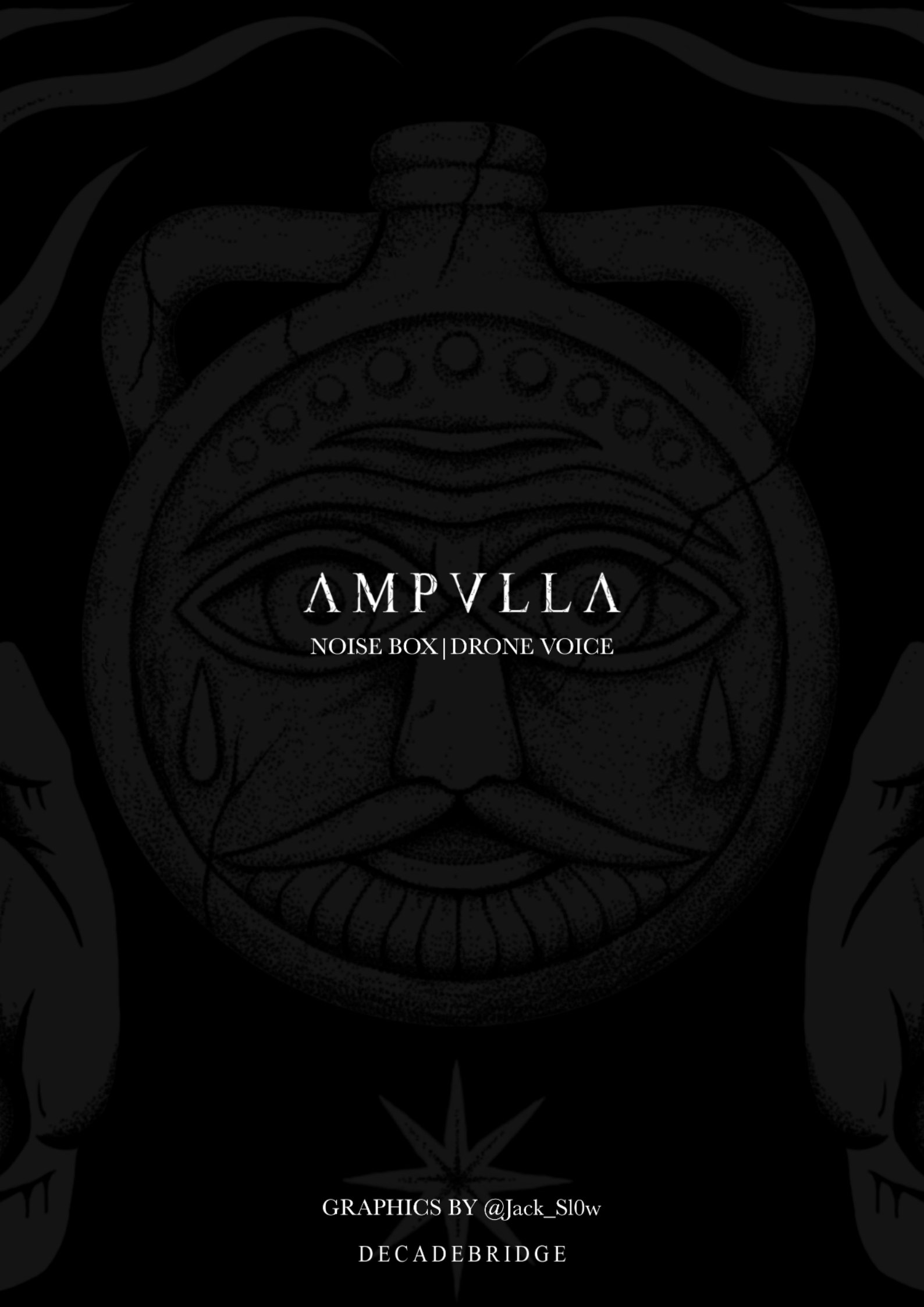

GRAPHICS BY @Jack_Sl0w

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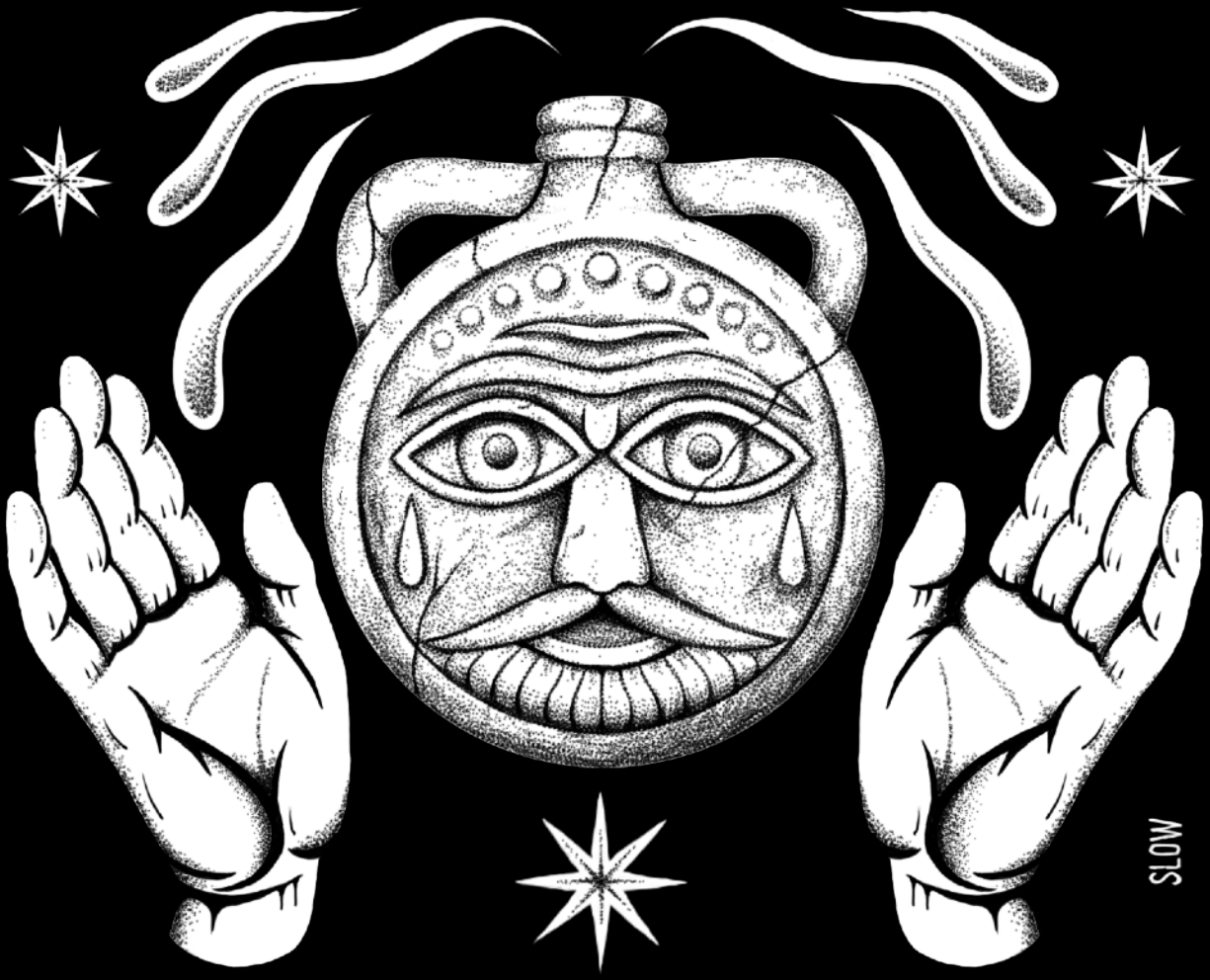


AMPULLA artwork created by Jack Slow.

Jack Slow is an artist from Trento in the North of Italy. He is an illustrator and tattoo designer who also produces music under his own name and is an active member of the Trigger Collective.

Jack's audio work on bandcamp.
wasteelctronic

Instagram:-
Jack Slow
expoliner

Trigger Collective

Layout.

AMPULLA is a noise box and drone voice instrument. It's main function is as a contact mic instrument that allows you to build different noise making plates to create your own instrument. It also features a square wave oscillator that reacts to the built in contact mic and vibrations that it picks up.
Other devices, external contact mics, synths can be connected to its input to use **AMPULLA** as a distortion or dirty preamp.

IMPORTANT INFORMATION. PLEASE READ:-
AMPULLA COMES WITH A 9V !!CENTER NEGATIVE!! BATTERY CLIP. I RECOMMEND YOU RUN AMPULLA OFF A BATTERY AS THIS WILL GIVE YOU A CLEANER SIGNAL. DUE TO AMPULLA'S HIGH GAIN NATURE ANY NOISE CREATED BY CHEAP PSUS CAN BE ACCENTUATED BY THE INSTRUMENT.

I RUN AMPULLA OFF THE FOLLOWING:-
EBL RECHARGEABLE 9V BATTERY - 600mA
DP-01 DONNER POWER SUPPLY - 100mA OUTPUT - THIS ALLOWS ME TO ALSO RUN SEVERAL GUITAR PEDALS ALONGSIDE AMPULLA.

support@decadebridge.com

Main controls.

1 INPUT.
Connect external audio devices/external contact mics here. This will then be run through AMPULLA'S gain stage (**4**) before the output stage (**2 + 3**). If nothing is connected here AMPULLA'S built in contact mic is sent through the gain stage before the output stage. This accepts a 3.5mm mono cable.

2 OUTPUT LEVEL.
Set the output level here for the built in contact mic or input at **1**.

3 MAIN OUTPUT.
This is the output for the built in contact mic or signal at **1**. This accepts a 3.5mm mono cable.

4 INPUT GAIN.
Set the gain for the built in contact mic or input at **1** here. You will only need a low setting for the contact mic to get a clean sound. The more gain you use the more aggressive the sound will become. At extreme settings AMPULLA will pick up ambient sounds and also potentially feedback if near any speakers. If you are using an external device at **1** this knob acts as a dirty preamp/distortion.

5 DRONE VOICE ON/OFF.
AMPULLA's built in square wave can be switched on and off here. If the switch is in the up position the oscillator is muted. In the down position the oscillator is on. When on you will have a slight mix of the oscillator sent through the contact mic output (**3**).
The built in drone voice will also respond to the built in contact mic. The amount by which it is affected is set using the INPUT GAIN knob (**4**). Anything connected to **1** will also affect the built in drone voice. You could also use a CV signal here for different results.

6 DRONE VOICE PITCH.
This knob sets the base pitch of the square wave oscillator. At its very highest setting the oscillator will cut out. This can create some interesting effects when using the onboard contact mic or external device to affect the pitch of the oscillator.

7 DRONE VOICE OUTPUT LEVEL.
Set the output level for the square wave oscillator here.

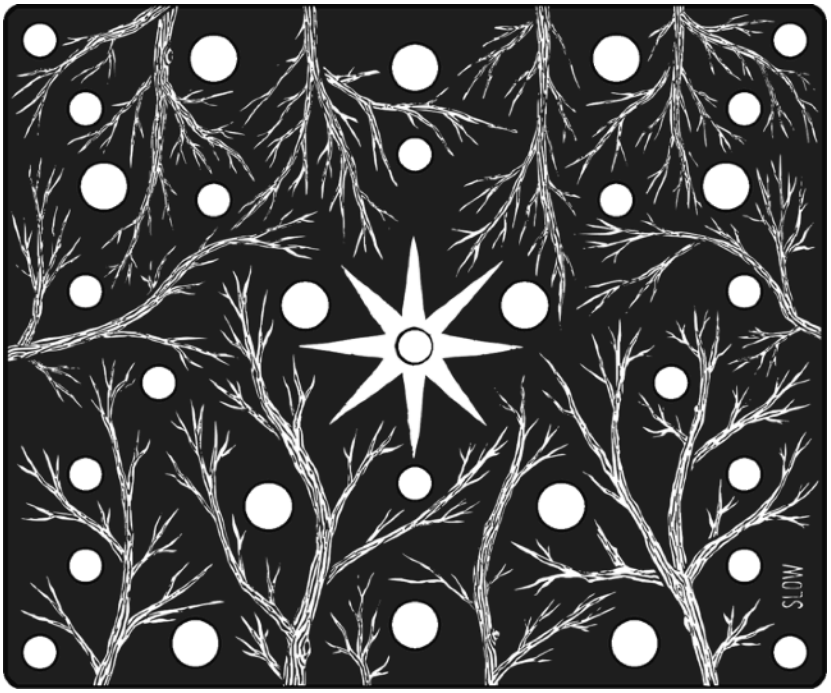
8 DRONE VOICE OUT.
This is the output for the square wave oscillator. This accepts a 3.5mm mono cable.

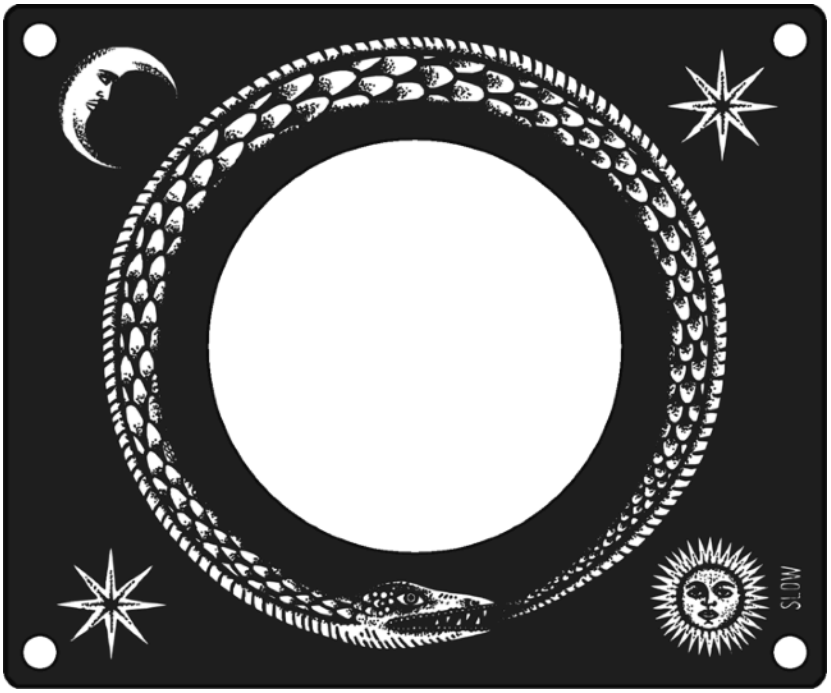
Assembling your instrument.

This is a quick look at how to put instruments together using the included plates. All of the hardware in this guide ships with the basic AMPULLA package.

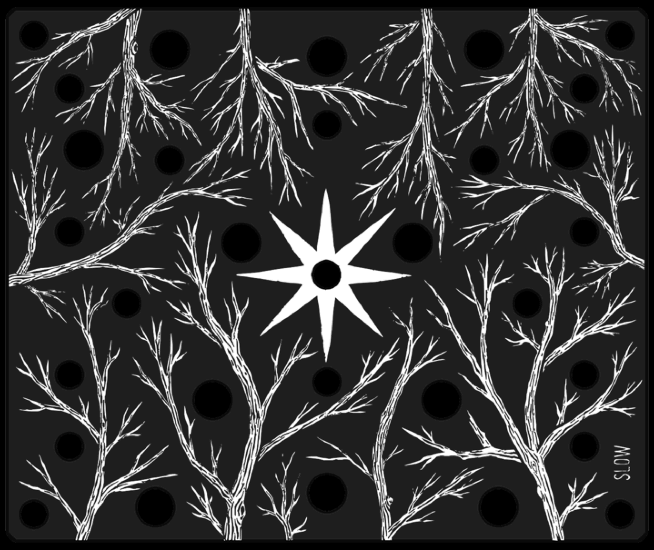
AMPULLA can be used as is by tapping or moving things around on its main faceplate. At extreme gain settings it can also pick up ambient sounds. 2 more faceplates are included along with a selection of screws, standoffs, springs, rubber bands, metal bowl and other sound making items.
You can of course also source your own sound making items to try with AMPULLA and experiment with it as you see fit.

The following two plates ship with the basic AMPULLA package. Both designed by Jack Slow.

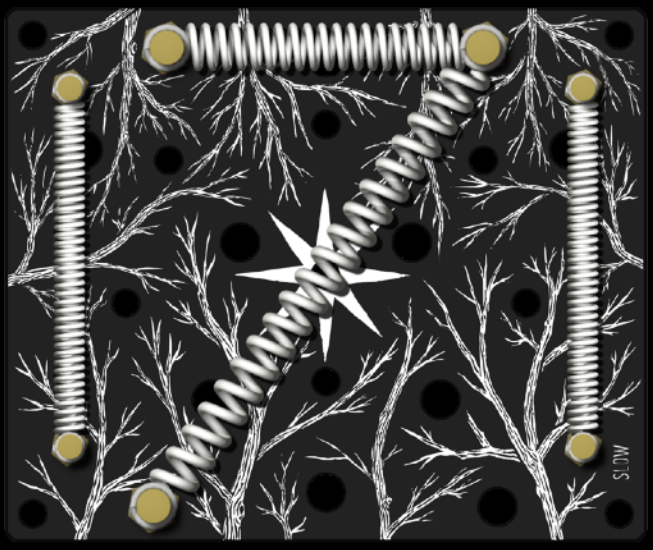




ASSEMBLING AMPULLA



Take one of your top plates.



Build it using the sound making items and hardware provided. This is a simple example using springs.

Remove the four corner screws from the main baseplate and replace them with the included standoffs.

!!IMPORTANT!!

The main plate shown here is fixed in place. The idea is to build the noise instrument on top of this using the hardware provided. Do not try to dismantle or remove this as the circuit and contact mic are attached.

Place the new plate on top of the standoffs and replace the four screws to each corner.
You may of course wish to source your own hardware to use with AMPULLA or use this plate as a layout to make your own plates from different materials.

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