



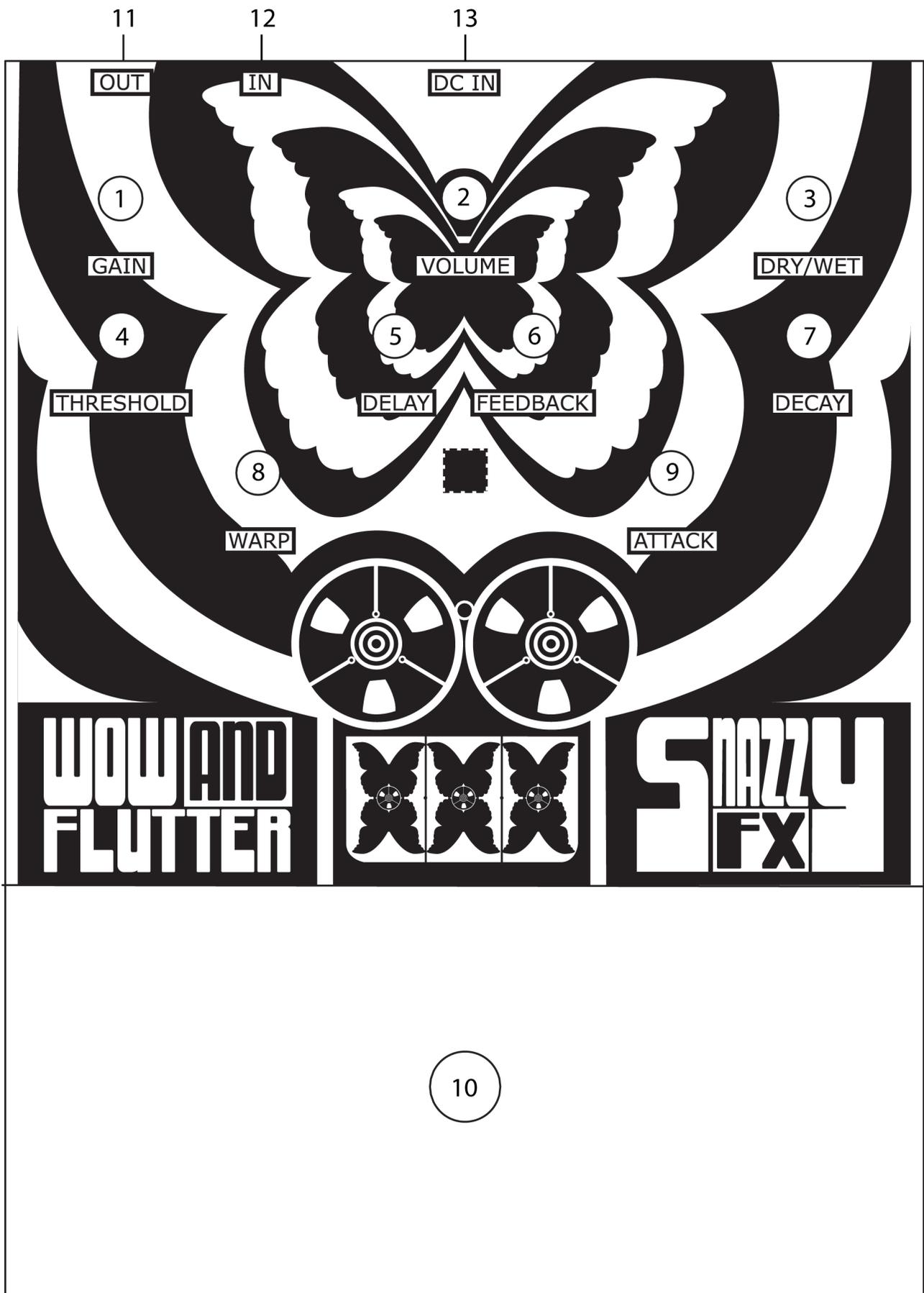
Wow and Flutter Manual:

Hello, and congratulations on the purchase of a Snazzy FX device! What you have in front of you was designed to provide the widest range of sounds, while still being easy enough to use that you can start making music/noise right away if you so desire. But first there are some things you should know about your new device.

*****SNAZZY FX boxes can handle a wide range of inputs. Because of this, please watch your volume, and never start with box on FULL VOLUME unless your amplifier or audio interface or mixer is turned down. There are so many different ways to set the box up and some modes are louder than others. Just be careful, as *SNAZZY FX is not responsible for any damage you may cause to your amplifier, stereo, audio interface, speakers, or your ears.* These boxes were designed to go anywhere you might want to take them but when you are first learning how to use them, please exercise caution.*****

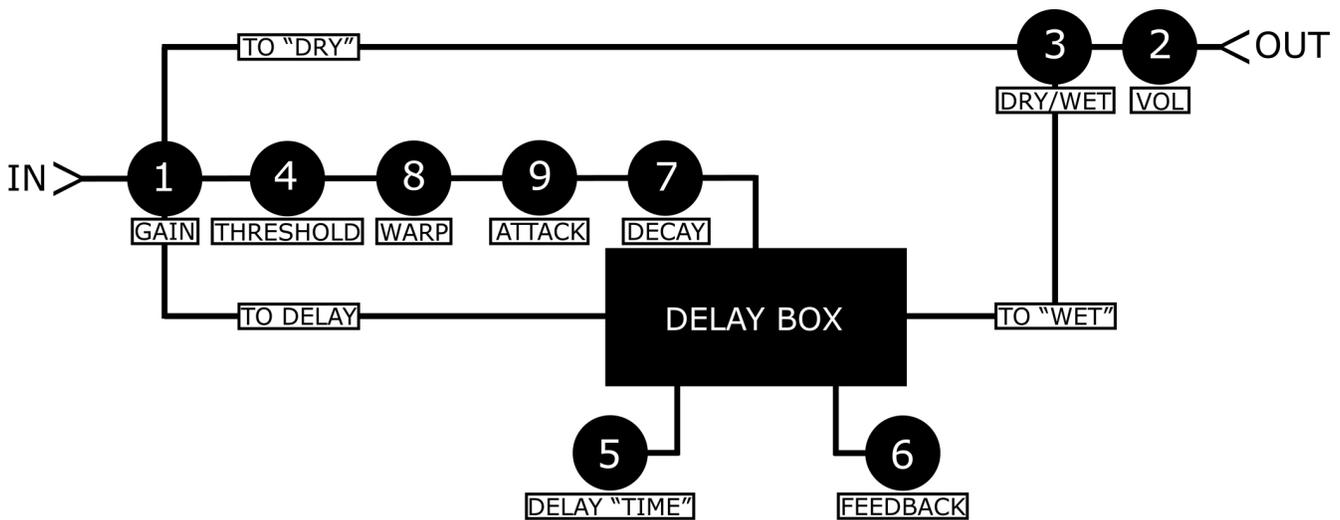
The WOW&FLUTTER requires a proper DC 9v center negative adapter. If you purchased this unit without a DC adapter please contact your nearest SNAZZY FX dealer for information on purchasing a new adapter. A 9V 2.1mm Dc center negative regulated adapter (BOSS STYLE) will usually work, but there are some brands which cause noise and or hum.

SNAZZY FX has a one year parts and labor warranty. This warranty covers defects and does not cover misuse or neglect. If there is a problem with your SNAZZY FX device, please contact the dealer you purchased it from to first determine if the problem is related to the products control settings. Your SNAZZY FX dealer will then give you information on how to send in the product so that you can get back to making weird sounds.



PARAMETERS:

- 1- GAIN
- 2- VOLUME
- 3- DRY/WET CONTROL
- 4- THRESHOLD
- 5- DELAY (TIME)
- 6- FEEDBACK
- 7- DECAY
- 8- WARP
- 9- ATTACK



In order to understand how to work with the Wow and Flutter, it is first advantageous to think in terms of what you might like to do with the Wow & Flutter. If you are simply connecting the Wow to a guitar and plugging it into a guitar or bass amplifier, then operation can be relatively straightforward.

Some people may enjoy simply messing about with the controls until they get something musically useful. Others may wish to understand some of the principals going on behind the scenes.

The first control we should focus on is the DRY/WET control. (#3) With this knob turned all the way to the left, you will hear only the DRY guitar. Depending on how the rest of the controls are set, as you begin turning this control to the right (clockwise) you will start hearing the signature "rubbery" sounds of the wow and flutter (at long delay times) or at the very least, you will start hearing the darker character start mixing with your brighter Clean tone.

Keep in mind that due to the filtering and modulation going on inside this box, a fully wet signal will sound much different than the original source signal. This is intentional.

So let's start with a simple patch. Start by plugging in a guitar, or whatever sound source you like (drum machine, DAW, Mp3 player, etc) Just make sure you do not plug in with a TRS cable. The Wow& Flutter only accepts a MONO ¼" cable.

Set control #1 (gain) to about halfway. Start by setting #2 (Volume) to around 50%. (you can always turn this up or down) Set #3 (Dry/WET) to halfway. At this point there are three controls that are going to be very, very important. Start by turning #8 (warp) all the way up. Turn #7 (decay) to around 25%. This is important as you WILL NEVER get any rubber sounds if you have warp at zero and Decay at zero.

Now set #5 (delay) to about halfway. Begin playing. If you don't hear any change in your signal, start turning #4 (threshold) until the WOW reacts to your guitar or input source.

If you did everything properly, the WOW should start messing with your signal in reaction to the peaks and valleys present. Begin adjusting #6 (feedback) and #9 (attack) to dial in the sound.

Grabbing #5 (delay) and turning it to either direction will dramatically change the WOW's response time and range of effects.

If you are using this box in a recording/production environment, it is likely that you will be inputting line level into the box. In this case, pull back the Gain and the Volume. If you are NOT a fan of overdrive, you can also reduce the level of the signal feeding into the WOW. Since this box can handle a wide variety of sound sources, you will need to get used to how it reacts to different sounds, different tempos, different genres, etc. Snazzy FX has tried to create boxes that react very differently depending on how you use them, and the WOW is no different in this regard.

One simple experiment is to setup a loop or a drumbeat. Send it through the WOW and begin turning the knobs. You will quickly find the sweet-spots for your material. Once you do, you can fine tune the effect by gradually changing the Attack, Decay, and Threshold settings. To dial in even farther, you can pull back the Warp control just a hair which often will allow you to "tune" the crazy sounds of the WOW.

The gain control and the Threshold control are interdependent, which means that as the signal coming in gets louder, the Threshold control will react very differently. A basic rule of thumb is that for very loud signals, you want to turn #4, counter-clockwise and vise-versa.

The wow can act as a very basic gritty delay if you simply turn the WARP and Threshold controls all the way to ZERO. This will disengage the malfunctioning tape machine effects. (attack and decay will cease to have any effect) and only GAIN, DELAY, and FEEDBACK will have any effect.)

One area of effects which are more subtle but just as useful on the WOW are the short delay time settings. Non-periodic pseudo-chorusing effects are easily accessible by simply setting the delay time to 2-10%, putting the dry/wet control toward a 50/50 mix, and setting the feedback to 100%. Much of this effect will depend on how the attack and decay controls are set. Your mileage may vary depending on your instrument and your playing style, but once such an effect is dialed in it can be used in a number of ways. One of the advantages of the WOW is how responsive it is to your playing.

For more information please refer to SNAZZYFX.COM

The Tracer City requires a proper DC 9v adapter. If you purchased this unit without a DC adapter please contact your nearest SNAZZY FX dealer for information.

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