such problems.
- Providence has painstakingly designed the circuit to maintain the essential characteristics of the instruments and effects being used in the most natural way possible, without creating an overly "hi-fi" sound.

### ■ Controls and Connectors

#### ① BOOST: Adjusts the BOOST level.

Set fully counterclockwise for "unity gain" (i.e. the output level is the same as the input level).  
The output level will increase as the knob is rotated clockwise.

#### ② FOOTSWITCH: Turns the BOOST function ON or OFF.

The VITALIZER™ stage remains active at all times.

#### ③ LED MULTI INDICATOR: Lights when the BOOST function is ON.

The LED also functions as a battery health indicator. When the unit is being powered by a battery the LED will begin to dim rapidly if the battery voltage drops below approximately 7 volts, indication that operation and sound quality may be impaired. The device will still produce output for a while after the LED begins to dim, but to ensure maximum performance the battery should be replaced with a new one as soon as possible.

#### ④ IN: Input jack.

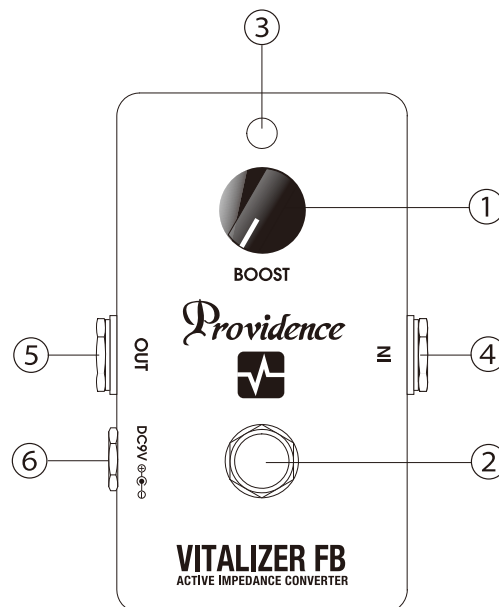
The output of the source instrument or effect unit connects here. When the unit is battery powered the IN jack also functions as a power switch, turning the unit ON when a plug is inserted.

#### ⑤ OUT: Output jack.

The output from this jack connects to the input of an amplifier or the next effect/device in the chain.

#### ⑥ DC 9V IN Connector

The DC output from the AC adaptor should be connected here.



### ■ Main Specifications

- Controls: BOOST
- Jacks: Standard 1/4 inch phone jacks (Input/Output), DC9V Input jack (AC adaptor jack)
- Power: 9V battery, AC adaptor
- Power consumption: DC9V approx. 14mA (with effect turned ON)
- Size: 115(D) x 72(W) x 50(H)mm
- Weight: Approx. 250g (without battery installed)

### ■ Battery Replacement

Remove the 4 screws from the back cover to replace the battery. Use a 9V/6F22/MN1604 type replacement battery. When changing the battery, do not pull strongly on the battery cable. This could result in disconnection or malfunctioning of the device.

### ■ Caution

- When connected to an amp and speaker with the power turned on, do not insert or remove plugs in the input or output jacks. Doing so may cause sufficient noise to damage the speaker.
- If the pedal should fail to work or if it works abnormally, please contact the place of purchase or Pacifix Ltd.
- If the pedal is not used for an extended period of time, please remove the battery to prevent leakage which could damage the pedal.
- A battery should be inserted into the pedal even when using an AC adaptor. By doing so, if the AC adaptor plug should be inadvertently disconnected, power will continue to be supplied by the battery to provide uninterrupted performance. An AC adaptor with a regulator circuit is recommended.
- If the battery voltage becomes too low, the pedal effect may become weak, the output level may drop, or no sound may come out of the pedal. In that case, please replace the battery with a new one.

### ■ Troubleshooting

- If the indicator LED does not light: Replace the battery with a new one or connect an appropriate AC adaptor.
- ※ (Designs and specifications are subject to change without notice.)

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