

Wireless Synchronization

The wireless synchronization option is available for the pedar-x and pliance-x systems. Synchronization is made quick and easy between pedar and pliance data and other measurement systems' such as EMG, motion capture, video cameras, accelerometers, etc. The synchronization system can also be used to trigger a light that indicates when the novel systems began data collection or as a foot switch with pedar for signifying when the left and right foot is loaded above a selected threshold.



Wireless synchronization hardware and software is easy and takes only seconds to setup. One novel wireless unit is connected to the novel pedar or pliance analyzer unit via a simple plug in connection. The other unit connects to the system to which you wish to send or receive synchronization signals. The straightforward software interface allows for quick synchronization setup options: whether a signal is inputted or outputted from the novel system, the polarity (negative or positive 5 Volts), and how many signals and the length of the signal(s) sent during the measurement.

After data collection, the synchronized data can be opened and interpreted with novel analysis and display software (novel player), or other software such as Microsoft Excel, MatLab, or LabView.