RiffBox MIDI Floorboard Effects Demo for Guitar

This document contains step-by-step instructions for using RiffBox with a floorboard effects unit that contains a MIDI output such as a PODxt Live. The floorboard must output MIDI PC messages when presets are changed using its footswitches.

1) Connections
Connect the supplied AC adapter. Connect the stereo output from the effects unit to the stereo 'Audio In' of RiffBox using a Y cable. Connect the stereo 'Audio Out' of RiffBox to the input of a stereo mixing board. Connect the MIDI output of the effects unit to the MIDI input of RiffBox. Turn on the effects unit. Make sure it is set to MIDI channel 1.

2) Turn on power
Turn on the power switch. The two LEDs will turn yellow while the display will remain blank. In less than 10 seconds, an audio test tone will sound and the display will cycle from 0 to 99. At this point, RiffBox is ready to use.

3) Set the MIDI channel
Move the left slider switch to 'MIDI channel'. Select MIDI channel 1 using the left control knob.

4) Set record mode
Move the right slider switch to 'Record Mode'. Turn the right control knob until only the 'Stereo' display segment is on.

5) Adjust input level
Move the left slider switch to 'Input Level'. Play some chords on the guitar. Adjust the left control knob until the input level is high as possible without the center decimal point LED on the display blinking. High gain or noisy tones can cause false triggering. See the users manual for dealing with high gain tones.

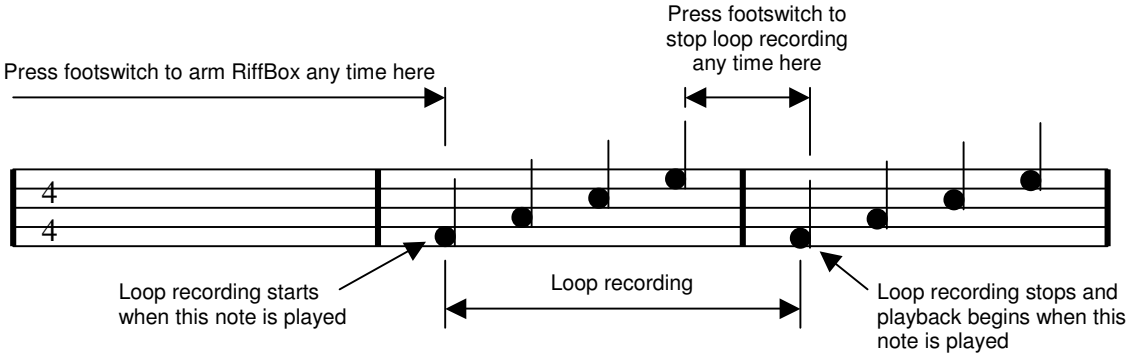
6) Determine threshold
Move the left slider switch to 'Operating Mode'. Use the left control knob to set the operating mode to 0. Move the left slider switch to 'Threshold'. Set the threshold using the left control knob to a higher value if you plan to play chords or to a lower value if you plan to play single notes. *A)* Press one of the floorboard preset footswitches for a second time and start playing how you would play to record a loop. The display should increase in value by reacting to your playing (it does not need to react perfectly to every note or chord that you play in order to create perfect loop timing, but it should react consistently to the first note of your loop). Press the same floorboard footswitch again, adjust the left control knob to a different threshold and repeat from point '*A)*' above until a good threshold value is achieved.

Note: Remember that the control values cannot be adjusted when the unit is actively recording. Make sure one of the LEDs is red before adjusting any control value.

7) Set operating mode
Move the left slider switch to 'Operating Mode'. Use the left control knob to set the operating mode to 9, which simply records and repeats a loop. (You can try other operating modes later after you have completed these instructions).

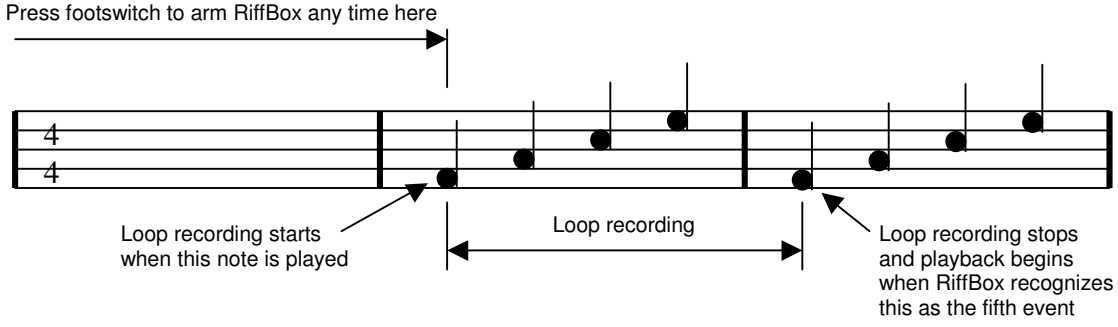
8) Set the event count for a manual loop
Move the right slider switch to 'Events / Notes'. Use the right control knob to set the event count to 0. This means that RiffBox will wait for your footswitch press to help identify a loop.

9) Record an playback a manual loop
You are now ready to record and playback a manual loop. Press one of the floorboard preset footswitches for a second time. The left LED will flash yellow until you play the first note at which time it will turn solid yellow to identify that it is recording. At any time between the last note of your loop and the note where you want to start repeating the loop, press any floorboard preset footswitch (for example if you want to change to a high gain solo). This alerts RiffBox that the next note or chord you play will be the time to stop loop recording and to start loop playback. Make sure to play through to the first note of the loop again. See the figure below which is a loop based on four quarter notes. To stop the loop, press a preset footswitch twice.



10) Set the event count for an automatic loop
Move the right slider switch to 'Events / Notes'. Use the right control knob to set the event count to 4. This means that RiffBox will start playback after 4 events have been recognized.

11) Record and playback an automatic loop
You are now ready to record and playback an automatic loop. Press one of the floorboard preset footswitches for a second time. The left LED will flash yellow until you play a first note at which time it will turn solid yellow to identify that it is recording. After you play 5 notes or chords that RiffBox recognizes as events, recording will stop and playback will begin. See the figure below which is a loop based on four quarter notes. To change to a different tone, press a floorboard preset footswitch once. To stop the loop, press the footswitch again.



Automatic loop recording requires consistent playing and is best used for short loops. To see how this can be used for delay effects, repeat the two steps above, but set the event count to 1, the threshold to 5 and the operating mode to 5 or 45. This sets the delay value to the time between the first two notes that you play. At this point, you can also try all of the other operating modes available in RiffBox.