



## Steinberger Double Ball Tuning System Instructions

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Figure 1

### To Tune:

Turn knobs on body clockwise to tighten, counterclockwise to loosen.

### To Change Strings:

Turn tuning knob counterclockwise until the string ball is fully visible. Remove the ball from the saddle (Figure 1), release the strap on the headpiece (Figure 2), and the string will then slip out easily.

Install by putting ball end into headpiece first (small ball on bass), secure the strap on the headpiece, then drop other ball into tuner jaws, tighten tuning knob until proper pitch is achieved. Stretch string and retune. (Figure 3)



Figure 2

### Action:

Loosen set screw on side of bridge (Figure 4), adjust saddle set screws up and down to desired action height. (Figure 5)

Tighten set screws on side of bridge to lock. (Figure 4)

### Intonation:

Loosen set screw on side of bridge. Adjust saddle backward if intonation is high at 24th fret. Push forward (toward head) if intonation at 24th fret is low.

Tighten set screw on side of bridge to lock.



Figure 3

### TO USE TREMOLO

### To Lock:

Push up small lever near single knob under tuner to lock tremolo in center "fixed" bridge position. (If no strings are on, this will require tilting tremolo into center position first so that locking lever can engage.) (Figure 6)

### To Change Strings:

First lock tremolo as described above and change strings normally.



Figure 4

### To Tune:

Always lock tremolo before tuning individual strings.

After strings are in tune, unlock tremolo. Now adjust master tune™ (large single knob) until tremolo centers exactly the same as the locked position. In this way the unit will remain in tune in locked or unlocked positions.

If a string breaks, first lock tremolo so remaining strings stay in tune. Then loosen master tune™ knob so tremolo will stay in pitch when locked.

### Action and Intonation:

Always adjust action and intonation when tremolo is in locked position. Follow normal procedure (described above).



Figure 5

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Figure 6

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