Soul Press White Paper

The idea of the Soul Press was to make a compact pedal large enough for real people to use, and love. The challenge of the design stage was to keep it both compact and ergonomic. What we came up with was a pedal small enough carry around, but that feels just right when you use it. We made sure the angle of the Soul Press pedal was the same as most wah pedals on the market, so if you're an old cry baby player, you'll feel right at home stepping on the Soul Press.

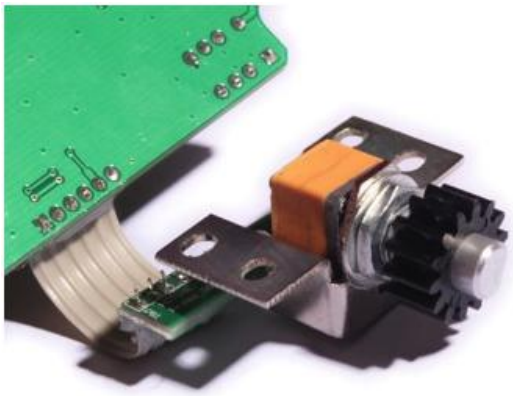
Even though Soul Press is relatively small, it has a 9V battery compartment, and since it is so energy efficient, you won't need to change that battery very often. But when you do need to change the battery, it's easy to get to: we designed the battery compartment to have just two screws (rather than four), and we put a big slot in the screw tops so you can turn them with a coin or a key. Nobody really carries a screwdriver around, after all.



Like the Hotone Skyline pedals, Soul Press features True Bypass circuitry, ensuring pure signal I/O. Switching between modes is also a comfortable affair, since the kickswitch is fitted with durable rubber stoppers.



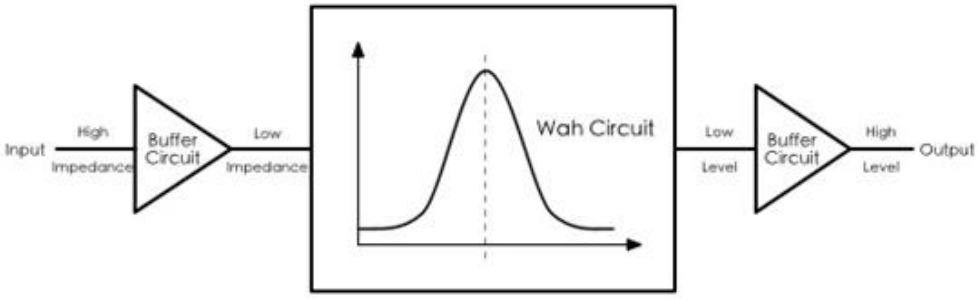
Soul Press employs a specially designed potentiometer that ensures smooth lines of expression and very low noise for the long life of the pedal.



The INPUT jack side of the pedal is fitted with the mode selector switch and 9V DC power input jack. The unit features three modes: Wah, Volume, and Expression. In Wah and Volume modes, you can switch Soul Press into True Bypass mode, keeping your original signal intact. The pedal can function in Expression mode without external power.

The OUTPUT jack side of the pedal hosts the Bottom Value control. Adjusting this feature allows you to set the lowest level of your volume or expression parameter. We know musicians need precision in using their gear, so we intentionally added this feature so you could have it the way you want it.

The Soul Press Wah mode is based on the classic CryBaby* circuitry, but we made a couple important modifications. First, we added a buffer circuit to the input so that instruments of different impedances would all get equal treatment. We also added an output buffer to enhance the circuit drive power.



In order to get the best wah sound, we selected and tested numerous different part options. If you open the pedal up, you'll see we used several different types of capacitors.



- # Soul Press inductor

But however important the other parts are, the inductor is the decisive factor tone-wise for any wah pedal. Italy legendary Fasel** inductor is inarguably the core element of the classic wah tone. Since for many, having a Fasel-driven wah pedal is a dream come true, Hotone spared no expense and purchased several types of high end Fasel inductors from the 70s and 80s. We ran them each though strict tone testing, and after deciding on the sound that would be the Soul Press Wah, made an exact replica.





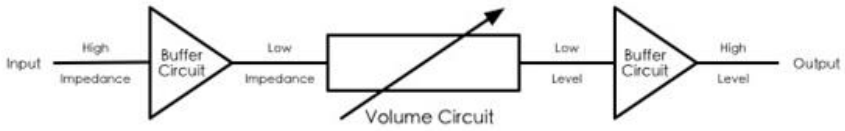
*CryBaby is a registered trademark of Dunlop Manufacturing, Inc.

**Fasel is a registered trademark of Dunlop Manufacturing, Inc.

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- # Volume Mode

Volume Mode is an active volume design. If musicians the world over agree on one thing, it is their common hatred of the volume sucking quality of passive volume pedals. Soul Press can be arranged at the front of an effects line or at the very end and it will have about the same amount of volume control.



- # Expression Mode

Expression pedal mode can be used without a battery or external power supply. It is compatible with most digital effects and connects with a standard stereo 1/4 jack. This mode also supports keyboards and other instruments that use expression control. In Expression mode, the LED indicator must be clicked on to maintain output.

