

# Reflection

REVERB

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Reverb is one of those effects that almost everyone uses... Usually, when plugging into an amp, the first thing that happens is a little reverb is added to give the tone life, and then everything else is tweaked. Unfortunately, these days, most amps just don't have a decent reverb on them, and it feels like some amp companies treat quality reverb as either an afterthought, or like our own Bravado, it is left out altogether in order to keep the amp as pure as possible.

For years now, there has been the option to buy a simple reverb pedal to compliment your amp and they tend to be either very simple in features, or at a level where you need a degree in computer science to program them. Those large ones generally take up the space of three pedals as well...

When we discussed the Reflection, we drilled down into the mind of almost every guitar player we could talk to in order to see what they wanted from a reverb pedal. It turns out that most people still want it to appear simple but at the same time sound like a million dollars. With that in mind, Brian and Jake locked themselves away and worked and worked at the heart of the code to would make the Reflection the perfect, single-sized reverb pedal for as many players as possible. People wanted Spring and Plate, they wanted to be able to control the amount of pre-delay reflection, they wanted to be able to make the trails lighter or darker, and if possible, an infinite decay that wouldn't get in the way and self oscillate. Also, if possible, add the option of true-bypass/buffered with trails and a dry kill? Consider it done.

So, that's exactly what they did. Starting with an always pure analog through tone, the signal is split and you get two amazing reverbs - clear and crisp studio plate, and an authentic spring that wobbles and shakes just as you want it. There's the ability to add in light reflections, up to infinite decay, dry kill, trails and everything listed above. You get the most complicated sounding (but easy to use) straight-forward reverb available.

To get the most out of your new pedal, you'll want to become very familiar with the controls. The Reflection features Volume, Pre-Delay, Tone, Repeats and Decay controls, and on the inside you have the option to set it to dry kill or change the bypass from true-bypass to buffered to give you the options of 'trails'.



**Bypass** – A relay based true-bypass footswitch that ensures your signal is unaffected when bypassed. However, this can be switched to buffered bypass (see above) for ‘trails’. Don’t worry, the buffer in the Reflection is awesome and won’t take away from your tone!

**Volume** – Controls the overall level of the reverb. At low settings, it can be quite subtle and just add that element of room and space around your tone, the more clockwise you have this setting, the louder the reverb trails become. This can range from subtle to a decay that can send you into an infinite wash of ambience. You’ll find that balancing this control with the amount of decay and the tone is the key to your reverb. Remember, finding that balance of volume is what can make you sound awesome, or lost!

**Plate/Spring** - Your reverb voicing. We all know about Spring tanks and we all know that they don’t sound as good as they used to, but the Reflection is made to sound like those awesome old tube tanks... deep and spongy, so you can get the bounce you need. The Plate setting is a much more smooth sound, studio quality and just the perfect added touch. When on Plate mode, bring the decay all the way up, the tone down and enjoy that soft texture that has made endless ambient hearts break wide open.

**Pre-Delay** - The key to a natural sounding reverb is the ‘initial’ reflection. Natural reverb is never smooth, you always get a first reflected bit of reverb that varies based on where you’re playing... With the Reflection we give you the ability to control that first reflection (or no first reflection, it’s up to you). This control allows you to bring it in from anywhere between 0ms (none) and 140ms which is quite a large ‘hit’. As always, play with it... find that sweet spot!

**Tone** - Quite self explanatory! This adds brightness to your reverb trails... The bigger you have your reverb trail, the more easy it will be to handle with a darker tone. Your dry signal is unaffected by this control, it just gives your reverb a little brightness or keeps it nice and warm. Clockwise makes it more percussive and bright and springy, where counterclockwise makes it warmer and more subtle, great for just a bit of added depth.

**Decay** - The length of your reverb trail. The Reflection offers you an infinite decay to work with... from subtle and natural sounding to completely washed away with ambient droning reflections. Keep the tone knob down a little to stop it from overtaking your signal, but you have the capability to get completely lost in the wetness as the your reverb signal and all places between.

**Internal Dip Switches** - Tucked away inside your new pedal are a couple of dip switches, you’ll find them just to the right of the stomp switch. They are for Trails and Dry Kill (see below):

**True Bypass/Trails** - Labelled “Trails”. This will be set initially in true bypass mode by default, with the switch towards the bottom of the pedal. When the switch is moved up, you are now on buffered bypass but you have the option of ‘trails’. So, your reverb trail will still sing out after the pedal is bypassed (much more natural for transitions).

**Dry Kill** - Labelled “Dry”. This is initially set so that your through signal is heard, when you flick this switch only the reverb is heard... perfect for wet/dry rigs and anything else you can think to use it for!

## Suggested Settings



Us, and them?



Wet spring bounce



Massive Cathedral



A little bit of spring

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When emailing to inquire about a returned product, always refer to the Return Authorization Number. If WAMPLER determines that the unit was defective in materials or workmanship at any time during the warranty period, WAMPLER has the option of repairing or replacing the product at no additional charge, except as set forth below. All replaced parts become a property of WAMPLER. Products replaced or repaired under this warranty will be returned via ground shipping within the United States freight prepaid. WAMPLER is not responsible for costs associated with expedited shipping, either to WAMPLER or the return of the product to the customer.

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**FOR YOUR PROTECTION.** Please complete the online warranty registration within (10) ten days of the date of purchase so that we may contact you directly in the event of a safety notification issued in accordance with the 1972 Consumer Product Safety Act.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantees that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experience radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s warranty to operate the equipment. **CUSTOMER SUPPORT.** Our dedicated staff is ready to help you with any warranty or product questions – please email us at [help@wamplerpedals.com](mailto:help@wamplerpedals.com) or call us on (765) 352-8626

Please remember to register your pedal as soon as possible after purchase at the following web page to ensure quicker service if you should ever need to make a warranty claim: [www.RegisterYourWampler.com](http://www.RegisterYourWampler.com)