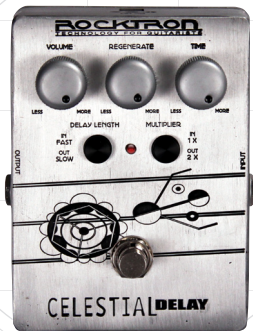


ROCKTRON

TECHNOLOGY FOR GUITARISTS

Celestial Delay Instruction Manual



This pedal is:



May be covered by one or more of the following: U.S. Patents #4538297, 4647876, 4696044, 4745309, 4881047, 4893099, 5124657, 5263091, 5268527, 5319713, 5333201, 5402498 and 5493617.

Other patents pending. Foreign patents pending.

Compliance



Your Celestial Delay™ pedal has been tested and complies with the following Standards and Directives as set forth by the European Union:

Council Directive(s): 89/336/EEC Electromagnetic
Compatibility

Standard(s): EN55013, EN50082-1

This means that this product has been designed to meet stringent guidelines on how much RF energy it can emit, and that it should be immune from other sources of interference when properly used. Improper use of this equipment could result in increased RF emissions, which may or may not interfere with other electronic products.

To insure against this possibility, always use good shielded cables for all audio input and output connections. This will help insure compliance with the Directive(s).

For more information about other Rocktron products, please see your local dealer or one of our importers closest to you (listed on the Rocktron website (www.rocktron.com)).

Read all instructions contained in this manual.

Keep these instructions

Heed all warnings

Follow all instructions.

Do not use this apparatus near water.

Clean with dry cloth.

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Precautions

Refer all service to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply or plug is damaged, liquid has been spilled or objects have fallen into the apparatus or if the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

DO NOT ATTEMPT TO SERVICE THIS EQUIPMENT. QUALIFIED PERSONNEL SHOULD SERVICE THIS EQUIPMENT ONLY. DO NOT MAKE ANY INTERNAL ADJUSTMENTS OR ADDITIONS TO THIS EQUIPMENT AT ANY TIME OR TAMPER WITH INTERNAL ELECTRONIC COMPONENTS AT ANY TIME. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID THE WARRANTY OF THIS EQUIPMENT AS WELL AS CAUSING A SHOCK HAZARD.

OPERATING TEMPERATURE

Do not expose this unit to excessive heat. This unit is designed to operate between 32 F and 104 F (0 C and 40 C). This unit may not function properly under extreme temperatures.

Do not block any ventilation openings (if applicable). Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.

This product is not equipped with a plug or cable. This pedal runs on a 9 Volt Battery, if a 9Volt DC adapter is the used please follow adapter manufacturer's operation instructions.

Only used attachments/accessories specified by the manufacturer.

Do not use this product with any case, stand tripod, bracket or table that is not specified by the manufacturer. Insure that the case, stand, tripod, bracket etc. is properly adjusted and setup (follow all instructions). Extra care and caution should be taken to avoid tip over and injury.

Unplug this apparatus during lightening storms or when unused during long periods of time.

Introduction

Some delays are like crop circles...we love how they go round and round, but we have no idea how they got that way. Let Rocktron's Celestial Delay take your imagination to another dimension with great sound that will please every style of guitar player.

The Celestial Delay provides over 1 second of delay time in a classic analog design that mimics the retro analog tape delays of yesteryear without the hiss and noise. You get smooth and seamless time shifting and regeneration. No stuttering here with smooth delay time control shifting. You can even create the classic "flying saucer" effect with ease, free of glitches found with most other delays.

Rocktron has provided a short/fast delay selector switch and a Multiplier selector switch which allows you to choose whether or not to double the delay length previously chosen.

Part of the Rocktron Boutique Series of stomp boxes this pedal design comes in a rugged metal chassis with eye popping retro custom design laser etched artwork.

Controls include VOLUME which selects the amount of delay mixed with the original signal source. REGENERATION controls how many echo repeats are created. TIME controls the Delay Time dependent on the Delay Length and Multiplier settings. The Delay Length setting selects either (FAST) short delay range or (SLOW) long delay range. The Multiplier setting, when out, doubles the Delay Length chosen previously.

The Celestial Delay is easy to use and not a complicated stomp box, yet delivers a powerful, great sounding delay. You will be impressed!

Delay pedals usually sound better when placed after distortion, so if you are using a distortion pedal, place the Celestial Delay after the distortion pedal in the signal chain. If you are using your amplifier's distortion, try putting the Celestial Delay in the effects loop section of the amplifier, (following the instructions in your amp manual when using the effects loop).

For distorted rhythm playing, set the Celestial Delay to a short delay length, the delay volume low and the regeneration level low. For distorted lead playing, set the Celestial Delay for a longer delay length and bump up the delay volume and the regeneration level to your taste. For country picking type delay, set the delay length to short, and bump up the delay volume and regeneration levels slightly to create a perfect country slapback effect.

The footswitch on the Celestial Delay controls On/Off status (indicated by the LED). This stomp box runs on a 9V Alkaline battery. You may also use the Rocktron DC OnTap Universal Power Adaptor.

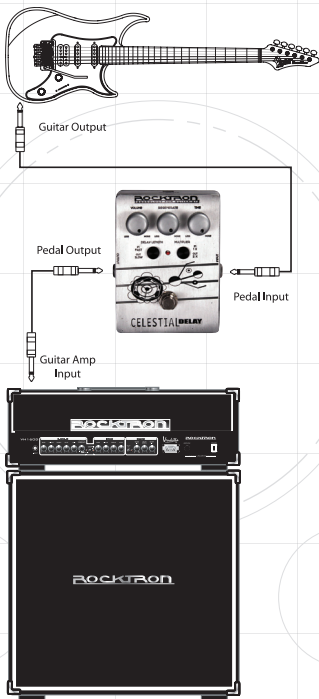
Descriptions



Descriptions continued.....

- 1 VOLUME Control - This control determines the amount of delay mixed with the guitar signal.
- 2 REGENERATE Control -The control determines how many echo repeats are created.
- 3 9VDC Input - This input jack provides 9VDC power to the pedal from the Rocktron DC OnTap 9V power supply (sold separately).
- 4 TIME Control - This control determines the delay time dependent on the Delay Length and Multiplier switch settings.
- 5 MULTIPLIER Switch - This switch allows you to double the delay length you have chosen with the DELAY LENGTH switch. When the switch is out the delay length is doubled.
- 6 DELAY LENGTH Switch - This switch allows you to select a FAST for a short delay range or SLOW for along delay range.
- 7 INPUT Jack - Using a standard 1/4" guitar cable, plug your guitar into this jack.
- 8 ON/OFF Led - This LED shows if the pedal is on or off. When the LED is light the pedal is on. When the LED is not light the pedal is off.
- 9 FOOTSWITCH - Use this switch to turn on or off the pedal. The On/ Off Led will show you if the pedal is on or off.
- 10 OUTPUT Jack - This jack provides the mixed Delay effect with the original signal.

Typical Connection



Specifications

Maximum Input	2dBu
Maximum Output	3.5Bu
Input Impedance	1M Ω
Output Impedance	1k
Current Consumption	15mA
Power Requirements	9V Alkaline Battery or Rocktron DC OnTap Universal Power Supply (sold seperately)
Dimensions	95mm x 122mm x 56mm 3.75" x 4.75" x 2.25"
Weight	450g 15.87 oz

How to change the battery:

To change the battery, turn the pedal over and remove the 4 screws on the bottom. Remove the back cover. Carefully remove the old battery and replace it with a new 9V Alkaline battery. Replace battery in the same area as the old battery was located. Place the back cover on the pedal and re-insert the screws.

Save yourself tons of money in batteries by using the Rocktron DC OnTap Universal Power Supply to power this pedal (sold seperately). The Rocktron DC OnTap provides a constant flow of power to the pedal, unlike a battery that will degrade over time. The Rocktron DC OnTap Universal Power Supply can also power up to 20 pedals and can be used with both 110V and 220V power sources.

Check, www.rocktron.com for more information on the DC OnTap and where to purchase.

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Rocktron - A Division of GHS Corporation
2813 Wilber Ave
Battle Creek MI 49037
USA



www.rocktron.com
info@rocktron.com
tel: 1-269-968-3351