ADDAC System ADDAC006 Rotary Exciter Clamp



ADDAC System evolves its 'string revolution' into the world of guitars and other stringed instruments. The new ADDAC006 Rotary Exciter Clamp and the ADDAC007 Resonator Clamps promise to usher in an entirely new way for musicians to evoke tones from guitars and other stringed instruments. Each of these accessories — one designed to be clamped towards the top of the guitar neck near the body, and other other on the headstock — open up a new dimension of interacting with stringed instruments and a new frontier of sonic possibilities.

The ADDAC006 Rotary Exciter Clamp features a 7,000 RPM brushless motor that generates a rotating magnetic field, causing strings to vibrate at matching frequencies and harmonics. A dedicated speed knob provides non-linear motor speed control, and is powered by a standard 9V DC guitar pedal adapter. It also includes a 5-meter extension cable for convenient connection to pedalboards. Sonic and tonal variations are created by dialing in the right distance to the strings, choosing the motor speed, and of course guitar tunings.

Meanwhile, the ADDAC007 Resonator Clamp can be attached anywhere on the guitar headstock and oriented in any direction — placement experimentation is encouraged and will yield different sounds and tonal variety. The Resonator Clamp can be used on any headstock up to 20mm thick; ADDAC System makes a variation, the ADDAC007W, which can be used on headstocks and surfaces of up to 45mm thick.

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Connections and powering are simple — connect your audio source to the input of the amplifier box, which includes a 1/4" mono jack input with an attenuator knob, and then connect the 1/4" jack output to the Resonator Clamp. A 9v-12V DC 3Amp power adapter provides current to the system, and the input accepts any signal modular/line level.

The user manual describes several creative routing possibilities, — including the use of external audio for sound processing (pre and post FX), use with a DAW, guitar amplifiers, and more. In one possible scenario, users can send an external audio source to the input of the Resonator Clamp, and the Resonator Clamp will then produces resonances that respond to the frequencies and harmonics of the original audio source. If the audio source features different frequencies, for example as in a stepped sequence, the Resonator Clamp will cause the stringed instrument to respond to each frequency variation.

As with many ADDAC System tools, experimentation is encouraged. For instance, one can develop pads using the Rotary Exciter Clamp while playing individual notes and melodies on top of that pad. Or, one can turn the knob and vary the speed of the motor while it is emitting resonant textures, evolving its sound characteristic as a filter might impact a VCO.

The ADDAC006 Rotary Exciter and ADDAC007 Resonator Clamps are available now and priced at €120 and €200 respectively.

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