

# Providence®

## SONIC DRIVE SDR-4R USER'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.

### ■ Features

● The PROVIDENCE SONIC DRIVE mainly targets rhythm guitarists. However, the overdrive can be used for rougher playing, and can enable the feelings of the player to be expressed. Even with distortion, the tonal balance from the 1st string to the 6th string is well defined, so that with chords played in an extreme manner the attack is fast, and a rough drive sound with an edgy effect is achieved, like thorns projecting from a wall of sound. However, with this rough edgy sound, since the mid to high range is especially emphasized, rhythm playing doesn't interfere with the bass sound.

● In a normal True-Bypass circuit, in bypass mode the audio signal passes through two switch contacts. But in the SONIC DRIVE, in bypass mode the audio passes through a single contact, thanks to a single contact true-bypass circuit. The result is much higher sound quality and reliability than that provided by previously existing products.

● The new FAT switch provides low range control. Turning ON the FAT switch increases the low range gain, resulting in a fatter sound.

● The LED in the SONIC DRIVE doesn't just indicate the ON/OFF status of the effect, it also functions as a battery voltage monitor. If the battery voltage drops to less than about 7V, the LED starts to go out. In this case, the pedal effect is still output, but the battery should be replaced to ensure sufficient operation.

### ■ Controls & Functions

① DRIVE : Adjusts distortion depth. Rotate clockwise for more distortion.

② TONE : Adjusts full-range tonal balance. Turn clockwise to emphasize the midrange and add "edge" to the sound.\* Low-frequency compensation is applied at the same time to prevent the sound from becoming thin.

\* Turning this control clockwise also increases overall level. Use the LEVEL control to compensate as necessary.

③ LEVEL : Adjusts the level of the output signal when the effect is ON. Rotate counterclockwise to decrease the output level, or clockwise to increase the output level.

④ FAT Switch : Boosts the low frequency range when engaged. Flip the switch upward to boost the lows.

⑤ LED Indicator : Lights when the effect is ON. The LED will start to dim when the battery voltage drops below approximately 7 volts. The effect will still function when the LED begins to dim, but performance may not be optimum and the battery should be replaced as soon as possible.

⑥ IN : The output from a guitar, electronic musical instrument, or preceding effect pedal should be connected here.

⑦ OUT : This jack should be connected to the input of an amplifier or effect unit.

⑧ ON/OFF Footswitch : Turns the effect ON or OFF.

⑨ DC9V INPUT : The DC output cable of an optional AC adaptor can be plugged in here.

### ■ Main Specification

● Controls: LEVEL, TONE, DRIVE, FAT Switch

● Jacks: Standard 1/4 inch phone jacks (Input/Output), DC9V Input jack (AC adaptor jack)

● Power: 9V battery (1), AC adaptor

● Power consumption: DC9V approx. 8mA (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 Pacific 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.

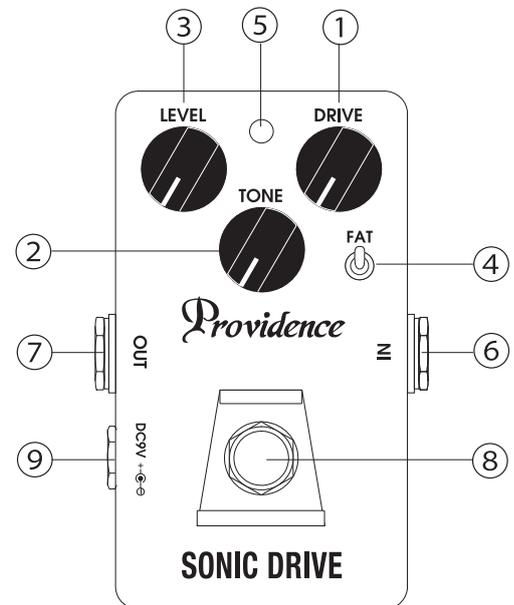
● A battery should be inserted into the pedal even when using an AC adaptor. By doing so, if the AC adaptor plug should be inadvertently disconnected, power will continue to be supplied by the battery to provide uninterrupted performance. An AC adaptor with a regulator circuit is recommended.

● 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

● LED doesn't light Replace the battery with a new one.

※ (Designs and specifications are subject to change without notice.)



### ■ Recommended Settings

#### ■ Wild Drive Sound

LEVEL : 5 o'clock (MAX)

TONE : 1 o'clock

DRIVE : 9-10 o'clock

FAT Switch : OFF

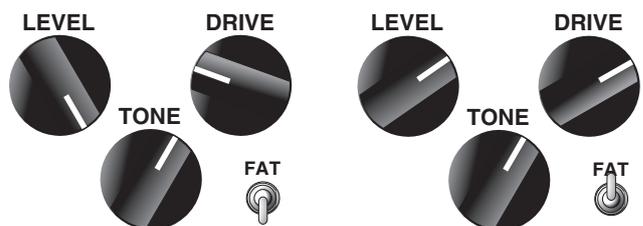
#### ■ HEAVY Drive Sound

LEVEL : 2 o'clock

TONE : 1 o'clock

DRIVE : 2 o'clock

FAT Switch : ON



**PACIFIX, LTD.**  
SOUND PRODUCT & SYSTEM DESIGN

3-21-7, Tsurumi-Chuo, Tsurumi-ku, Yokohama-shi, JAPAN 230-0051

TEL. +81-45-510-4060 FAX. +81-45-510-4061

E-mail. [overseas1@pacifix-ltd.com](mailto:overseas1@pacifix-ltd.com) URL. [www.providence-ltd.com](http://www.providence-ltd.com)