

MANUAL TUNING GUIDE:

DJI RONIN

DJI's "Auto Tune Stability" option in the Ronin's app is **not reliable**. It is the cause of 90% of the Ronin complaints we receive. When setting up the Ronin, manual tuning is not only **absolutely necessary** but it is **the only option we recommend**. Here is a step-by-step guide to manual tuning:

- 1) Mount and balance the camera on the Ronin using its tuning stand.
- 2) Go into the app and select "Default" to reset all settings.
- 3) Uncheck "Briefcase Mode", and check "Enable Silent Mode"
- 4) Set "Deadband" to zero on all three axes.
- 5) Adjust "Stiffness" values one axis at a time, ascending in increments of 10 until the motor starts to vibrate, then back off to the previous value.
- 6) After all three axes have their "Stiffness" values dialed in, take the Ronin off the tuning stand and run about with it vigorously attempting to stress the motors. If during this test, any of them begin to vibrate, determine which it is, go into the app and dial it back in increments of 5 until the motor no longer vibrates in any situation.
- 7) You now have a good starting point for using the Ronin, leave the "Stiffness" alone and focus adjustments on "Speed" and "Acceleration" settings.

As always, if you have any questions or concerns, please don't hesitate to contact us by phone at 901.754.9100 or by e-mail at support@lensrentals.com