

Providence®

PHASE FORCE PHF-1 USER'S MANUAL

Thank you for choosing a Providence product. By applying original Providence technology to real-world problems, we create products that are not only unique, but are also practical solutions to the many and varied needs of musicians and sound professionals worldwide. Providence products undergo rigorous and repeated testing to ensure that they maintain uncompromised performance and sound quality even under the severest conditions. Please read this owner's manual thoroughly to ensure that you'll benefit fully from the advanced features, performance, and reliability your Providence product is designed to provide.

■ PHASE FORCE Features

- The Providence PHF-1 Phase Force phase shifter pedal features speed and output level controls that let you take the sound from a gentle undulation to wild variations. The level can be set to optimally match your phrasing. Engaging the MID SHIFT switch alters the phase shift range, emphasizing the mid-high frequencies.
- A built-in VITALIZER® circuit enables a unique phase shift sound while allowing the natural characteristics of your instrument to come through. The VITALIZER® circuit remains active when the effect is turned off, delivering an ideal signal to processors connected after the Phase Force pedal.
- In addition to indicating the pedal's on/off status, the PHF-1 LED provides effective visual battery power monitoring. When the battery voltage drops below 7 volts the LED will become dimmer and begin to go out. The effect will still operate at this voltage, but to ensure optimum performance the battery should be replaced as soon as possible.

[About VITALIZER®] The VITALIZER® circuit was developed to counteract the signal degradation that normally occurs in guitar and bass processing systems. The characteristics of the VITALIZER® circuit continuously adapt to the instrument's output, ensuring that the instrument's natural characteristics are transmitted without degradation or compromise.

■ Functions

- **SPEED:** Adjusts the phase shift speed. Rotate clockwise to increase the phase shift speed.
- **LEVEL:** Adjusts the output level when the effect is on. Rotate clockwise to increase the output level when the effect is on.
- **MID SHIFT switch:** When engaged, the phase shift range is shifted to emphasize the mid to high frequencies.

■ Main Specification

- Controls: LEVEL, SPEED, MID SHIFT switch
- Connectors: 1/4-inch phone jack x 2 (INPUT and OUTPUT), DC 9V input jack (AC adaptor jack)
- Power Supply: 9V battery or AC adaptor
- Power Consumption: DC 9V, 5 mA approx. (effect ON)
- Dimensions: 115 (D) x 72 (H) x 50 (H) mm
- Weight: 250 g approx. (Not including battery)

■ Battery Replacement

To replace the battery, remove the bottom panel by unscrewing the four screws that hold it in place. Use a 9-volt 006P type battery. Be careful not to apply excessive force to the wiring when changing the battery to avoid broken connections and other damage.

■ Precautions

- Inserting or removing a plug from the input jack while the unit's output is connected to an amplifier/speakers can cause noise that can damage the speakers.
- If the unit malfunctions or behaves abnormally, cease operation immediately and refer the problem to the supplier.
- If the unit will not be used for an extended period of time, remove the battery to prevent damage due to chemical leakage from the battery.
- It is a good idea to have a battery installed in the unit even when it is being powered from an AC adaptor. If the AC adaptor is accidentally unplugged the battery will take over so that the performance can continue uninterrupted. Use only an AC adaptor with internal voltage regulation.
- When the battery voltage drops too low for proper operation the effect sound may become weak, the output level may drop, or no output will be produced at all. Be sure to replace the battery as soon as possible if such symptoms occur.

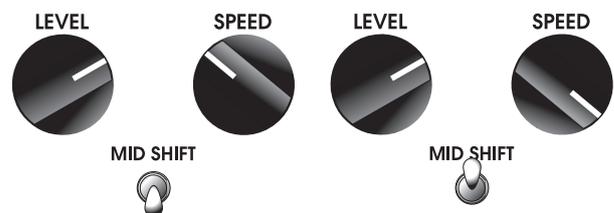
■ Troubleshooting

- If the indicator LED does not light: Replace the battery with a new one or connect an appropriate AC adaptor.

* Specifications and appearance subject to change without notice.

■ Example Settings

- An ideal setup for arpeggios and similar playing techniques.
LEVEL: 2 o'clock
SPEED: 10 - 11 o'clock
MID SHIFT SWITCH: OFF
- Try this with distortion for a spacey sound.
LEVEL: 2 o'clock
SPEED: 4 - 5 o'clock
MID SHIFT SWITCH: ON



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