

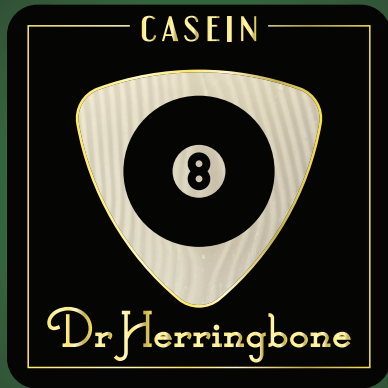
# tone traveler



By Dr Herringbone

# Dr Herringbone

## PRESENTS THE 8-BALL



THE ONLY ANTI-WARP CASEIN PLECTRUM FEATURING OUR PATENTED  
CARBON REINFORCED POLYMER INLAY THAT GIVES THE PLECTRUM  
HEAVY PICK TONE WITH THE PLAYABILITY OF A THINNER PICK.

# GUARANTEED FOR LIFE

# THIS IS THE BEGINNING OF YOUR JOURNEY BACK IN TONE

The Tone Traveler is comprised of 3 main components':

- The Tone Traveler speaker clamp
- A control tablet
- A broad spectrum audio speaker

'In addition the Tone Traveler includes the charger, cables, and manufacturer information

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#### Release of Liability

I hereby agree that DrHerringbone LLC is not responsible or liable for any accidents or damage that may occur from these products or by their use on any other device or instrument.

#### Release and Hold Harmless Agreement

As part of the consideration for my participating in the use of the "Tone Traveler" system (the "Activity"), I hereby release, and hold harmless, and forever discharge DrHerringbone LLC, its owners, partners, employees and agents from any and all liability, claims, demands, actions, and causes of action whatsoever arising out of or related to any loss, property damage, instrument damage, or personal injury, including death that may be sustained by me or to any property belonging to me while I am participating in this Activity.

#### Manufacturing warranty information

Information concerning original manufacturer warranty and liability for included tablet, charger, and charging cables are as follows. The Media Tech Tablet provided is manufactured by CWHT Technology Co., Ltd and all liability and manufacturer warranty responsibilities are solely borne by CWHT Technology Co., Ltd. Contact CWHT at Michael@szcwht.com

Information concerning original manufacturer warranty and liability for the included speaker, charger, and charging cables are as follows. The provided speaker is manufactured by KingBoll Electronic Technology Co., Ltd and all liability and manufacturer warranty responsibilities are solely borne by KingBoll Electronic Technology Co., Ltd. Contact KingBoll at charglic@hbdz.com

Lipo rechargeable batteries are utilized in these products, users should adhere to all manufacturer recommended safety protocols concerning, charging, storage and long and short term usage. Although DrHerringbone LLC accepts no direct manufacturer liability or warranty responsibility for these products, as a reseller of these items, DrHerringbone LLC agrees to offer a separate extended parts replacement policy to the original purchaser for the period of one year from date of purchase (barring user neglect and/or gross misuse).

We at DrHerringbone would like to remind our clients and customers that wooden instruments are susceptible to structural and cosmetic issues caused by external/internal factors including but not limited to: changes in humidity, temperature, natural faults in materials, workmanship, operator use, and/or operator misuse. The DrHerringbone Tone Traveler system is designed to produce the sounds and frequencies that physically vibrate an instrument replicating the physical vibrations and sonic effects of long term play. If the user feels that these sonic vibrations or the physical weight of the device (8.4 ounces) could have a negative impact sonically, cosmetically, or structurally, they should not use the Tone Traveler and should return it to DrHerringbone for a full refund.

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## GETTING STARTED

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When charging your speaker, the power button will illuminate RED. **The RED light will turn off when charging is complete.** If you turn the speaker on while charging, it will flash RED and PURPLE.

Turn your speaker on before turning on your tablet: press the small white rubber button on the speaker, it will illuminate with a fast flashing BLUE light and the speaker will chime once.



If the small white rubber button is a **SOLID BLUE**, check the trouble shooting section of the manual (pg 21-22) or restart the tablet.

After turning on your speaker, press and hold the tablet power button (the silver button on the right edge of the tablet) until you see the screen illuminate with the Tone Traveler watch logo (this may take up to 30 seconds depending on the last state your tablet was in). **DO NOT press any other buttons during the boot up period as this can cause the pad to go into factory or safeboot mode and can irreparably damage the system.** The tablet will begin to boot up and you will see several loading pages until landing on a "Terms and Conditions" page that displays while the software goes through its final initialization. You should hear the speaker chime once more during this time and the blue LED on the speaker will start to flash slower, indicating that the speaker has paired with the tablet. After reading the liability agreement, press the "Accept" button if you agree to the terms of use. Doing so will activate the application.

(If your tablet goes to sleep, simply tap the silver power button to re-awaken it.)



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## TONE TRAVELER - GENERAL INFO

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### CHARGING BLOCK

The Media Tech charging block included with your Tone Traveler is a **Fast Charger** designed to charge the included tablet and speaker. Other chargers such as iPhone chargers may take significantly longer to charge your tablet (Or they may not charge the tablet at all) and are better suited for charging your speaker. Both the tablet and the speaker charge via a USB-C connection.

### SETTINGS

There are no easily accessible user settings in the Tone Traveler firmware and you should NEVER attempt to change any user settings. Changing user settings can severely damage your system's ability to function. If you have gotten into user settings or changed any user settings, PLEASE call us before trying to fix the situation yourself (919) 727-1938.

Tampering with settings on your tablet is grounds to void your warranty. As previously stated, please call us.

### INCLUDED SPEAKER

Please do not connect your speaker with any other devices as this can greatly complicate the boot up procedure. Two speakers cannot pair to one tablet.

### USING MULTIPLE SYSTEMS

Two or more systems can be used at the same time. See pg. 23 for more info on using multiple systems at once.

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## TONE TRAVELER - NAVIGATION BUTTONS

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There are five red buttons at the top of the screen that guide the user between pages (example: bowed, mandolin, guitar, banjo, and note buttons as shown below). When the user touches one of the buttons it will illuminate red and take them to the corresponding page. Once the button and page are activated, the user can access the functions of the displayed page. To deactivate the sound being generated by a page, the user can press the illuminated button again. The red button will flash, the word MUTE will become visible, and the sound will stop. If the user presses one of the other buttons, the page will change to the corresponding page and the functions of that page will be accessible (the prior page sounds will automatically mute).





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## TONE TRAVELER - USING YOUR SYSTEM

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First, it is very important to tune your instrument to standard tuning before beginning your tone travel. The tones that are used on the instrument pages are the true tones/notes and overtones of an instrument tuned in standard 440 Hz. The notes of the instrument should be in tune with the true tones of the device to gain the full impact of the maturation process. The note page also generates notes tuned to 440 Hz but does not include overtones for each note activated.

Power up the speaker (see page 3), then power up the tablet (see page 4). Once both are powered on and the tone traveler speaker clamp is safely locked to your instrument (see the pages that pertain to your specific instrument), you are ready to begin using the Tone Traveler system and begin your instrument's journey back in tone.

We recommend using the Tone Traveler for at least 8 hours per session. Different instruments will react differently to being conditioned. For most instruments it will take several 8+ hour sessions to hear substantive changes. Some instruments will only take one session to notice a change and for some, it will take more depending on the instrument's quality, potential, and construction. Continued Tone Traveler sessions are always a good idea as they constantly improve/maintain the sound of your instrument.

**Note:** After installing the Tone Traveler speaker correctly, it can not be removed by any means other than the reversal of the installation process. If removal is possible or the unit is rattling, it is NOT installed correctly and the installation steps should be revisited.

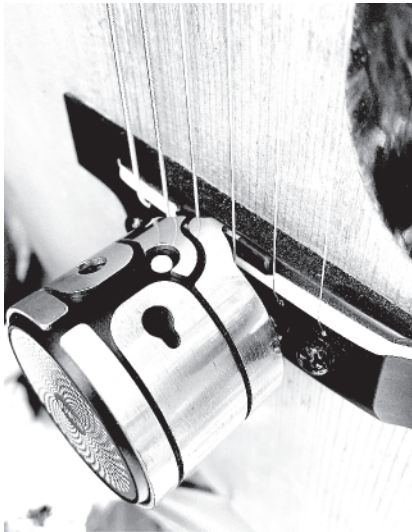
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## TONE TRAVELER - GUITAR

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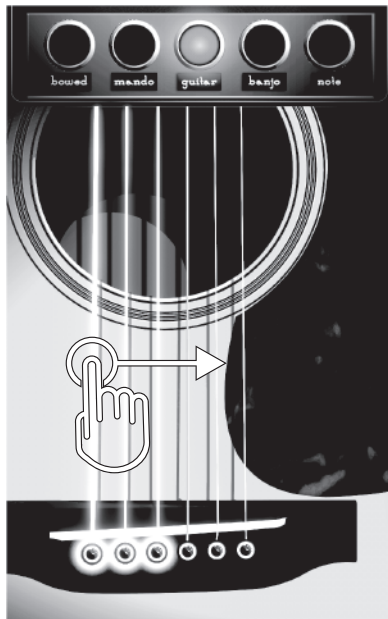
Secure the Tone Traveler speaker and speaker clamp to your guitar via the patented Tone Traveler locking system as shown below.

- A.** Position your guitar in a stand or wall hanger so that the headstock is towards the sky and the end pin is towards the ground.
- B.** Insert the metal locking "T" tab between two strings by positioning it vertically to the horizontal bridge.
- C.** Rotate the Tone Traveler locking "T" tab 90° so that it becomes entrapped behind the strings.
- D.** Guide the Tone Traveler downward along the strings to rest on the bridge and/or saddle of the guitar.



## TONE TRAVELER - GUITAR PAGE

This page allows the user to activate the notes and overtones of each string of a guitar in standard tuning EADGBE . To activate the desired strings or string tones the user can touch a bridge pin, individual string, or swipe across multiple strings. The activated string or strings will illuminate and the selected string tones and overtones will play through the speaker.



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## TONE TRAVELER - VIOLIN

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Secure the Tone Traveler speaker and speaker clamp to your violin via the patented Tone Traveler locking system as shown below.

- A.** Position your violin in a stand or wall hanger so that the headstock is towards the sky and the end pin is towards the ground.
- B.** Insert the metal locking "T" tab between two strings by positioning it above either the bridge or the tailpiece.
- C.** Rotate the Tone Traveler locking "T" tab 90° so that it becomes entrapped behind the strings.
- D.** Guide the Tone Traveler downward along the strings to rest on the bridge or tailpiece of the violin.



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## TONE TRAVELER - VIOLA

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Secure the Tone Traveler speaker and speaker clamp to your viola via the patented Tone Traveler locking system as shown below.

- A.** Position your viola in a stand or wall hanger so that the headstock is towards the sky and the end pin is towards the ground.
- B.** Insert the metal locking "T" tab between two strings by positioning it above either the bridge or the tailpiece.
- C.** Rotate the Tone Traveler locking "T" tab 90° so that it becomes entrapped behind the strings.
- D.** Guide the Tone Traveler downward along the strings to rest on the bridge or tailpiece of the viola.



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## TONE TRAVELER - CELLO

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Secure the Tone Traveler speaker and speaker clamp to your cello via the patented Tone Traveler locking system as shown below.

- A.** Position your cello in a stand or wall hanger so that the headstock is towards the sky and the end pin is towards the ground.
- B.** Insert the metal locking "T" tab between two strings by positioning it vertically to the horizontal bridge.
- C.** Rotate the Tone Traveler locking "T" tab 90° so that it becomes entrapped behind the strings.
- D.** Guide the Tone Traveler downward along the strings to rest on the bridge of the cello.



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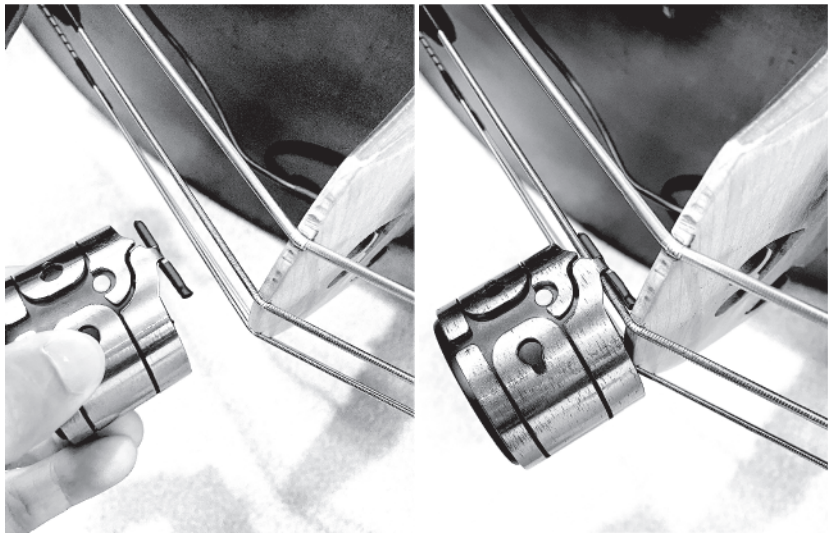
## TONE TRAVELER - BASS

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Secure the Tone Traveler speaker and speaker clamp to your bass via the patented Tone Traveler locking system as shown below.

**A.** Lay your bass on it's side on the floor so that the strings are more or less parallel with the floor.

**B.** Hook the metal locking "T" tab over the third string from the floor behind the bridge of your bass. Make sure that the speaker is in contact with the bridge as shown below.





## TONE TRAVELER - BOWED PAGE

By pressing and illuminating the red button labeled "bowed" at the top of the tablet, the application will take the user to the bowed page. A headstock, strings, and tuners can be seen on the bowed page. When the user touches an individual tuner, the corresponding frequencies and overtones will be activated and play through the speaker. Tapping on the instrument buttons in the bottom right changes the tuning of the page to match the corresponding instrument.





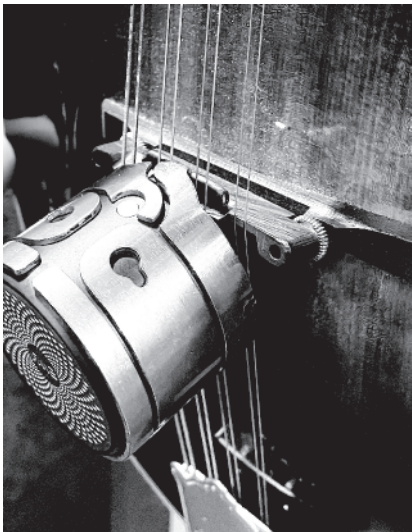
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## TONE TRAVELER - MANDOLIN

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Secure the Tone Traveler speaker and speaker clamp to your mandolin via the patented Tone Traveler locking system as shown below.

- A.** Position your mandolin in a stand or wall hanger so that the headstock is towards the sky and the end pin is towards the ground.
- B.** Insert the metal locking "T" tab between two strings by positioning it vertically to the horizontal bridge.
- C.** Rotate the Tone Traveler locking "T" tab 90° so that it becomes entrapped behind the strings.
- D.** Guide the Tone Traveler downward along the strings to rest on the bridge of the mandolin.



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## TONE TRAVELER - MANDO PAGE

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By pressing and illuminating the red button at the top of the tablet labeled "mando," the application will take the user to the mandolin page. A headstock, strings, and tuners can be seen on the mandolin page. When the user touches a tuner/tuners the corresponding frequencies and overtones will be activated and play through the speaker.



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## TONE TRAVELER - BANJO

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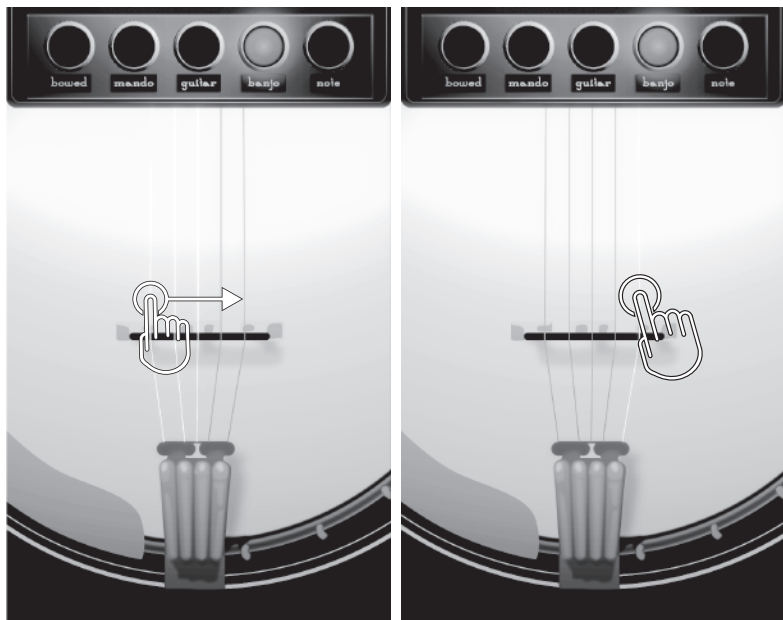
Secure the Tone Traveler speaker and speaker clamp to your banjo via the patented Tone Traveler locking system as shown below.

- A.** Position your banjo in a stand or wall hanger so that the headstock is towards the sky and the tailpiece is towards the ground.
- B.** Insert the metal locking "T" tab between two strings by positioning it vertically to the horizontal bridge.
- C.** Rotate the Tone Traveler locking "T" tab 90° so that it becomes entrapped behind the strings.
- D.** Guide the Tone Traveler downward along the strings to rest on the bridge of your banjo.



## TONE TRAVELER - BANJO PAGE

This page allows the user to activate the notes of each string of a banjo in G tuning. To activate the desired strings or string tones the user can touch an individual string, or swipe across multiple strings, the activated string or strings will illuminate and the selected string tones and overtones will play through the speaker.



## TONE TRAVELER - NOTE PAGE

This page allows the user to activate up to 16 notes across 7 octaves. To activate a note, the user can touch the button that corresponds with the desired note. The button will illuminate and the selected note will play through the speaker. This page generates a single sine wave for every button pressed as opposed to the other four pages which generate a fundamental tone as well as several overtones for each activated note.

Middle C is represented as C4 on the Note Page. See below for some common tunings of instruments to get a reference point.

**Bass:** E1 A1 D2 G2

**Guitar:** E2 A2 D3 G3 B3 E4

**Mandolin:** G3 D4 A4 E5

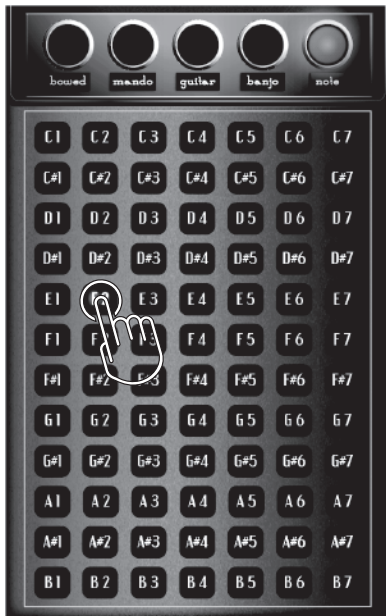
**Violin:** G3 D4 A4 E5

**5 String Banjo:** G4 D3 G3 B3 D4

There are also some great resources/additional tunings that can be found at the following sites:

[www.stringsbymail.com/TuningChart.pdf](http://www.stringsbymail.com/TuningChart.pdf)

[www.fatpick.com/blog/note-table](http://www.fatpick.com/blog/note-table)



We encourage our users to take advantage of the note page to condition their instruments with chords, different tunings, different capo positions and more. Pick a different chord or tuning every day. The options are nearly endless.

For example an Open G chord on a guitar would be: G2 B2 D3 G3 D4 G4

As we continue to develop new pages and instruments for the Tone Traveler system, know that the user interface will be thematically consistent. If there are strings present on a page, simply touch or swipe across the strings to activate them. If there are tuning pegs, simply tap them to activate the corresponding string tones. Controls like buttons and knobs will always function similarly to their physical counterparts.

**Check out our YouTube channel for tutorial videos by searching “DrHerringbone” on YouTube.**

As we have made clear in our earlier disclaimer, the care and safety of your instrument is our first priority. We encourage the user to be very careful and advise them to find a volume that they feel is safe for their instruments' age and structural integrity.

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## TONE TRAVELER - TROUBLE SHOOTING PT. A

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The occasional crash at start up or while in use is possible. Although this should rarely occur, the program is designed to restart automatically. If you are having trouble with your unit, below is a list of possible issues and their solutions.

*If your speaker fails to connect to the tablet:*

- Is the speaker's power button glowing a solid blue?

This means that you or someone nearby has connected to your speaker via Bluetooth: Turn the Bluetooth off on your phone (or any other nearby Bluetooth enabled devices) and restart your Tone Traveler System (see pages 3-4) .

- Is the speaker's power button not illuminated at all?

The speaker is either off or it has run out of battery. If the speaker will not turn on after pressing the power button, charge the speaker.

- Is the speaker's power button glowing a solid red?

The speaker is charging, but it is not powered on. If your speaker is glowing solid red, hold the power button down until it begins to flash.

*If your tablet fails to turn on:*

- Make sure to hold the power button down for long enough (**20+ seconds**) to turn the tablet on (see page 4).

- Make sure your tablet has been charged for **at least** one hour **with the included charger**.

- If all else fails try a different wall outlet, charging cable, or try another charging block (some 3rd party charging blocks will work, others will not).

*If your tablet opens to a blue page with Chinese characters/English menu items, a black screen, or a home page with regular apps:*

- You have failed to follow the proper startup procedures and are at risk or have already irreparably damaged your system. Call us at 919 727 1938 and we will guide you through attempting to fix your system.

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## TONE TRAVELER - TROUBLE SHOOTING PT. B

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*If the speaker is rattling against the bridge or pins of your instrument:*

- Make sure that the rubber foot of the speaker is in good contact with the instrument; if it is not, the speaker can be carefully adjusted in its stainless steel holder so that the rubber foot protrudes more or less for better contact.

*If the speaker appears paired but is not making any sound (blue light is flashing but no sound):*

- There is a small chance that you received a defective speaker, but before calling in for a replacement, try pressing the reset button on the speaker. The reset button is on the bottom of the speaker and requires pressing the diaphragm of the speaker until you feel a button press. Do NOT hold this button for longer than one second.

*If the Speaker's volume is too loud or too quiet:*

- Use the volume toggle on the tablet (see page 4) to adjust the volume of the speaker up or down. The volume toggle is located above the silver power button on the right edge of the tablet.

*If any of the strings of your instrument are vibrating against the frets or fingerboard of your instrument:*

- The action and or nut of your instrument is too low. You can choose to dampen the strings, raise the nut/action of the instrument, or simply turn the volume of the Tone Traveler down until the strings stop buzzing (in many cases activating the other strings of the instrument will also reduce buzzing due to phase cancellation).

Check out our YouTube channel for tutorial videos by searching: "DrHerringbone" on YouTube.



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## TONE TRAVELER - USING MULTIPLE SYSTEMS AT ONCE

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It is possible to use multiple Tone Traveler systems at the same time. However, the setup process for additional Tone Travelers is slightly different:

1. Power on **speaker 1**, power on **tablet 1** (this tablet and speaker will pair as usual.
2. Power on **speaker 2**, power on **tablet 2**, if **tablet 2** asks you to pair with your speaker, accept the dialogue box. If this dialogue box appears, it will appear multiple times during startup and finally it will appear and stay on your tablet's screen. You may pair on any of these prompts. Do NOT hit cancel.

Keep on Pickin

Never Lose Your Pick Again



Use Code **KEEP** At checkout For \$5 Off

CALL, TEXT, OR EMAIL FOR ASSISTANCE:

[SERVICE@DRHERRINGBONE.COM](mailto:SERVICE@DRHERRINGBONE.COM)

919-727-1938

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