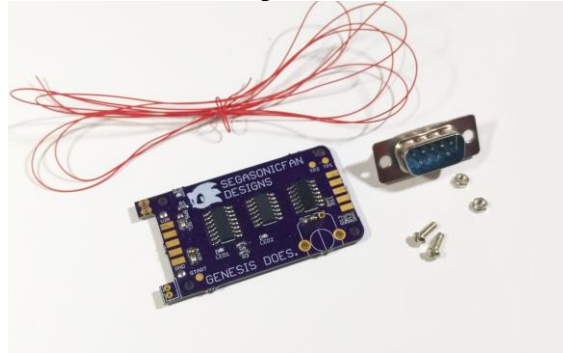Thank You for purchasing a **Uni-Gen Converter**! You are on your way to more comfortable gaming with a classic Sega Genesis controller!

UNI GEN CONVERTER

<u>Why It's Different</u>
The Uni-Gen Converter is not like other converters on the market right now. Most controller conversion PCBs are made using small microcontrollers. This means they are individually programmed using a tiny CPU with memory and lots of other stuff.

But that's not how Sega designed it. Old controllers use fast CMOS TTL logic- no programming necessary. This means everything is done *immediately*, without executing code and sending instructions. The Uni-Gen Converter is made with the same exact 1980's parts so it functions *exactly* like an 80's game console does; it is not emulating the logic, it is the real thing.
The result? You have a 100% lag-free converter, the way it was meant to be.

<u>INSTALLATION INFO</u>:
Please see the attached image for how to install your new Uni-Gen PCB. Either of the +5V inputs may be used. The A button is unused for the GG / SMS but can be mapped as an extra button if you choose. The controller plug side of the PCB connects 1:1 to the included male DB9 plug. The best place for the Uni-Gen PCB is the open area beneath the cart slot. It is advised that you insulate the pins of the cartridge connector with Kapton tape or electrical tape to keep the PCB from accidentally shorting anything out. Use a rotary tool to drill a hole for your DB9 connector and 2x M2 screws. I find that it's useful to solder wires to the DB9 connector before screwing it into the case, as the contacts can be hard to reach after it is screwed in.

<u>HOW TO USE</u>:
<u>3-button Sega Genesis/Mega Drive Controller</u>: Plug and Play!
<u>6-button Sega Genesis/Mega Drive Controller</u>: Plug Uni-Gen Converter into you system. **Plug your 6-button** controller into the Uni-Gen Converter. **Plug your new Uni-Gen Converter** into the game system. **Hold down the "Mode" button** on your controller. **While holding down the "Mode" button, power on** the console. Sometimes you may need to press hard on the mode button depending on the age/wear of the controller.
Note: Only 3-button layout is supported (x,y,z won't do anything).

<u>For built-in Auto Fire</u>: (B-button, / Shot, / Button 1):
a) Press **Start** to pause a game (if the console supports pausing, otherwise move on to next step)
b) **Hold Left** and **press Start** again to unpause the game. Auto-fire is now **active**.
c) Turn the dial on the Uni-Gen Converter to your desired speed (LEDs will indicate speed).
d) **Press Pause** again to turn off auto-fire feature.
Enjoy! :)

Warranty Info:
This product does not come with a return policy. Since this is an install board, I cannot accept returns after any soldering is attempted. This board is being sold "as-is" without support of any kind. Please refer to the included instructions for installation info.

Liability Notice:
This is an add-on device not originally designed for your vintage video game system. As such, it is always possible, however unlikely, that some harm might come to your vintage gaming system by using this device. Given the nature of failing capacitors and aging electronics, I cannot predict all behavior and results. Every board is thoroughly tested prior to shipment and all boards include fuse protection.
However, please use this product at your own risk.