

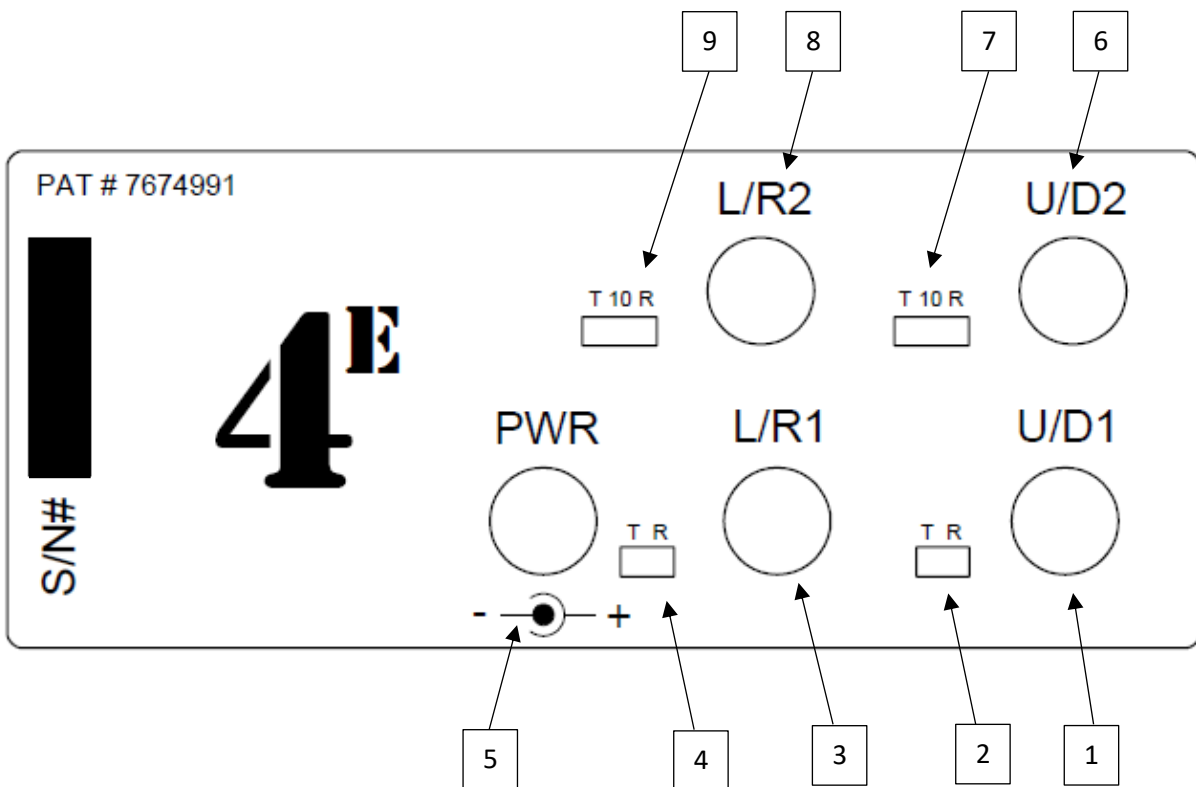
# Owner's Manual

## 4E Dual Axis Expression Pedal

Congratulations on purchasing the 4E dual axis expression pedal from db Instrument Amp. This pedal has four separate effect unit connections allowing for control of up to four devices at the same time.

The Guts:

The two dual ganged potentiometers allow for the pedal to rotate up to 20 degrees in both the left-right and up-down directions. This gives you control over a maximum of four separate signals simultaneously.




Making Connections:

The pedal has two jacks per axis, with the first set (U/D1 and L/R1) **1** and **3** having two position switches, **2** and **4** for polarity, and the second set (U/D2 and L/R2) **6** and **8** having three position switches, **7** and **9** for polarity.

The two position switches, allow you to select the signal polarity between TRS (Tip-Ring-Sleeve) and RTS (Ring-Tip-Sleeve).

The three position switches, allow for changing the signal polarity by selecting between TRS, RTS, and 10 (10k Tip-Sleeve).

#### LED Light:

There is also a separate jack  for powering an LED light on the pedal. The light is to help find the pedal in the dark places.

Voltage: 9V to 18V Positive Sleeve and Negative Tip which is normal for Boss type pedals.

#### Operation:

To use the pedal, first determine what type of cable and polarity required to run the effect unit. The second set of jacks provides a 10k TS connection that connects with a mono cable needed on some Line 6 devices. All jacks have TRS and RTS connections that use a stereo cable.

Adjust the polarity switch for the desired effect, then connect the jack to your desired expression input with a mono or stereo cable.

Repeat for up to 4 separate connections.

All the jacks are isolated from one another. U/D1 is grounded to the chassis to reject noise. Be sure to use this connection first or make sure it is grounded to the system if noise becomes an issue.

If desired, connect the LED light jack to an external 9 to 18 volt power source.

Now, go make some music or plain 'ol random noises. It's up to you now.

#### Maintenance:

Regularly keep the pedal clean and free of dust and debris to maintain its functionality. Avoid excessive force when rotating the pedal especially in the toe down position. Feel adjustments can be made by slightly adjusting the cap screw on the gear side for up-down resistance or the nut in the rear for left-right resistance.

#### Conclusion:

The 4E dual axis expression pedal is a versatile and powerful tool for controlling multiple parameters in your musical creations. Use it with care and enjoy the expanded control it provides.