

**THE NEW AND ORIGINAL....**

**REZX™**

**...RESONANCE MODULATOR for violin, viola, cello and bass**

---

- ***Tames wolf notes***
- ***Adjusts instrument tone***
- ***Adjustable during performance***
- ***No more fiddling with Strings, posts and bridges to tweak the tone***
- ***US Patent 7678979***



*Model Vn for violin*

#### **HOW IT WORKS**

The original **REZX™** resonance modulator works with special high power magnets to alter the vibration characteristics of the instrument plates. Stringed acoustic instruments including violins, violas cellos and basses etc. have a tone that is uniquely characteristic to the construction, design and types of materials used in the production of the instrument. The tone is significantly affected by the weight and mass distribution of the vibrating plates. The **REZX™** resonance modulator changes the weight of the plates and in turn affects the tone of the instrument. Different areas of the plates react differently and to a greater or lesser degree depending on the weight of the **REZX™**. Changing the placement location or weight of the **REZX™** will generate different effects on the tone of the instrument.

#### **AFFECTING THE INSTRUMENT TONE**

Hollow body acoustic instruments often exhibit an odd or coarse sound known as wolf notes or at times a dull or “dead” suppressed sound as compared to other notes. These effects are a function of a particular note or range of notes that interfere with each other either positively by combining to vibrate excessively causing the notes to wolf or, in the alternative, the notes interfere negatively causing the note or range of notes to be suppressed and dull. The instrument maker cannot predict whether such interferences will be generated and will only find out once the instrument is finished and in its final playing form. Therefore, a great many instruments, and even very expensive ones, especially cellos, exhibit wolf or suppressed notes. In some instruments the wolf or suppressed notes are luckily in a range that are outside the normal playing range and therefore not troublesome, but in other cases the wolf or suppressed notes can be very problematic. The **REZX™** resonance modulator has the ability to move these wolf or suppressed notes to a range that is either less problematic or ideally completely out of the playing range.

Use of the **REZX™** will also be useful where a change in the tonal characteristic of the instrument is desired. By adjusting the location of the **REZX™**, the resonance of the instrument will be modified and can be adjusted in its effect.

## **BENEFITS**

The **REZX™** resonance modulator can be attached to the instrument in seconds with ease and without gluing, drilling or otherwise damaging or modifying the structure or finishes of the instrument. It is held in place by special powerful magnets.

The **REZX™** can be infinitely adjusted to fine tune the resonance of the instrument by simply moving the **REZX™** to different locations on the instrument. It can be placed on the instrument back as well as the top, or even the ribs, tailpiece or fingerboard.

Because of the ease of use, it may be useful for the player to adjust the **REZX™** regularly to modify the tone of the instrument to suit different musical pieces or styles.

The fine grain leather provides protection for the instrument finish as well as providing grip to minimize movement during play.

## **APPLICATION**

The **REZX™** for violin, viola, cello and bass contains 2 segments each. The outer segment is lined on one end with a fine grain leather to protect the exterior finish of the instrument. Separate the segments and place the leather lined segment against the body beside the f-hole (making sure to keep the leather end next to the varnish finish for protection), slide the remaining segment thru the f-hole immediately beside the outer segment. The outer segment will pick up the inner segment and hold it in place. By moving the outer segment, the inner will follow. Experiment to find the location that most approximates the desired effect. Generally, the maximum effect is in the region of 3 to 4 cm around the bridge, and areas approximately 3 to 4 cm above and below the f-holes. Least effect is found in the regions next to the corners and ends. All other areas of both the top, back, and ribs have a variable effect. For a greater acoustic effect, a second **REZX™** can be added.

In the case of cellos and basses, do not let the magnet segments drop freely into the body as they will attach to the end pin and may be difficult to remove, or will require the services of a luthier who will have available a special "Rescue Ring" for this purpose.

If finding the right tonal solution is elusive, visit a reputable local luthier who has the knowledge and experience to assess the particular situation. They will have access to a larger variety of **REZX™** products to custom fit a **REZX™** for the instrument.

## **WARNING**

**THE HIGH MAGNETIC POWER OF THE REZX™ RESONANCE MODULATOR CAN BE DANGEROUS TO YOUR PERSON AND EQUIPMENT. TO AVOID POSSIBLE MAGNETIC LOSS OF DATA & EQUIPMENT DAMAGE, KEEP AWAY FROM ALL ELECTRONIC EQUIPMENT SUCH AS HEART PACERS, COMPUTERS, AND MAGNETIC STORAGE DEVICES SUCH AS CREDIT CARDS AND ZIP DRIVES. HANDLE SEGMENTS WITH A FIRM AND DELIBERATE GRIP AND DO NOT LET THE COMPONENTS FLY TOGETHER FREELY AS THE POWERFUL MAGNETIC FORCES CAN GENERATE A SPEED AND FORCE THAT CAN CAUSE PERSONAL PHYSICAL INJURY OR MATERIAL DAMAGE.**

**TO MINIMIZE ANY RISK OF DAMAGE FOR SOME INSTRUMENTS WITH SOFT VARNISH, REMOVE THE REZX™ FROM THE INSTRUMENT AT THE END OF EACH DAY OF USE.**

## **WARRANTY & LIMITATIONS**

**REZX™** products due to their simplicity and low cost are sold as is with no express or implied warranties or guarantees. The user is solely responsible to ensure **REZX™** products are handled safely, used for the purpose intended as described above, and kept away from children and pets. Modification of the product may pose a health and safety risk. The user accepts full responsibility to evaluate and accept all risks and consequences associated with the use of **REZX™** products.

## **PRODUCT & PRICING**

Model Vn for violin	MSRP taxes and shipping extra	\$49.68 ea.
Model Va for viola	MSRP taxes and shipping extra	\$54.82 ea.
Model C for cello	MSRP taxes and shipping extra	\$72.56 ea.
Model B for bass	MSRP taxes and shipping extra	\$104.75ea.
Model L Kit for Luthiers	MSRP taxes and shipping extra	\$318.19 ea.

- Rezx finished in standard violin varnish color \$10 extra
- Prices subject to change without notice
- Wholesale pricing available... Contact **REZX INC.**

