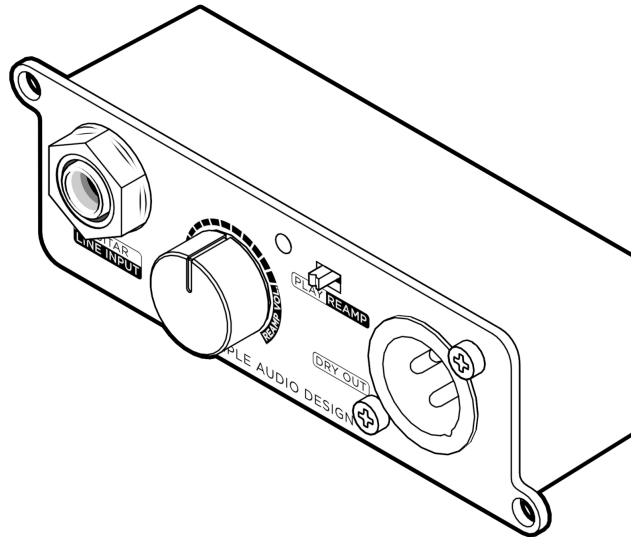
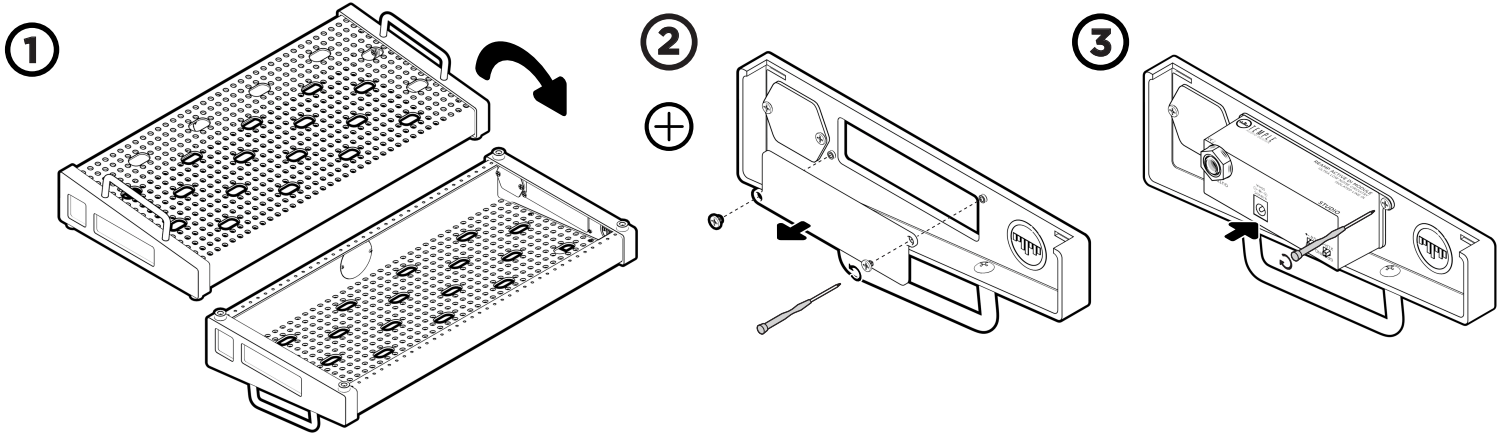


## INSTALLATION



The Studio MOD is a multi-function tool designed to smooth out your workflow in any recording scenario. It's an active DI and reamp device in one. You can record your dry guitar with a thru to your pedals/amp and then use it to later re-record into different amps. This allows you to not have to “commit” to anything on tracking day.

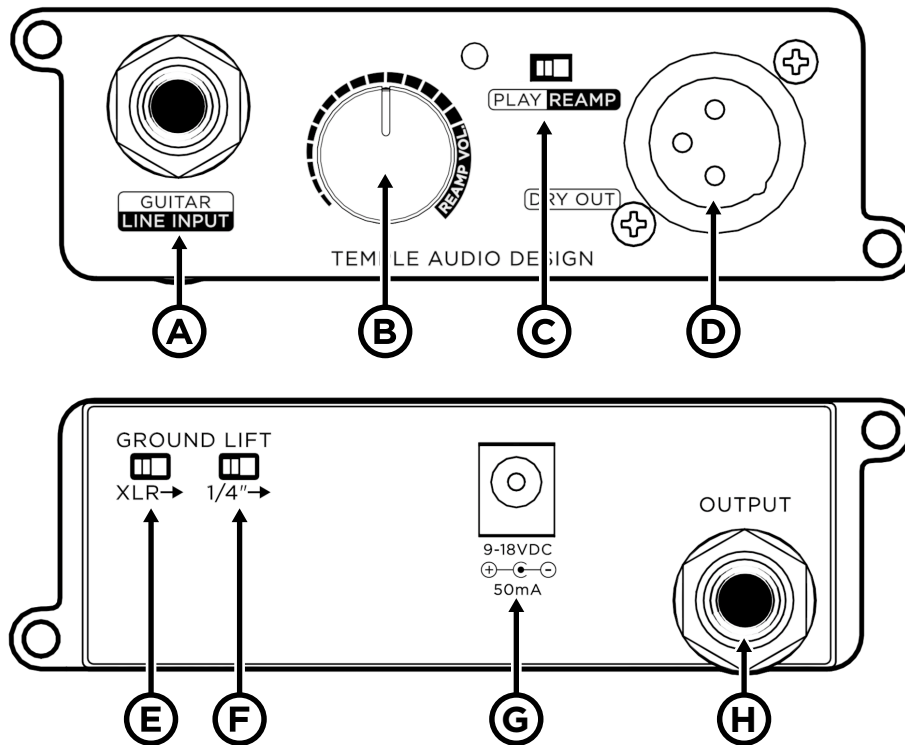
It has two modes:

**PLAY REAMP**

## RECORD/PLAY MODE

In record/play mode, you plug your guitar into the outside ¼" jack as you normally would. The input is buffered by a top spec, studio-grade opamp. Your dry guitar signal is converted to a low-impedance balanced output on the XLR jack. This XLR output is designed to give you a clean guitar signal for recording and comping/editing/processing. The buffered signal also goes into your pedalboard where it's processed by your pedals and/or amp as usual.

The studio MOD is designed to stay installed in your Templeboard and allows you to use your pedalboard in both a studio recording setting as well as a live performance.



### A - INPUT

¼" unbalanced input. Plug your guitar in here.

### B - VOLUME

Does nothing in PLAY MODE.

### C - MODE SWITCH

In record/play mode; Sends a buffered unbalanced signal over the rear ¼" and a balanced dry out over XLR.

### D - DRY OUT

Balanced XLR output connects to mic preamp on recording interface.

### E - XLR GROUND LIFT SWITCH

Disconnects pin 1 on the XLR jack. Useful for eliminating ground loops.

### F - ¼" GROUND LIFT SWITCH

Disconnects sleeve on ¼" jack. This disconnects ground in PLAY MODE (not good)

### G - POWER

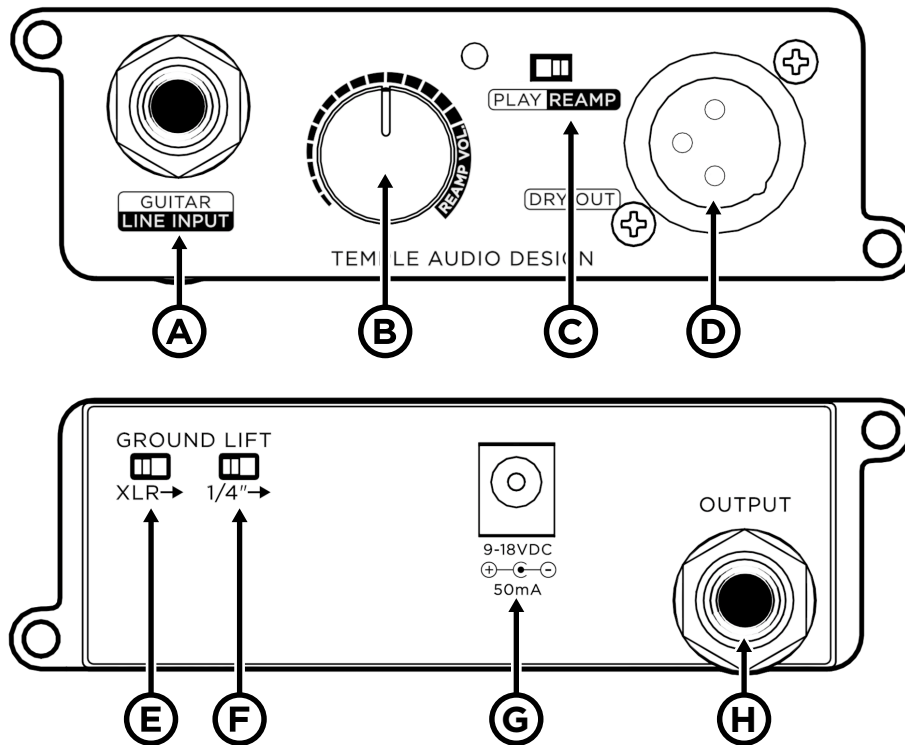
9-18V, 50mA, center pin negative power supply. Higher voltages (eg. 18V) will give more headroom.

### H - REAR ¼" JACK

Unbalanced buffered signal from your guitar.

## REAMP MODE

After you're done tracking, comping, editing, and anything else you want to do to the unprocessed signal, flip the switch on the front to "REAMP". You then connect a balanced output from your recording interface to the Studio MOD using a ¼" TRS cable. You can use the volume control on the front of the MOD to adjust the level of the recorded signal to match your guitar. This will help compressors, overdrives, fuzz pedals etc to react normally to your playing dynamics. You can then play back and re-record the dry signal through your pedalboard effects and into your amp and tweak away to find the perfect tones.



### A - INPUT

¼" unbalanced TRS input. Plug your recording interface into here for reamping.

### B - VOLUME

Adjust reamp playback to match guitar level for natural dynamics.

### C - MODE SWITCH

Receives a balanced signal on the TRS jack and sends it out on the rear ¼"

### D - DRY OUT

Does nothing in REAMP MODE

### E - XLR GROUND LIFT SWITCH

Disconnects pin 1 on the XLR jack. Useful for eliminating ground loops.

### F - ¼" GROUND LIFT SWITCH

Disconnects sleeve on ¼" jack. This disconnects ground in PLAY MODE (not good)

### G - POWER

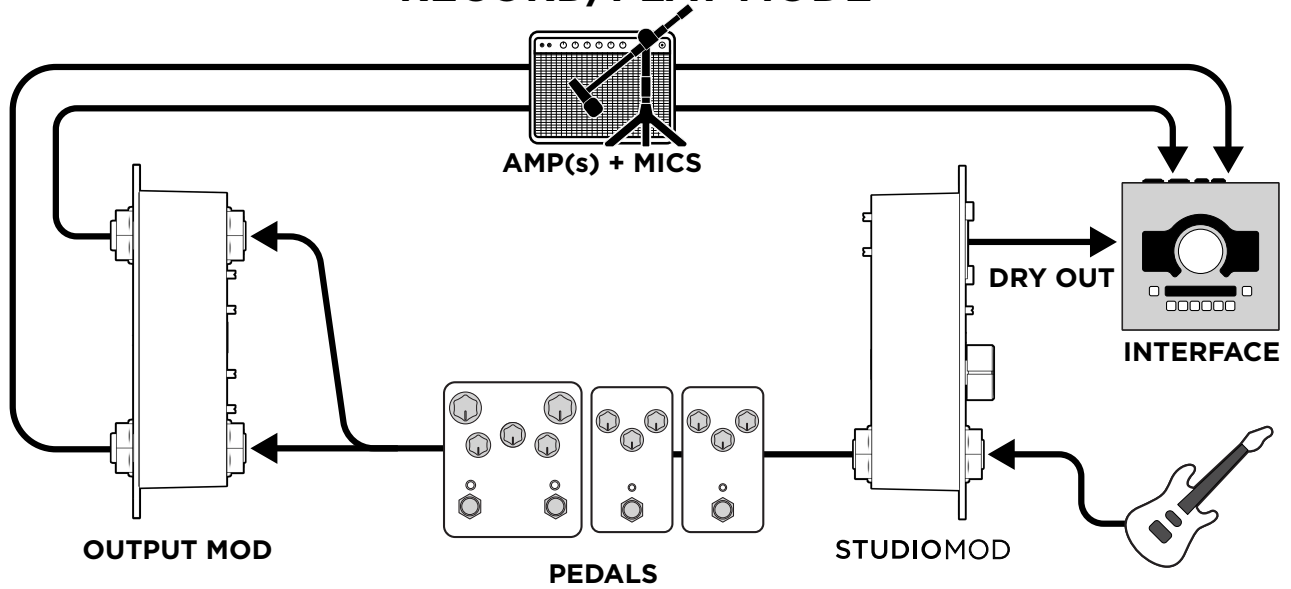
9-18V, 50mA, center pin negative power supply. Higher voltages will give more headroom.

### H - REAR ¼" JACK

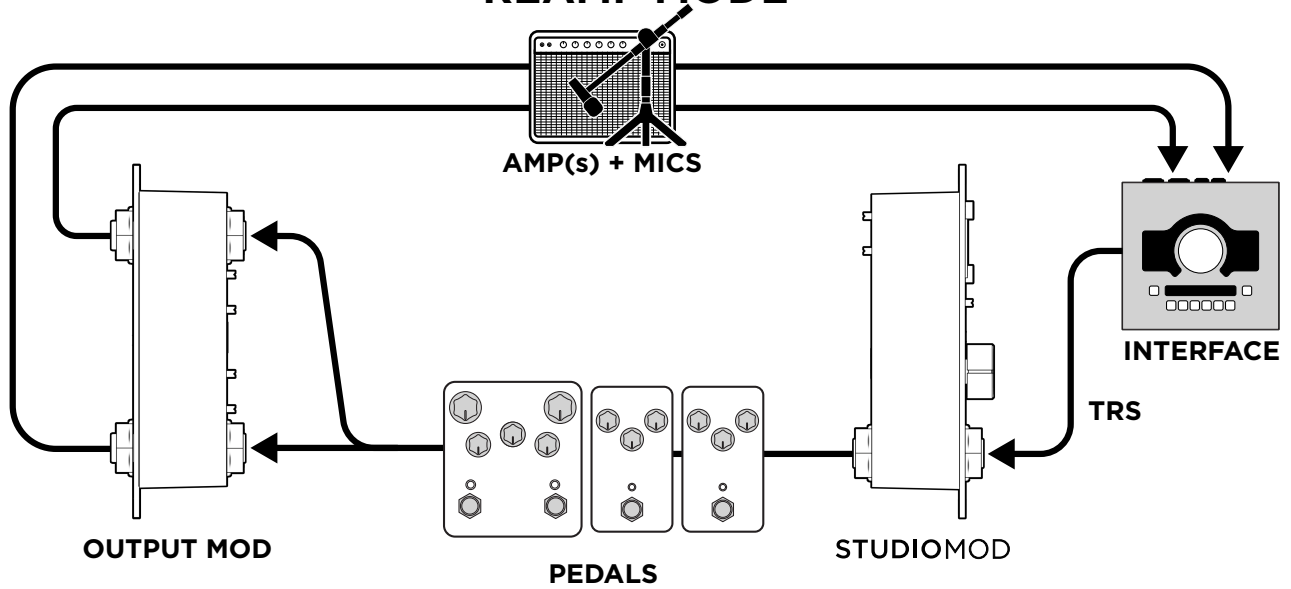
Unbalanced, transformer-isolated signal from recording interface.

## CONFIGURATION OPTIONS

### RECORD/PLAY MODE



### REAMP MODE



## **SPECIFICATIONS**

### **Input impedance:**

Play mode: 1.1M $\Omega$

ReAmp mode: ~1k $\Omega$

### **Output impedance:**

XLR out: 11 $\Omega$

Play mode 1/4": 25 $\Omega$

ReAmp mode 1/4": ~475 $\Omega$

### **THD+N**

**XLR out:** < 0.0004% THD+N @ 1kHz, 1Vrms

**1/4" out (Play Mode):** < 0.0005% THD+N @ 1kHz, 1Vrms

**1/4" out (ReAmp Mode):** 0.013% THD+N @ 1kHz, 1Vrms

### **SNR**

**XLR out:** 118.4dB @ 1Vrms

**1/4" out (Play Mode):** 117.7dB @ 1Vrms

### **Max input level**

**Play Mode @ 9V DC in:** +14.9 dBu (1%THD)

**Play Mode @ 12V DC in:** +19.5 dBu (1%THD)

**Play Mode @ 18V DC in:** >20.3 dBu

**ReAmp Mode:** >20.3dBu (any DC input voltage)