

# Providence®

## ANADIME CHORUS ADC-4 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

- The ADC-4 Anadime Chorus is an analog chorus effect that uses a BBD (Bucket Brigade Delay) device. This versatile chorus effect is ideal for everything from moody arpeggios, to flowing chord progressions, to powerful riffs and solos.
- Even though the effect output is mono, it delivers a spacious sense of width and depth as well as warmth and thickness that only an analog chorus can achieve.
- A MIX control adjusts the mix ratio between the direct and modulated sound. The MIX control can be used in conjunction with the DEPTH control to create fine effect gradations ranging from intense swirl to gentle undulation.
- A 3-position DEEP mode switch provides variations in the perceived dimensional depth.
- White noise is often an issue in analog chorus effects, but is minimized in the ADC-4 by a special noise reduction circuit.
- In normal "true bypass" circuits the signal passes through two sets of contacts when bypass is engaged. The ADC-4 Anadime Chorus employs a Single Contact True Bypass configuration in which the signal only passes through one set of contacts, for notably enhanced sound quality as well as greater reliability.
- A Double Contact Grounding Circuit ensures that the sleeve of the plug inserted into the output jack is grounded at two contact points. Increased ground contact area minimizes the possibility of intermittent contact, while also contributing to maximum sonic quality.
- The chorus effect is based on a slight periodic pitch variation produced by applying delay that is controlled by a variable LFO (Low Frequency Oscillator). This modulated signal is then mixed with the direct signal to produce a thick, spacious chorus effect.

### ■ Controls and Connectors

#### ① DEPTH

Adjusts the depth of modulation/pitch variation. Rotate clockwise to increase, or counterclockwise to reduce the depth of modulation/pitch variation.

#### ② SPEED

Adjusts the speed of modulation/pitch variation. Rotate clockwise to increase, or counterclockwise to reduce the speed of modulation/pitch variation.

#### ③ MIX

Adjusts the mix ratio between the direct and modulated signals. At the center position the ratio is 1:1 (an equal mix of modulated and direct sound). Rotating the control clockwise from center increases the level of the direct sound while reducing the level of the modulated sound, and rotating the control counterclockwise from center increases the level of the modulated sound while reducing the level of the direct sound.\*

\*A slight mix remains even when rotated fully clockwise or counterclockwise.

#### ④ DEEP

This 3-position switch varies the perceived dimensional depth of the effect. Flipping the switch back towards the rear of the unit deepens the sound field, while flipping it forward towards the front of the unit results in a shallower sound field.

#### ⑤ LED MULTI INDICATOR

When the effect is turned ON the LED lights and flashes at the current modulation speed. When the battery voltage drops below approximately 7 volts the LED will begin to dim. When the LED dims the effect will still operate, but the battery should be replaced as soon as possible to ensure maximum effect performance.

#### ⑥ IN

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

#### ⑦ OUT

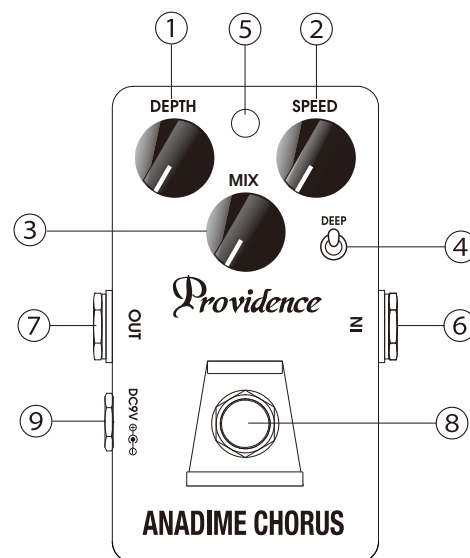
This jack should be connected to the input of an amplifier or effect unit.

#### ⑧ Footswitch

Turns the effect ON or OFF.

#### ⑨ DC 9V IN Connector

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



### ■ Main Specifications

- Controls: DEPTH, SPEED, MIX, DEEP
- Jacks: Standard 1/4 inch phone jacks (Input/Output), DC9V Input jack (AC adaptor jack)
- Power: 9V battery, AC adaptor
- Power consumption: DC9V approx. 26mA (with effect turned ON)
- Size: 115(D) x 73(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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