

## Ragtime Guitar Tuning Instructions

To tune the guitar manually just turn on the **Intellitouch** Tuner included by pressing the **on** button. It should be clamped to the head of the guitar. Pluck the largest or 6th string (E or low E) which is the one on the far left. Turn the bottom left tuning knob and pluck until the **Intellitouch** tuner reads <<<E>>>. If it reads <<<E< it is still a little flat. Continue tuning. Letters before E are flat like D or C. Letters after E are called Sharp. If it is sharp the display could look like this: E>>> or even <<<F>. Each < means a little less flat and each > means a little less sharp. Continue with this procedure with the 5th String (A), the 4th string (D) the 3rd String (G) the 2nd string (B) and finally the 6th string (E or high E).

To replace a string take off the broken string, replace with a **ball end** string of the same size. Turn the tuning knob CC on the left and Clockwise on the right until the string is starting to tighten up. Tune to match the string to the left of it before using the **Intellitouch** tuner. Then proceed to watch the display go E,F, F#, G, G# then A. If it is the Low E string (6th string) you should press on it's 5th fret bar (there's a little white dot on it) until they sound like the next string to the right or A. Then use the **Intellitouch** to fine tune it again.

You must use the **Intellitouch** to tune your 6th string and then tune manually the other five strings. If your guitar is playing with a piano that is slightly out of tune, you must tune the 6th string (low E) to the E4 on the piano and then tune the other strings manually as described in this paragraph. This will put the two in tune with each other. To check your tuning, we have provided you with little white dots on the fretters. There is one dot on each string fretters 6,5,4 3 and 2. You must have tuned the Low E or 6th string to the intellitouch. Simply press down on a white mark, pluck and pluck the string to the immediate right. The tone should be the same. The guitar is in tune.



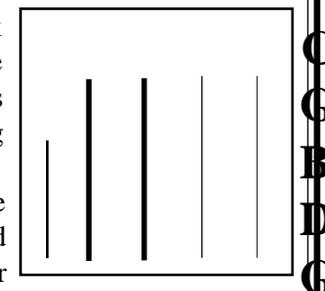
Made by **Ragtime Automated Music**, 4218 Jessup Rd. Ceres, CA 95307  
for technical assistance dial (209) 668-9704

## Ragtime Banjo tuning instructions

To tune the banjo manually just turn on the **Intellitouch** Tuner included by pressing the **on** button. It should be clamped to the head of the guitar. Pluck the drone string or 5th string from the right (**G**) which is the one on the far left. Turn the bottom left tuning knob on the neck (not the head) and pluck until the **Intellitouch** tuner reads <<<G>>>. If it reads <<<G< it is still a little flat. Continue tuning. Letters before C are flat like B or A. Letters after C are called Sharp. If it is sharp the display could look like this: G>>> or even <<<A>. Each < means a little less flat and each > means a little less sharp. Continue with this procedure with the 4th String (**C**), the 3rd string (**G**) the 2nd String (**B**) and finally the 1st string (**D**).

To replace a string take off the broken string, replace with a string of the same size. Turn the tuning knob CC on the left and Clockwise on the right until the string is starting to tighten up. Tune to match the string to the left of it before using the **Intellitouch** tuner. Then proceed to watch the display go E,F, F#, G. If it is the drone string there will not be a string to the left (5th string) so you must press on the 5th fret bar of the first string (D), there's a little white dot on it, until they sound the same. Then use the **Intellitouch** to fine tune it again.

You must use the **Intellitouch** to tune your 4th string and then tune manually the other strings. If your **Banjo** is playing with a piano that is slightly out of tune, you must tune the 4th string (C) to the C4 on the piano and then tune the other strings manually as described in this paragraph. This will put the two in tune with each other. To check your tuning, we have provided you with little white dots on the fretters. There is one dot on each string fretters 7,4,3 and 4. You must have tuned the C or 4th string to the intellitouch. Pressing down on a white mark, pluck the string you are pushing on and the one to the immediate right. The tone should be the same. Continue with the other strings. When you get to the first string, on the right, press on the white dot and match it with the 5th (drone) string. The drone string will not have a white dot.



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## Ragtime Bass Guitar Tuning Instructions

To tune the bass guitar manually just turn on the **Intellitouch** Tuner included by pressing the **on** button. It should be clamped to the head of the guitar. Pluck the largest or 4th string (E or low E) which is the one on the far left. Turn the bottom left tuning knob and pluck until the **Intellitouch** tuner reads <<<E>>>. If it reads <<<E< it is still a little flat. Continue tuning. Letters before E are flat like D or C. Letters after E are called Sharp. If it is sharp the display could look like this: E>>> or even <<<F>. Each < means a little less flat and each > means a little less sharp. Continue with this procedure with the 3rd String (A) the 2nd string (D) and finally the 1st String which is G.



To replace a string take off the broken string, replace with a string of the same size. Turn the tuning knob CC on the left and Clockwise on the right until the string is starting to tighten up. Tune to match the string to the left of it before using the **Intellitouch** tuner. Then proceed to watch the display go E, F, F#, G, G# then A. If it is the Low E string (4th string) you should press on its 5th fret bar (there's a little white dot on it) until they sound like the next string to the right or A. Then use the **Intellitouch** to fine tune it again.

You must use the **Intellitouch** to tune your 4th string and then tune manually the other five strings. If your guitar is playing with a piano that is slightly out of tune, you must tune the 4th string (low E) to the E4 on the piano and then tune the other strings manually as described in this paragraph. This will put the two in tune with each other. To check your tuning, we have provided you with little white dots on the fretters. There is one dot on each string fretters 4, 3 and 2. You must have tuned the Low E or 4th string to the **Intellitouch**. Simply press down on a white mark, pluck and pluck the string to the immediate right. The tone should be the same. The guitar is in tune.

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**Song Suffix:** A - Accordion B - Bass Guitar Only b - Bass for Listening on Channel 2 and bass guitar track as well C - Calliope (flute pipes) D - Drums E - Expression F - Flute G - Guitar H - Short version J - Banjo K - Glockenspiel (Bells) L - Lyrics m - tremolo (of preceding instrument) P - Piano S - Steel Drums U - Ukulele X - Excellent Y - Rosewood Xylophone (Marimba)

**Song Prefix:** TG - Tango T - Tympani Drums BT - Beatles

Depending on the model, this product is covered by one or more of the following patents.

Oct. 28, 1986 Patent # 4,619,177

Mar. 29, 1988 Patent #4,733,592

Oct. 26, 1993 Patent # 5,255,589

Aug. 15, 1995 Patent #5,441,434

Other patents pending and applied for, both U.S. and Foreign.

**Patented!**

**Warning, warning:**  
Any persons or entities attempting to infringe on our patented designs or copywrited software, no matter how insignificant it may seem, will be sought after to the full extent of the law!

The magnetic components contained within this unit are manufactured under our Registered Trademark "Active Magnetics"

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