

Germanium **H**ybrid **F**uzz

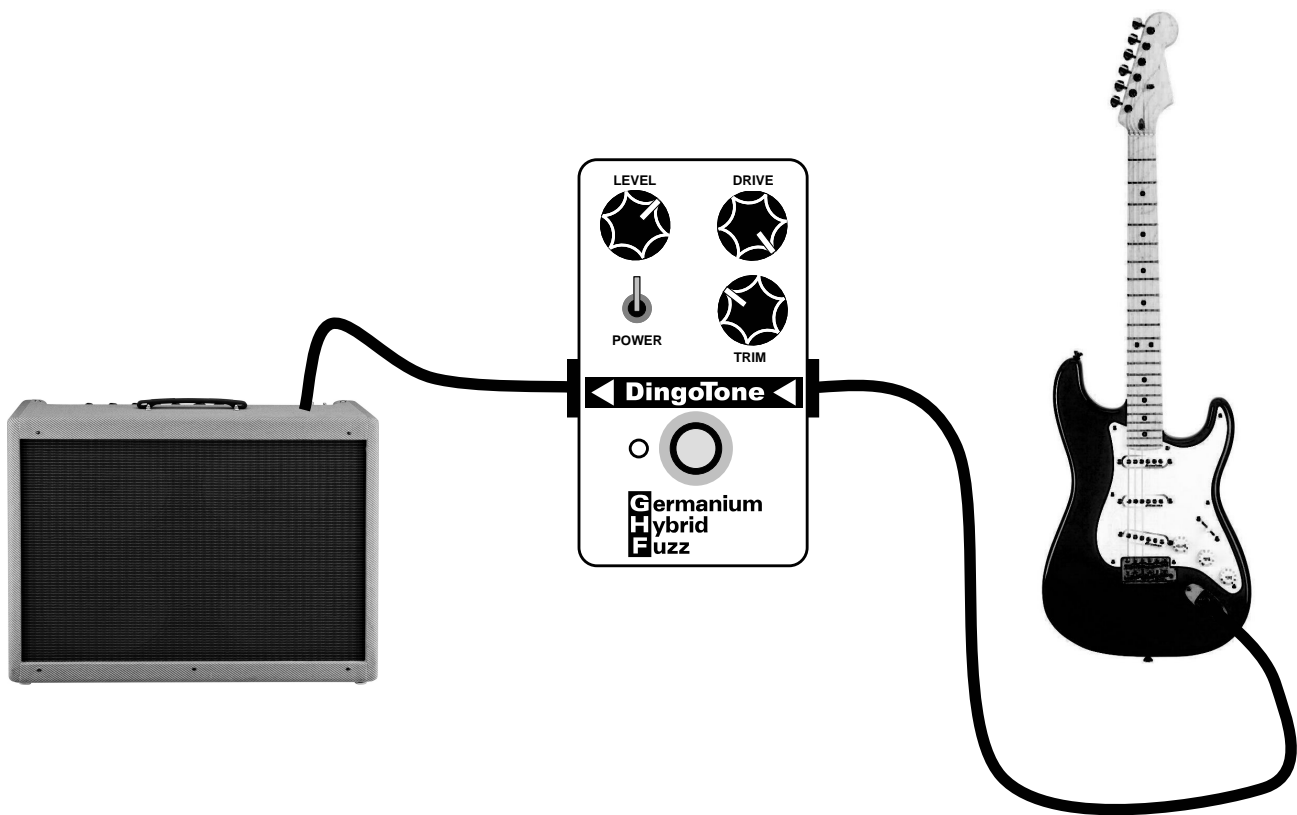
◀ **DingoTone** ▶

This professional effects pedal was hand made
in North America from premium components.

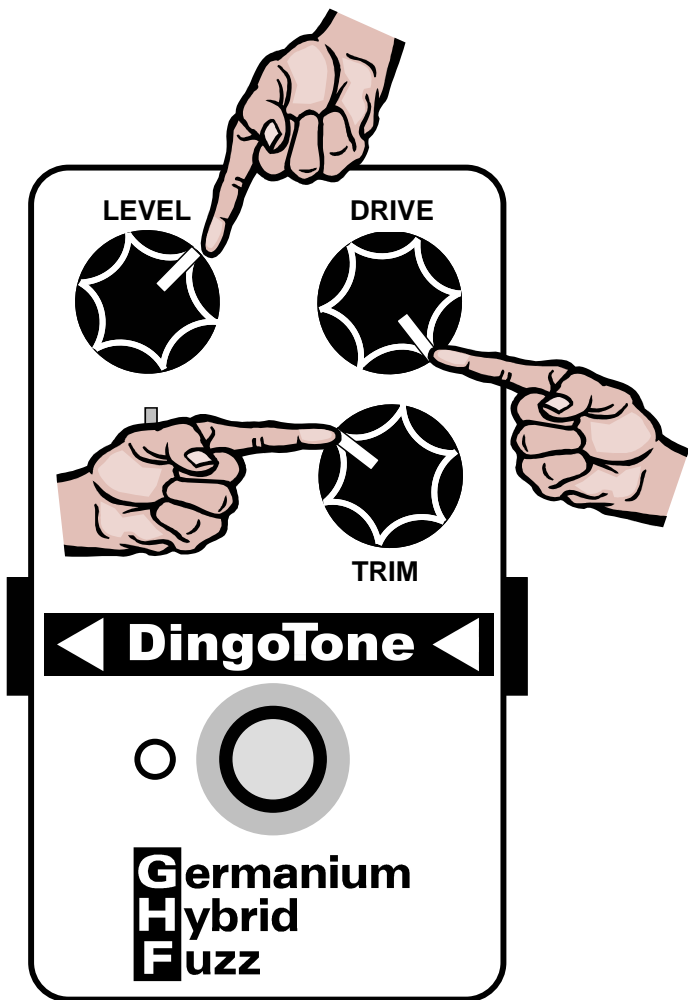
Thank you for your purchase.

Plug it in and play!

Connect your **Germanium Hybrid Fuzz** pedal like this:



Set the knobs as shown below then turn on the pedal. Turn on the amplifier. Play some lead in the middle of the neck... Adjust the controls to taste.



Your **Germanium Hybrid Fuzz** pedal captures the tone of guitar legends from the sixties through to today. This classic fuzz tone has been used in countless recordings.

Be sure to use the **Germanium Hybrid Fuzz** as the first pedal in the chain. Putting it after another pedal will not harm anything, but it will reduce a lot of the touch control and playing dynamics.

Set the drive to maximum and use your neck pickup for good lead tones. Plenty of great tones are available with lower drive settings and with your bridge pickup.

Many users leave the drive set to maximum and control the pedal with the guitar volume control and picking dynamics. The pedal will clean up very nicely using the guitar volume control.

Your **Germanium Hybrid Fuzz** pedal was designed in North America by fellow musicians. Because we live here, we understand how a pedal should sound for the music you like to play. Our certified engineers also know how to make pedals that are tough, reliable, and easy to use.

DingoTone cares about TONE. And our standards are high. All our pedals have great tone, great feel, and sound fantastic live.

All DingoTone pedals are hand built in our factory in North America using premium parts sourced extensively from North America and Europe. We use vintage design and manufacturing techniques wherever possible, and we purchase vintage specification components where available.

Control functions

The **Level** control sets the output level of the pedal. Due to the vintage nature of the circuit, the level control will interact with the amplifier input circuit. Because of this, changing the level may result in subtle changes in tone. This is normal.

The **Drive** control sets the amount of fuzz. Many users set this control to maximum (full clockwise) and control the pedal with picking dynamics and the guitar volume control.

The **Trim** control allows adjustment of the “woofiness” of the pedal. Set it wherever sounds best to you. Turned all the way counter-clockwise (left) the trim control is removed from the circuit and the response is closest to vintage. With the **Fuzz** control on full, try setting the **Trim** more counter-clockwise (left) for lead, and more clockwise (right) for chording.

Inside the Germanium Hybrid Fuzz

This pedal is an evolution of the standard vintage fuzz circuit. The heart contains a veteran Germanium transistor for Q1 and a hand-selected Silicone transistor for Q2.

The specific combination of transistors in the pedal gives superb tone, great dynamics, and improved temperature stability^a.

The pedal has a set-point/bias control inside mounted on the circuit board. This has been set in the factory to the optimum “smooth” tone. We do not recommend adjusting this control and you do so at your own risk.

About your pedal

- The **Germanium Hybrid Fuzz** pedal is proper (3PDT) True Bypass. All True Bypass pedals may make a small noise when switched – this is normal and does not indicate a fault in the pedal. Your DingoTone pedal has been carefully designed to minimize this.
- Assuming the power switch is “on” (flicked up), inserting a lead into the INPUT jack turns power on. Turn off the power switch or remove the input lead when not in use (be sure to turn the amplifier off first!)
- Assuming the pedal is correctly powered and a lead is plugged into the input, the pedal is in true-bypass when the LED is off. True-bypass will work even if power is lost (the LED doesn’t work if power is lost).
- The pedal will operate from an internal 9V battery only. For best results, the battery should be a cheap carbon type. We have found “dollar store” batteries to be the best.

^a If the pedal is hot (e.g. left in direct sunlight for an extended period) the tone will change. This is completely normal for Germanium devices and, as long as the pedal has not been damaged by excessive heat, it will return to normal once it has cooled down

- The battery can be accessed by removing the base-plate screws. If the pedal is not used for an extended period, please remove the battery.
- When changing the battery **please be careful!**
 - Bashing your fingers on the circuit board can damage your fingers or the circuit board assembly (not covered under warranty).
 - Excessive force on the battery snap can damage the snap (not covered under warranty).

WARNING

The **Germanium Hybrid Fuzz** is NOT designed to be used on an external power supply.

The pedal is “positive ground” and daisy chaining power with other pedals or using the incorrect power supply could damage the **Germanium Hybrid Fuzz**, the power supply, or the other pedals.

The veteran Germanium transistor in your pedal is from an extremely limited supply and no more have been made in the last 20 years. While a pedal with a blown transistor *can* be repaired, it is expensive and the pedal may well lose some of the veteran mojo.

So please, do not use an external supply. Just use batteries – the pedal doesn’t draw much current, so a battery lasts a long time.

Any attempt to use an external supply immediately voids the warranty.

Warranty

This pedal is covered by a 12 months replacement warranty. As long as the pedal is not physically or electrically damaged but has a fault due to parts or labour within 12 months of the initial purchase date, we will replace the pedal at no cost to you. Shipping to DingoTone is at the owners cost. No warranty claims will be accepted without a Return Authorization (email us for details).

The warranty is void if any modification or repair is done by anyone other than DingoTone, or if the pedal has been disassembled. There are no user serviceable parts inside.

Under no circumstances will DingoTone be responsible for consequential loss or damage. At all. Ever. We’ll replace your pedal if it fails because of a defect. But that’s it.