ADDAC System
Instruments for Sonic Expression
Est.2009



INTRODUCING
ADDAC007 & ADDAC007W RESONATOR CLAMPS

USER'S GUIDE . REV01
October.2026

ADDAC System

From Portugal with Love!

Welcome to:
ADDAC007 & ADDAC007W RESONATOR CLAMPS USER'S GUIDE

Revision.01 October.2026

DESCRIPTION



These are standalone versions of our ADDAC129 Resonator, specifically made for guitars using a clamp format to make it easier to attach to any guitar headstock.
ADDAC007 can be used on any headstock up to 20mm thick, ADDAC007W is wider and can be used on any surface up to 45mm.
The system is comprised of an amplifier box and the resonator clamp. The amplifier has a 3.5mm mono jack input with an attenuator knob and a mono 3.5mm jack output to connect the transducer.
A 9v-12V DC 3Amp power adapter provides current to the system.
The input accepts any signal modular/line level.

Once in place, the transducer (vibration speaker) transports any sound through the strings making them resonate and capture their vibration with the guitar pickup.



The volume knob attenuates the incoming audio. Always be mindful of the level used, gain staging is crucial and loud doesn't always translates to better output, as a rule of thumb is typically better practice to lower the input volume and raising the pickup gain.

The input can be fed by the ADDAC121/122 pickup output creating a feedback system, it can be fed external audio which turns the system into an audio processor or a mix of both using external mixing.
The effect generated will always have the natural decay of the strings which can somewhat resemble a spring reverb with the upside that in this system there's no background noise.

The strings tuning will greatly influence the overall tone and harmonics that will resonate with the incoming audio. Short bursts of audio can decay into dense harmonics clusters, Drones will excite complex reverb-like harmonics as they are "filtered" by the strings tuning.
Users can manually mute individual strings allowing them to resonate at will.

The Speaker is mounted to a coupler that also connects to the amplifier box using vibration dampeners keeping it isolated from the speaker. The coupler tightly slides into the headstock end lever making it easy to install or remove. This standalone solution takes no rack space.

An external 9v DC 3Amp power supply is provided to power the amplifier box.

INSTALATION AND CONNECTIVITY

To install the clamp just place it on the headstock and tighten the big screw without over tighten it.



Connect the audio source to the amplifier input and the amplifier output to the clamp input.

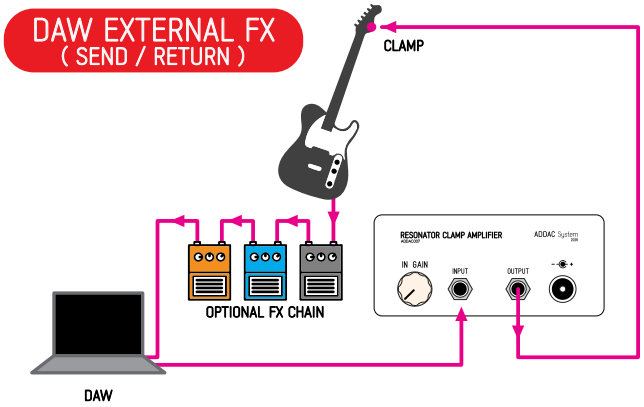
Connect the power adapter to the power input.

Adjust the amplifier gain level and you're all set.



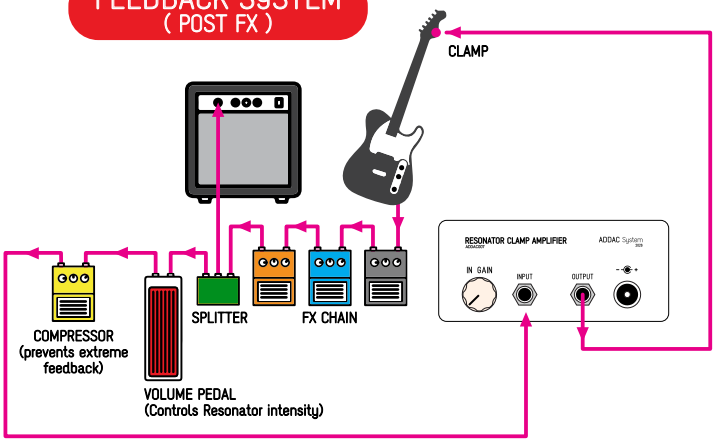
SETUP CONFIGURATIONS

DAW EXTERNAL FX (SEND / RETURN)

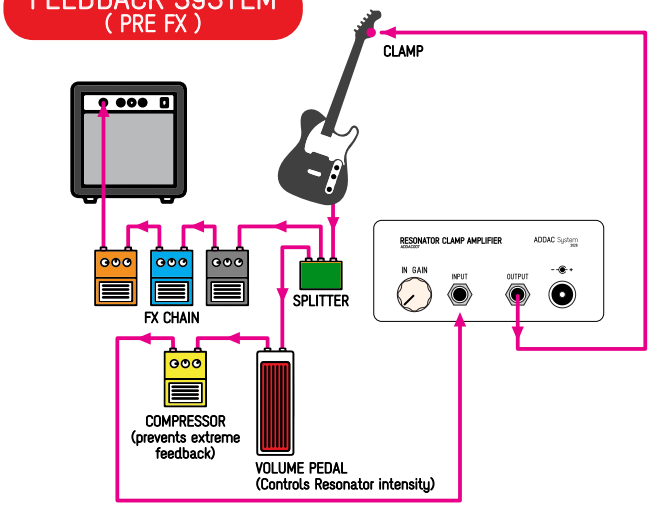


Using a sound card and a DAW, send any signal through any guitar and record it just like any external fx unit.
The guitar doesn't need to be played at all it can be just resting on a stand.

FEEDBACK SYSTEM (POST FX)



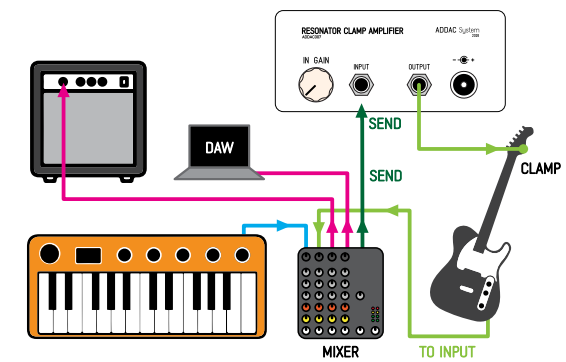
FEEDBACK SYSTEM (PRE FX)



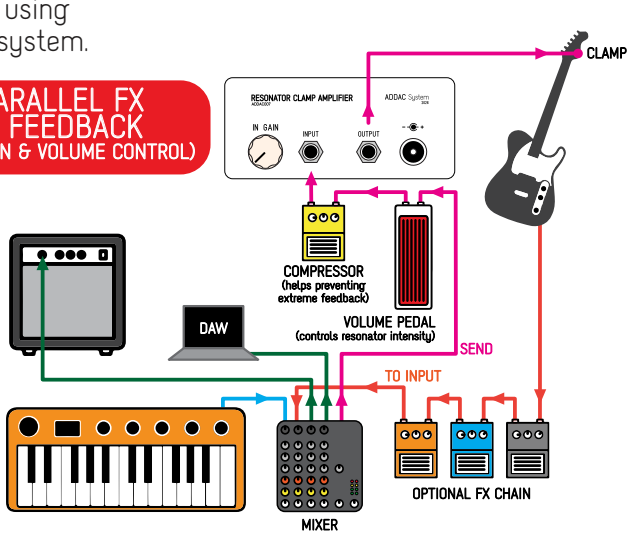
In feedback setups having a Volume pedal and compressor greatly helps controlling the resonating system.

Using a mixer one has an easy way to just process audio using the resonator or play the guitar and use it as a feedback system.

PARALLEL FX & FEEDBACK



PARALLEL FX & FEEDBACK (FX CHAIN & VOLUME CONTROL)



For feedback, comments or problems please contact us at:
addac@addacsystem.com

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