

# ACCEL

## DD-SS *Digital Delay* Effects Pedal

### **DESCRIPTION**

Accel DD-SS Digital Delay creates rich full bodied delay effects from short slap-back rockabilly sounds to longer repeating delays. Two stage, separate chip sets are used in this design, greatly improving the delay quality and increasing the realism of delay time. Also within the circuitry of this digital delay, analog circuitry was also used to simulate the more traditional, pure analog sound that many guitarists seek. Max delay time is 1100ms (1.1seconds), and features a two mode toggle switch: 20-600ms, 20-1100ms. 600ms allows for a little faster repeats and delay times while the 1100ms is capable of longer, slower delays. Measuring 2 1/4" wide and 4 1/2 " long, this pedal will fit nicely on any pedal board offering more tone with less space. As with all Accel pedals, a five year limited warranty is included.

### **Features:**

Controls: Mix, Delay, Repeat  
Seal designed dust proof adjust pots  
True Bypass design.  
Metal Casing  
Thumb screw battery access.

### **Power Source:**

9Volt battery ( remove battery cover on bottom to replace),  
DC9V adapter or  
Power Supply designed for  
9V effects pedals (not included).  
Such as the  
Accel Power Source 8 power supply.

### ***Read all warning and cautions before operating your Power Accel DD-SS Digital Delay Effects Pedal***

1. Keep these instructions – The safety and operating instructions should be retained for future reference.
2. All warnings, cautions and instructions should be adhered too for safe operation of this device.
3. Follow all operating and use instructions for safe operation of this unit.
4. **WARNING!!!** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The unit should not be exposed to liquids of any kind. Any objects or containers filled with liquids, such as drinks or beverages shall not be placed on top of the unit.
5. **CAUTION!!!** To prevent risk of overheating or damage to the Power Source 8 power supply. Mount per Manufacturers Mounting Instructions!
6. Clean only with a dry cloth.
7. Protect all cords from being walked on or pinched.
8. Follow all instructions and recommendations regarding attachments/accessories specified by the manufacturer.
9. Unplug the unit during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified personnel. Service is required when the effects pedal has been damaged in any way – such as plug or jack damage; if any liquid or foreign objects have gotten inside the unit; if it has been exposed to rain or moisture; has been dropped; or does not otherwise operate normally.

## CONTROLS

### **Control Knobs:**

- 1) **Mix:** Controls blend of wet and dry signals
- 2) **Delay:** Delay time
- 3) **Repeat:** Number of repeats

### **Switches:**

- 4) **Toggle Switch (2 way ):** 600ms/1100ms
- 5) **Foot Switch:** Toggles effect on/off (indicated by red LED).



## DIRECTIONS

With the amplifier turned off. Route a guitar instrument cable from the GUITAR to the INPUT JACK of effects pedal. Make sure each end of the cable plug is completely inserted.

With a different cable, route the cable from the OUTPUT JACK of the effects pedal to the amplifier.

Plug in preferred power source (9V battery, or a 9V effects pedal adapter or 9V effects pedal power supply output). Such as our "Power Source 8" power supply, to the effects pedal POWER INPUT JACK.

Note: The effects pedal POWER INPUT JACK is negative center polarity, which is the most common in the effects pedals market. Be sure that the cable plug is also negative center polarity, or damage to the unit may occur.

Before turning on amplifier turn down all volume and level controls on your amplifier, pedal and guitar. Turn on amp. Adjust volume and level controls on amplifier, pedal and amp.

## **SPECIFICATIONS**

Size:

- Input Impedance 1 MS
- Output Impedance <7.5 kS
- Noise Floor\* >88 dB
- Current Draw 2.2 mA
- Bypass Hardwire
- Power Supply 9 volts DC

## **Warranty**

### **Limited 5 Year Warranty**

This warranty covers any defects or malfunctions in your new Accel DD-SS Digital Delay Effects Pedal. This a 5 year warranty for the original registered purchaser. Accel will fix or replace any defective units with the first 5 years from the purchase date. Fixing or replacing the unit will be at Accels discretion. Any problem that is caused by abuse, misuse, or an act of God (such as a flood) are not covered. In order to be eligible for service under this warranty you must return the warranty registration card attached below within 30 days of purchasing the aid.

If something goes wrong with your Accel Power Source 8 Power Supply, send it postage paid with a brief written description of the problem to:

Accel Technologies LLC;.   
5505 East Santa Ana Canyon Rd.   
#17057   
Anaheim, CA 92817

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Accel Technologies, LLC.**  
P.O. BOX 17057 Anaheim, CA 92817 U.S.A.  
Email: [support@accelaudio.com](mailto:support@accelaudio.com)