

World's Largest Guitar Effects Pedalboard Signal Flow Diagram and Routing

The text and images below are part of the documentation that was submitted to Guinness to demonstrate the single-circuit signal path. These photos show the exact routing and pedal sequence used in setting the Guinness World Record for the Largest Guitar Effects Pedalboard.

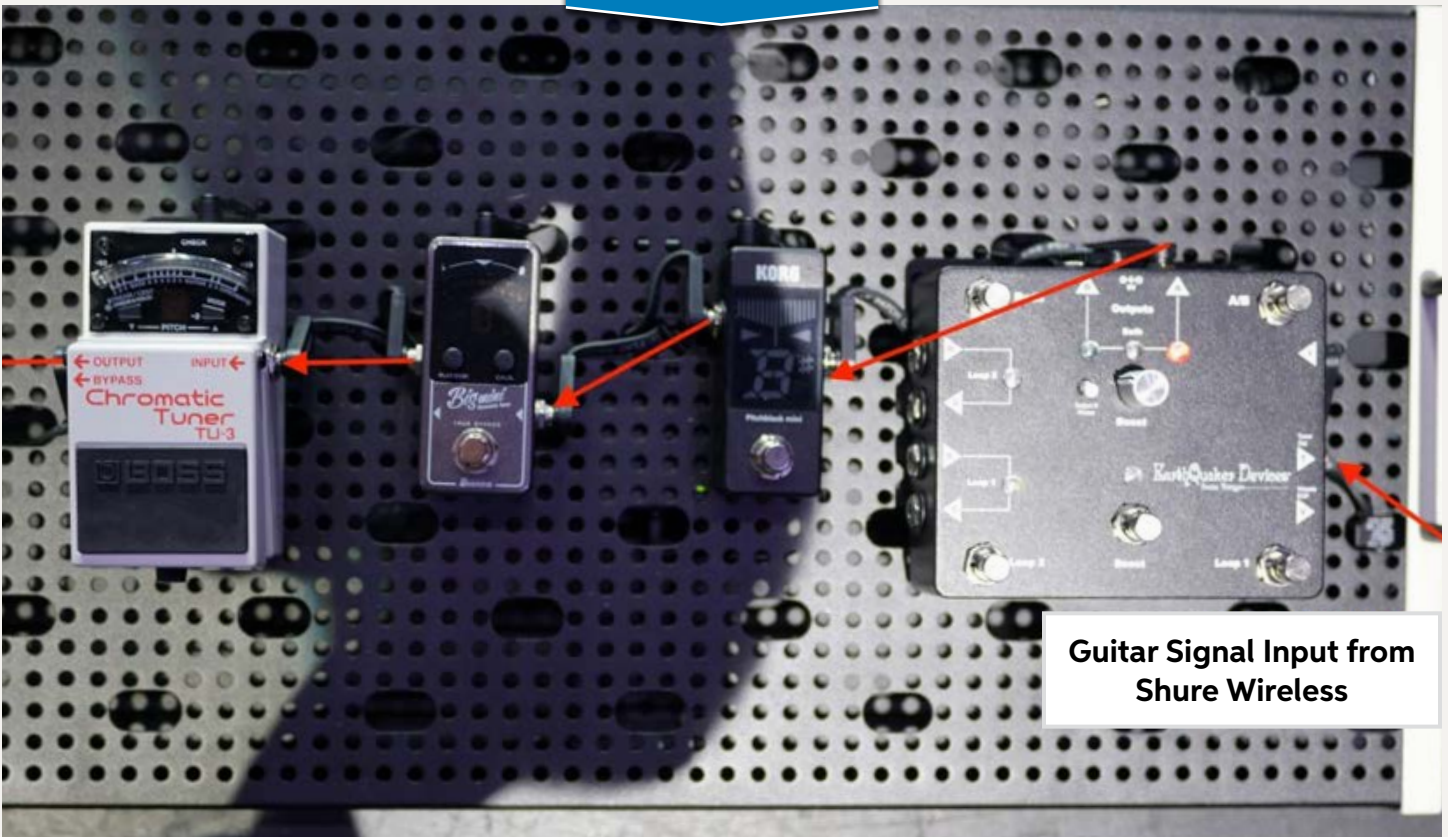
July 9, 2019

Attached is a signal flow schematic indicating how the signal was routed through the pedalboards. All pedalboards have two patchbays installed underneath, one on each end of the board (left and right), allowing for easy connectivity between boards. The entire system was run in series starting at pedalboard #1 continuing through #34.

The initial input for the pedalboard (#1 far right) was coming from a Shure wireless system, which was connected to the output of the guitar. At the end of pedalboard #34, the signal was routed to a Radial Shotgun 4-channel signal distributor that split the signal from pedalboard #34 into four outputs. Three of those outputs went to three of the effect loop return jacks on the Marshall DSL100HR heads. The fourth output continued on to a second Radial Shotgun, which then split out to the remaining four Marshall heads' effect return jacks. Marshall heads were directly connected to the speaker cabinets beneath them, finishing the signal from guitar to speaker.

Signal flow for each pedalboard is shown below indicated by the red arrows. Signal enters each pedalboard from the right and exits on the left continuing to the next board.

Board #1



Board #2



Board #3



Board #4



Board #5



Board #6



Board #7



Board #8



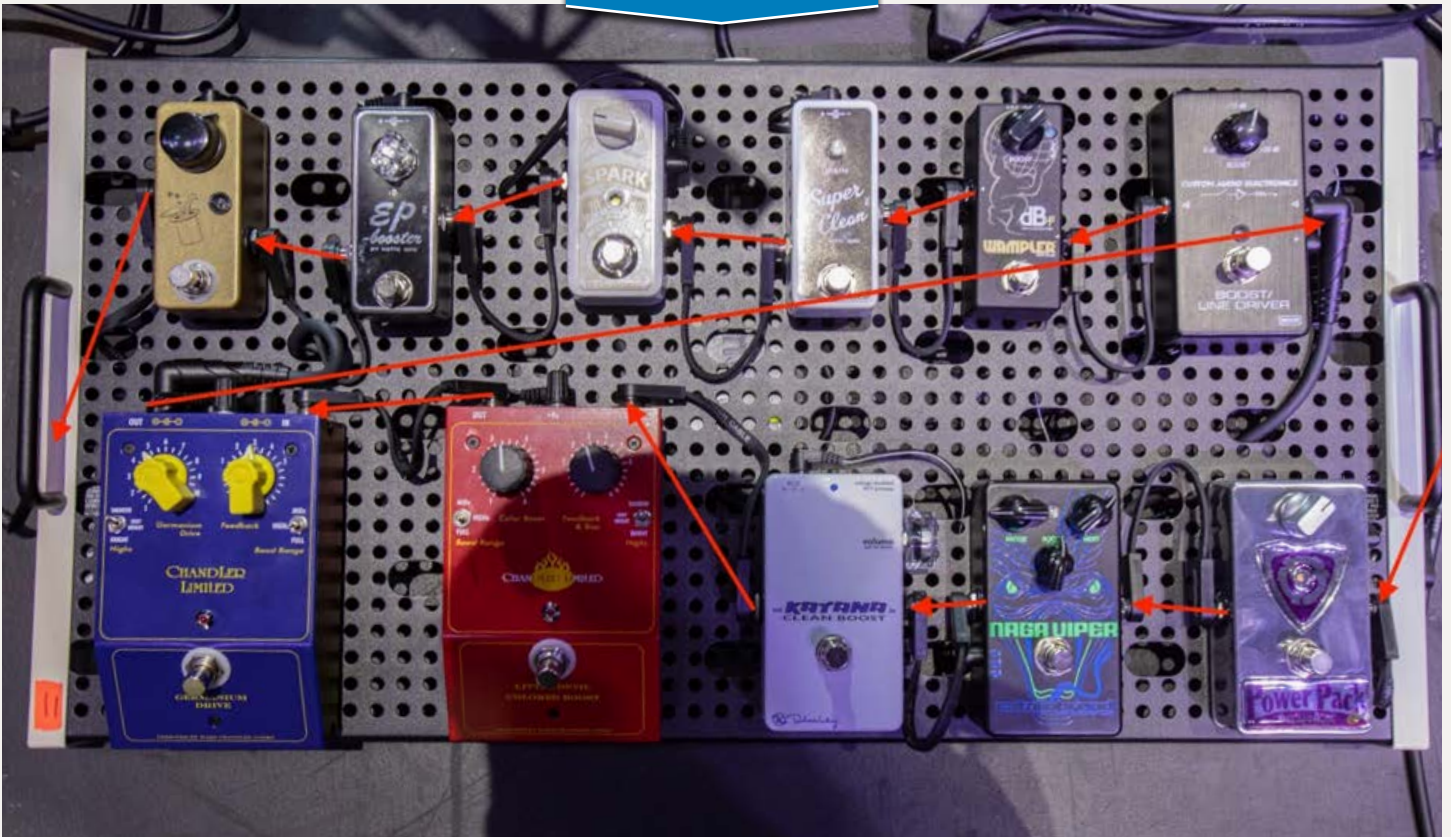
Board #9



Board #10



Board #11



Board #12



Board #13



Board #14



Board #15



Board #16



Board #17



Board #18



Board #19



Board #20



Board #21



Board #22



Board #23



Board #24



Board #25



Board #26



Board #27



Board #28



Board #29



Board #30



Board #31



Board #32



Board #33



Board #34

