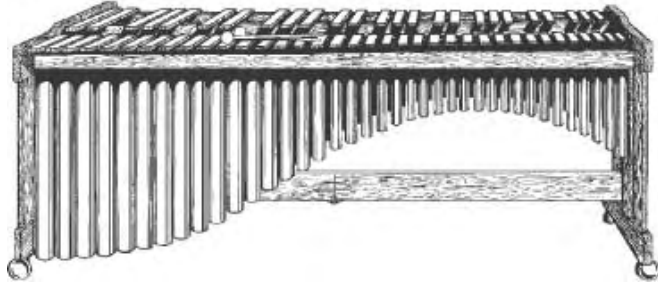


marimba one[®]



OWNER'S MANUAL

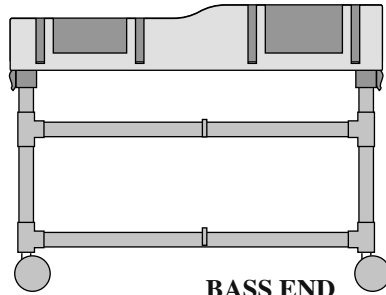
marimba one[®]

FOR ASSEMBLY, YOU WILL NEED:

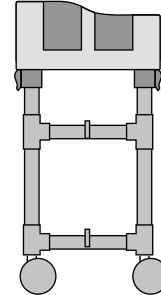
- A large open space with carpet (or a blanket to cover the floor)
- An assistant to help assemble the heavy items

STEP 1

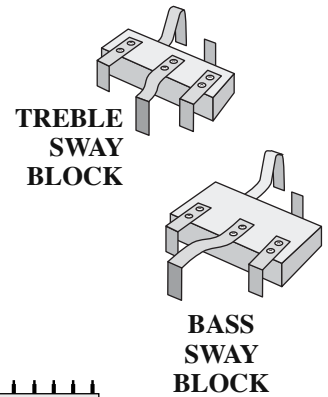
Carefully unpack your crate and compare the components to this page.



BASS END FRAME

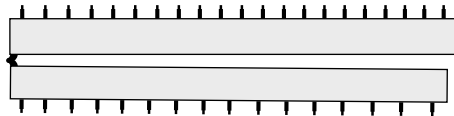


TREBLE END FRAME

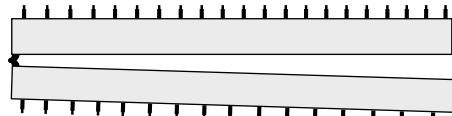


TREBLE SWAY BLOCK

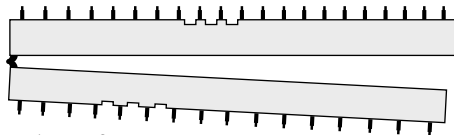
BASS SWAY BLOCK



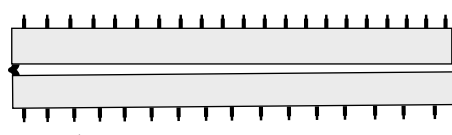
RAIL #1



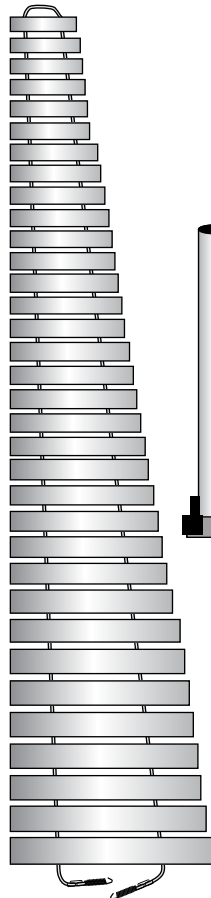
RAIL #3



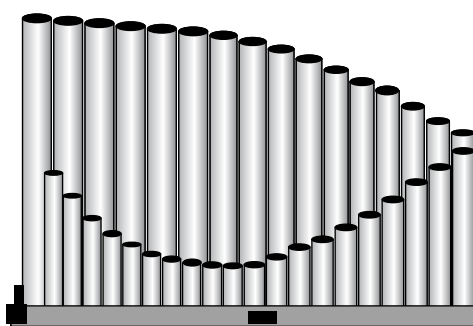
RAIL #2



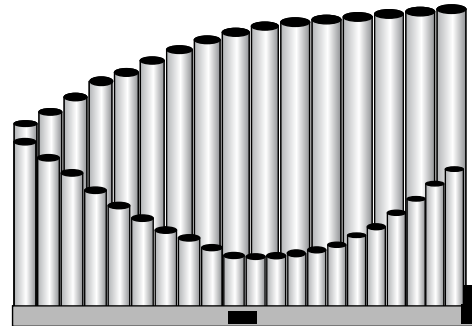
RAIL #4



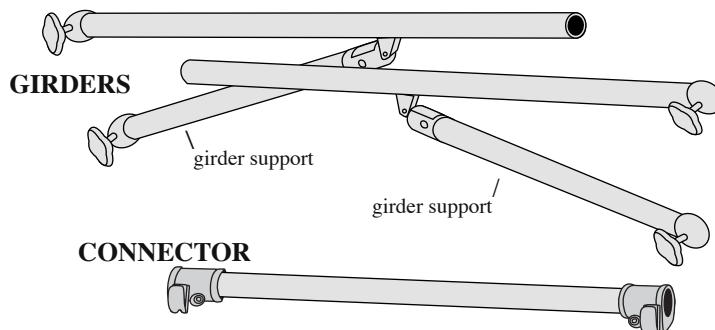
NATURAL BARS



NATURAL RESONATORS



ACCIDENTAL RESONATORS

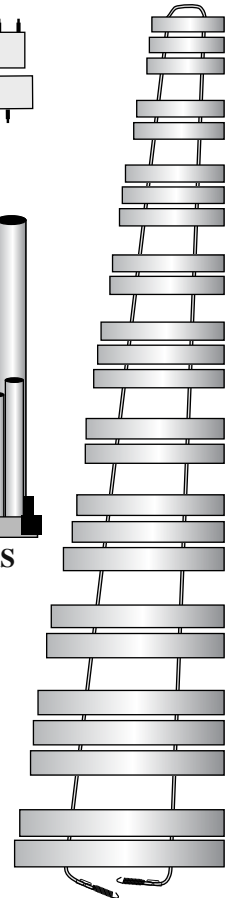


GIRDERS

girder support

girder support

CONNECTOR

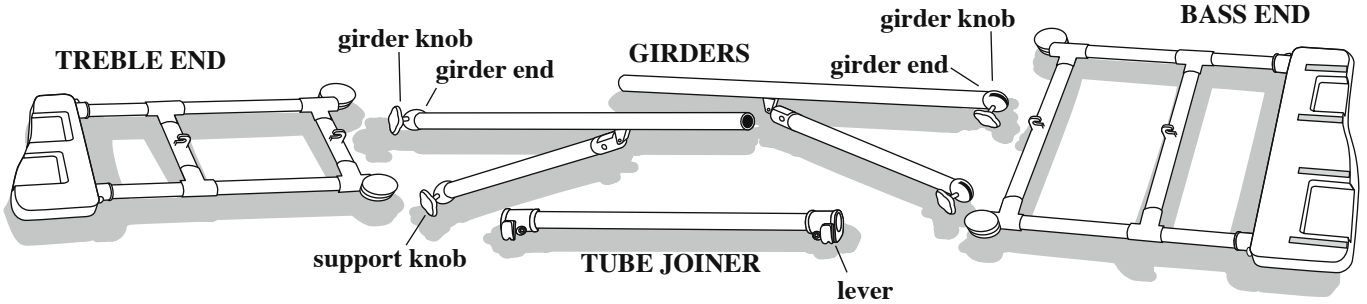


ACCIDENTAL BARS

2

FRAME ASSEMBLY

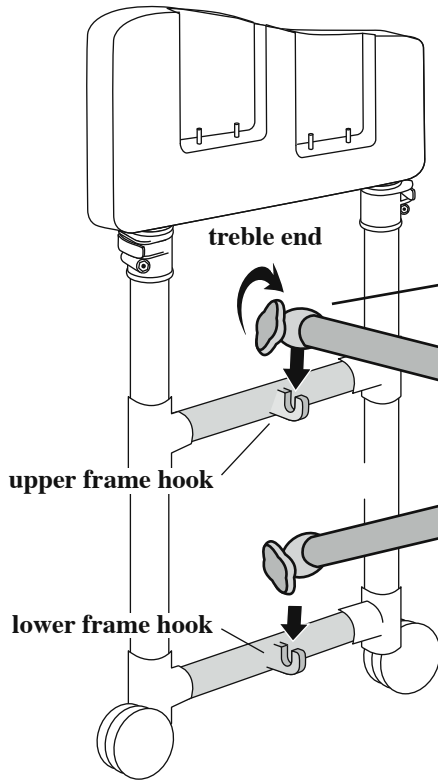
In a large open space with carpeting (or a blanket), arrange the frame components.



3

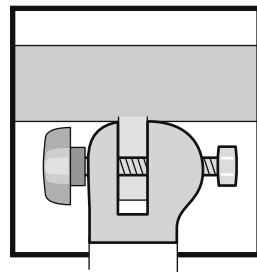
TREBLE END: BUILD THE FRAME

Have your assistant hold the treble end upright while you connect the girder support. *You may need to loosen the knob to make sure the bolt head is visible.*

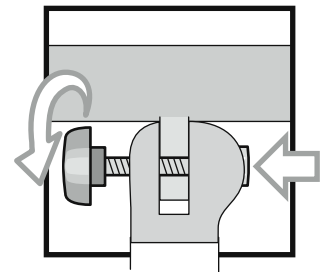


4

Seat the bolt threads into the frame hook.



Press the bolt head until it is flush with the end.



Completely tighten the knob.

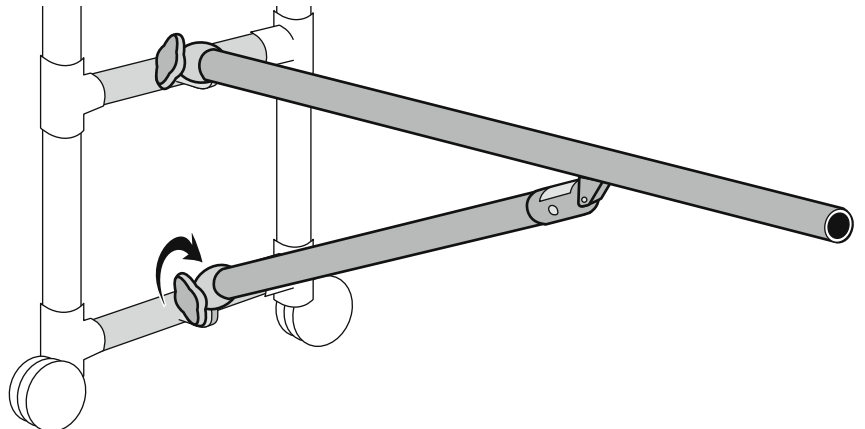
It may take some pressure to fully seat the bolt into the hook.

5

CONNECT THE GIRDER SUPPORT

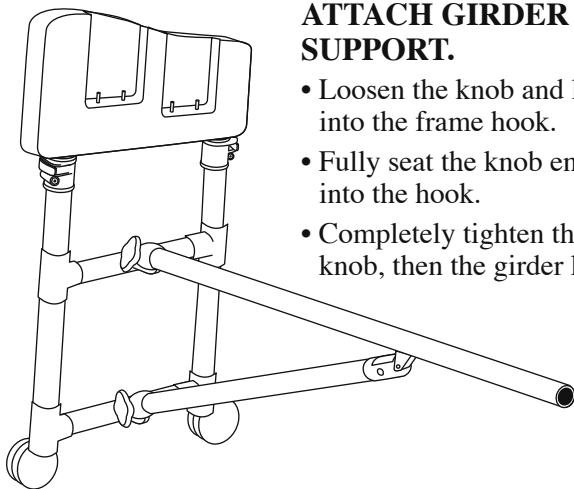
Loosen the support knob and lower it into the frame hook.

- Seat the bolt threads into the upper frame hook and press the bolt head until it is flush with the end.
- It may take some pressure to fully seat the bolt into the hook.
- Completely tighten the knob.

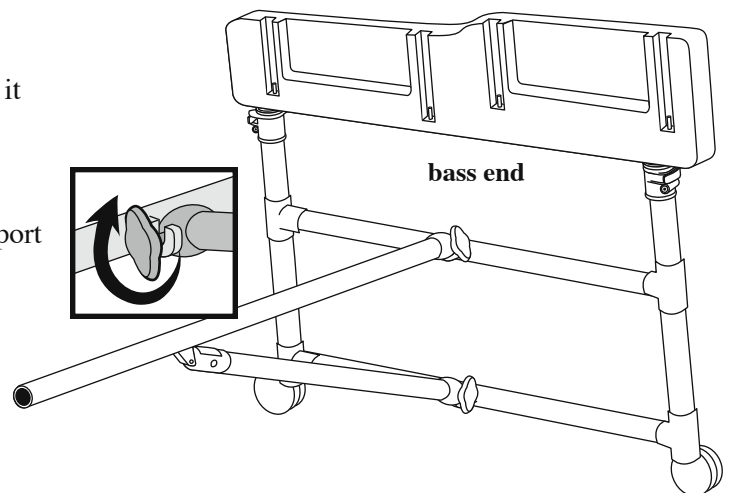
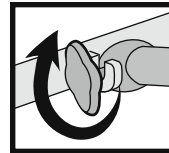
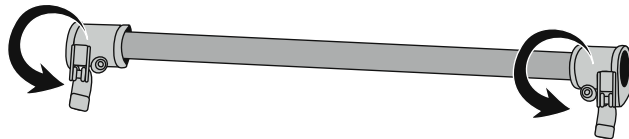


6**BASS END:****REPEAT THE PROCESS FOR THE BASS END OF THE FRAME.**

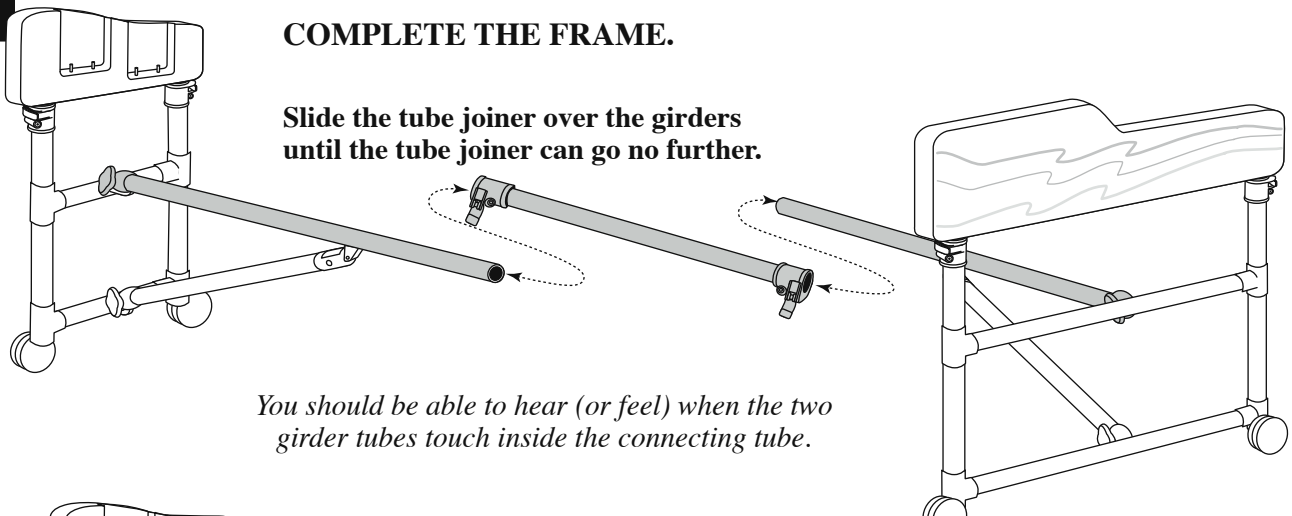
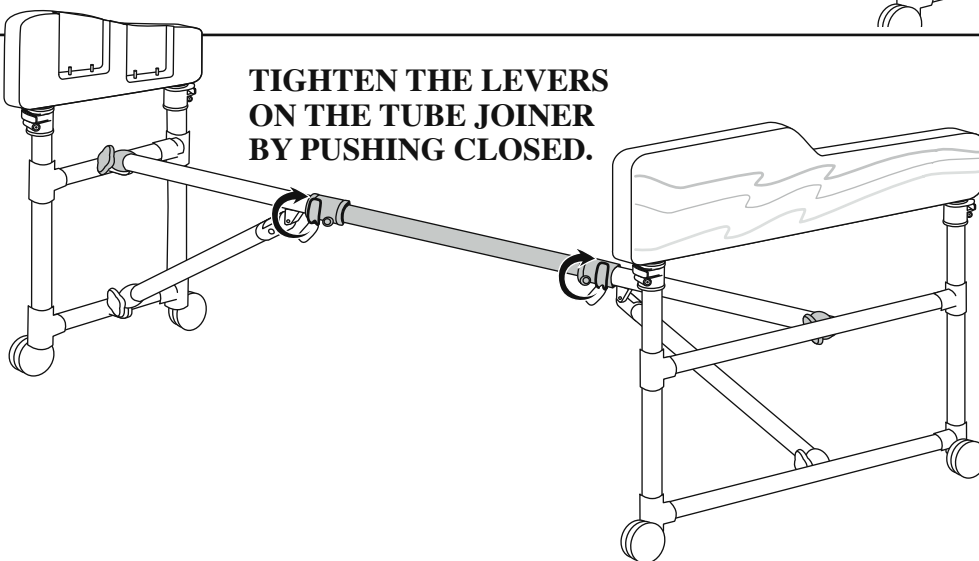
Do not tighten the girder knob until the girder support is in place.

**ATTACH GIRDER SUPPORT.**

- Loosen the knob and lower it into the frame hook.
- Fully seat the knob end into the hook.
- Completely tighten the support knob, then the girder knob.

**7****TUBE JOINER:****LOOSEN THE LEVERS**
by flipping open.**8****COMPLETE THE FRAME.**

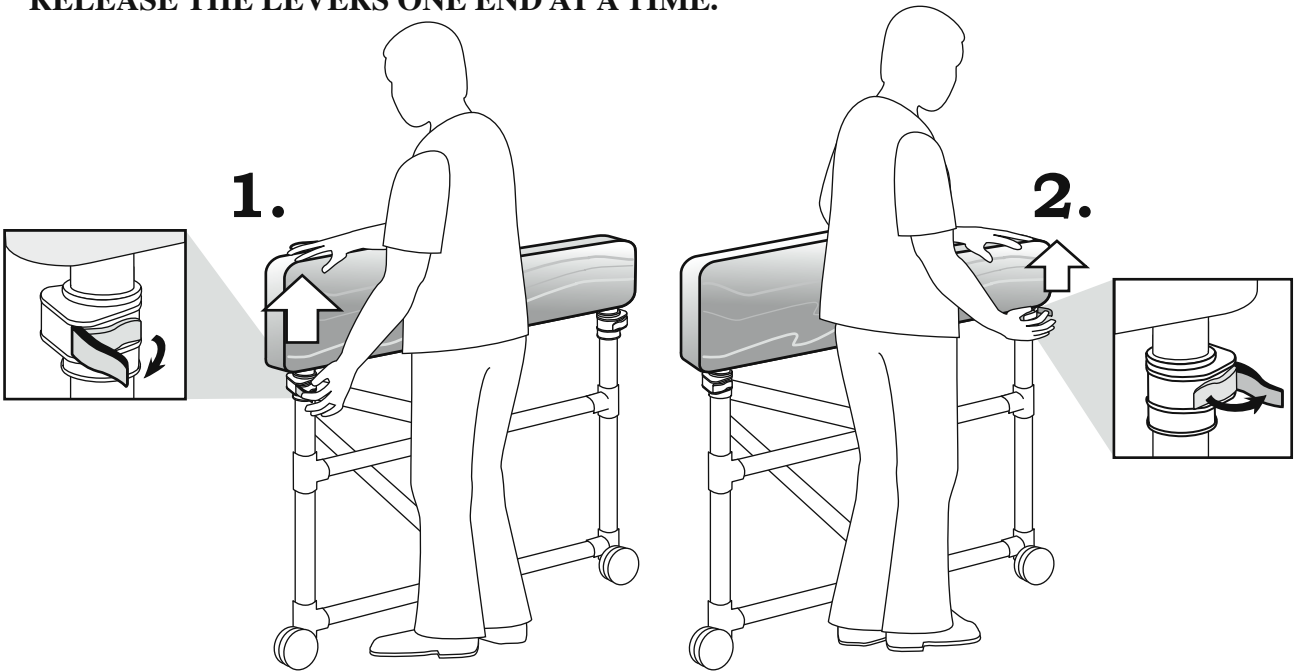
Slide the tube joiner over the girders until the tube joiner can go no further.

**9****TIGHTEN THE LEVERS**
ON THE TUBE JOINER
BY PUSHING CLOSED.

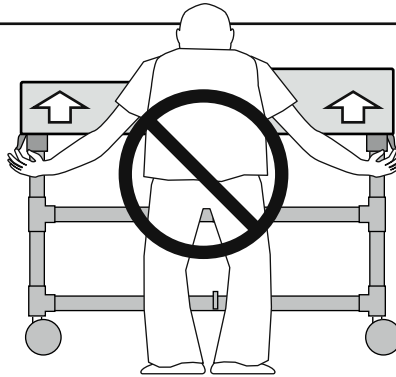
height adjustment:

CAUTION! *To prevent damage, always adjust the height of the marimba with all rails, resonators and bars INSTALLED.*

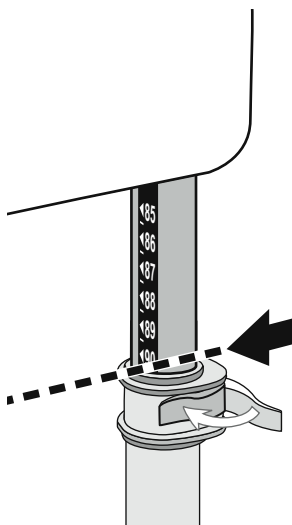
RELEASE THE LEVERS ONE END AT A TIME.



Do not release the end levers at the same time.



Always keep marimba ends at equal heights.



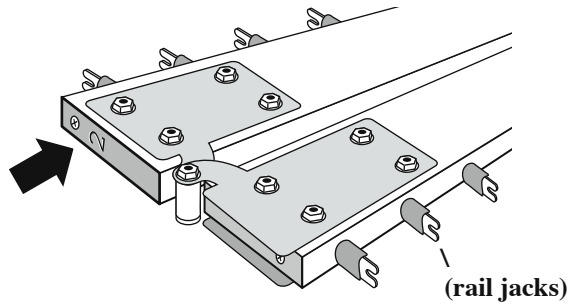
**USE THE
HEIGHT
GAUGE**

To prevent damage, always adjust the height of the marimba with all rails, resonators and bars INSTALLED.

- Locate the height gauges on the inside edges of frame.
- Use these gauges to ensure that both ends are always at the same height.
- Raise or lower the marimba by opening the levers, one at a time.
- Close levers when desired height is achieved.

rail detail

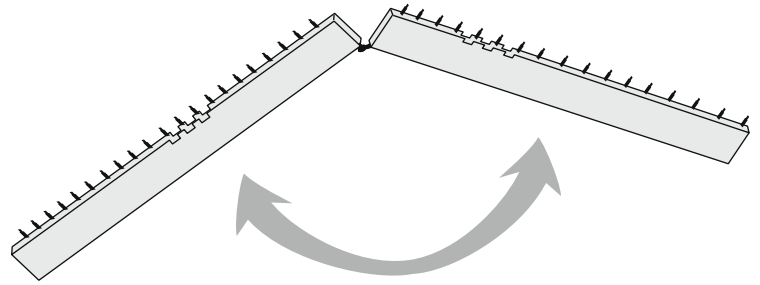
The rails are numbered on the bass end (when the rails are folded, the number appears in the cross-grain of the wood).



10

LOCATE RAIL #2

With your assistant, unfold the rail while supporting each end.



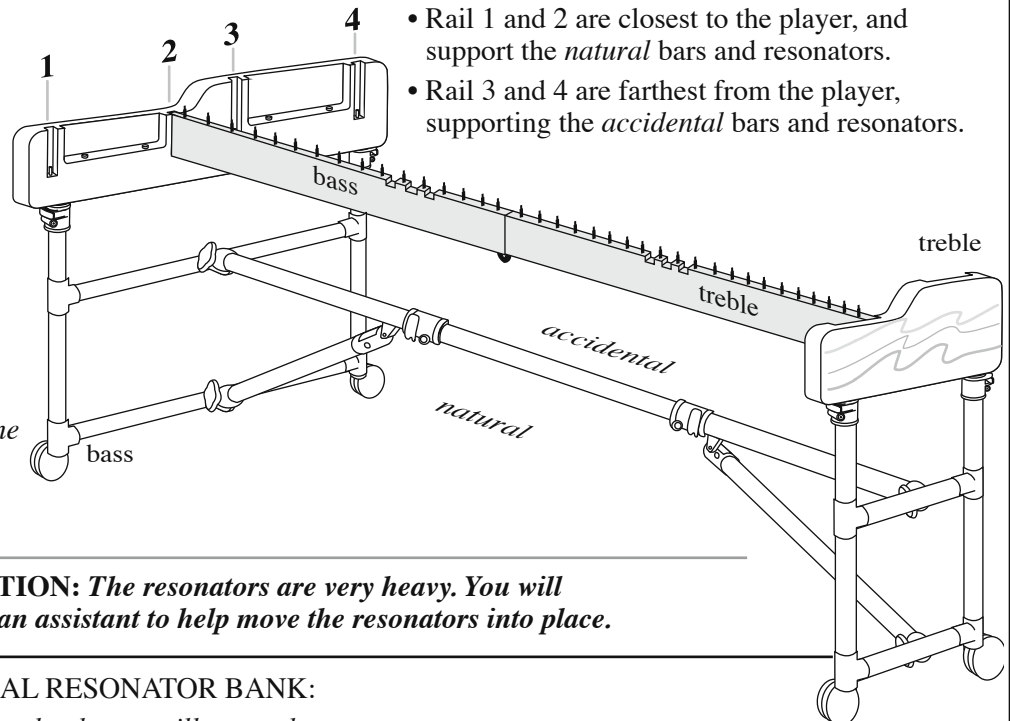
11

INSTALL RAIL #2.

Position yourself with the bass end on your left and treble end on your right.

LOWER THE RAIL ONTO THE CORRESPONDING METAL PINS ON THE FRAME.

Note that the bass ends of the rails have larger gaps between the rail jacks than the treble end.



resonators

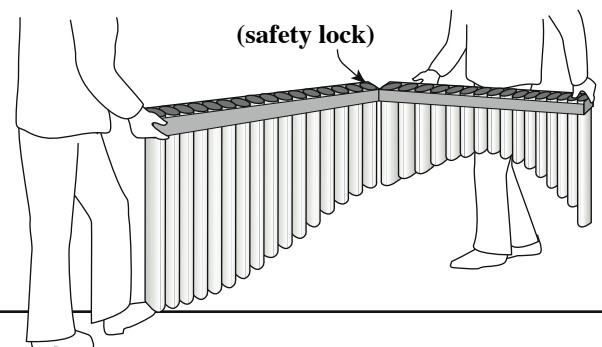
CAUTION: The resonators are very heavy. You will need an assistant to help move the resonators into place.

12

IDENTIFY THE NATURAL RESONATOR BANK:

Inside the natural resonator bank, you will see a plug in every tube. The accidental resonators are missing a plug in every 3rd or 4th tube.

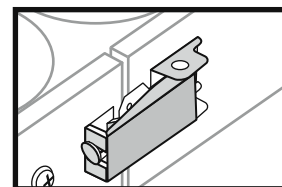
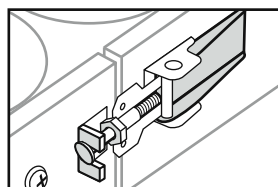
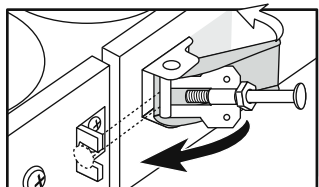
OPEN THE RESONATORS FROM THEIR NORMAL VERTICAL POSITION.



13

CLOSE THE SAFETY LOCK

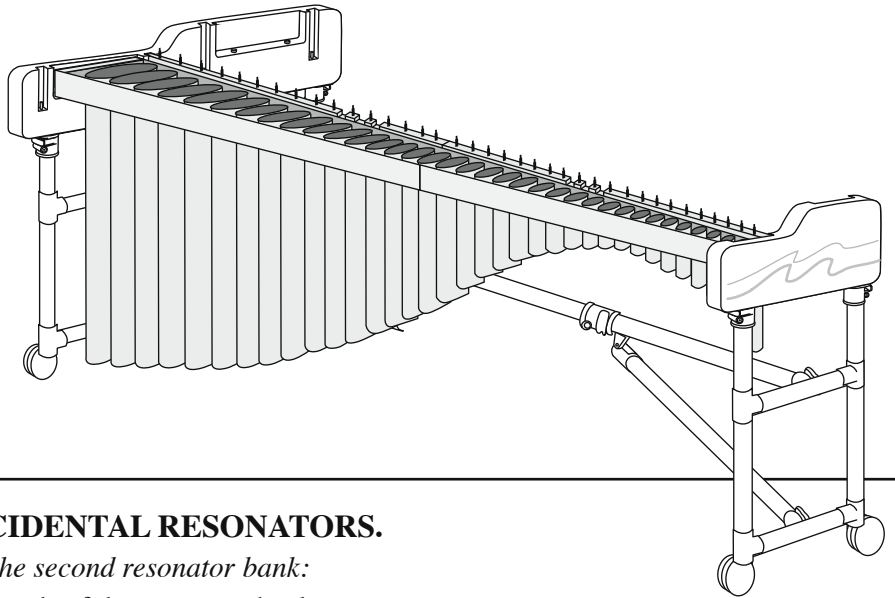
(located at the hinge point on the resonator bank).



14

INSTALL THE BANK OF NATURAL RESONATORS.

- With your assistant, carefully lift the natural resonator bank upright.
- With each person holding the ends of the resonator bank, lower the bank into the frame, in front of the girders.



15

INSTALL THE ACCIDENTAL RESONATORS.

Repeat the process for the second resonator bank:

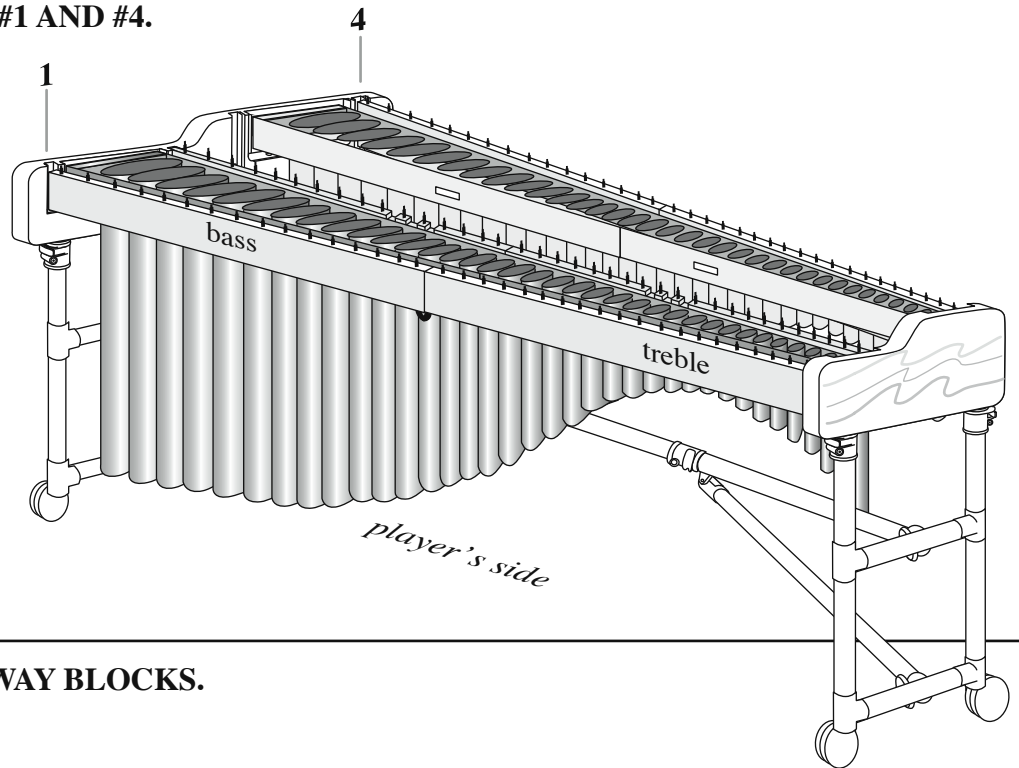
- Each person holds the ends of the resonator bank.
- Lower the bank into the frame **BEHIND** the girders.

16

INSTALL RAIL #1 AND #4.

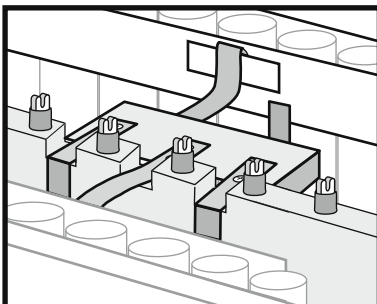
Lower the rails onto the corresponding metal pins on the frame.

Note that the bass ends of the rails have larger gaps between the jacks than the treble end.



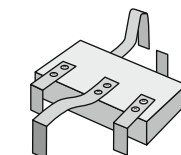
17

INSTALL THE SWAY BLOCKS.

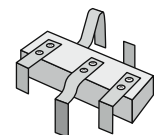


The three prongs on the sway blocks always point toward the player.

- Position the sway block tabs over the notches in Rail #2.
- Hook the long tab onto the resonator banks.



BASS SWAY BLOCK

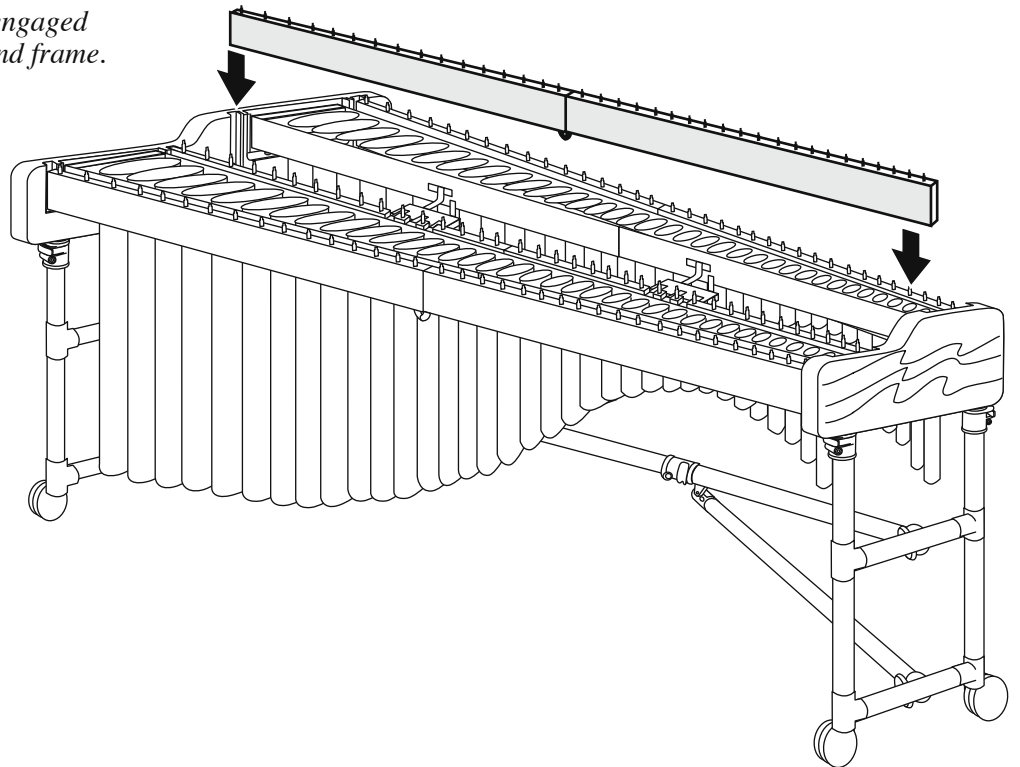


TREBLE SWAY BLOCK

18**INSTALL RAIL #3.**

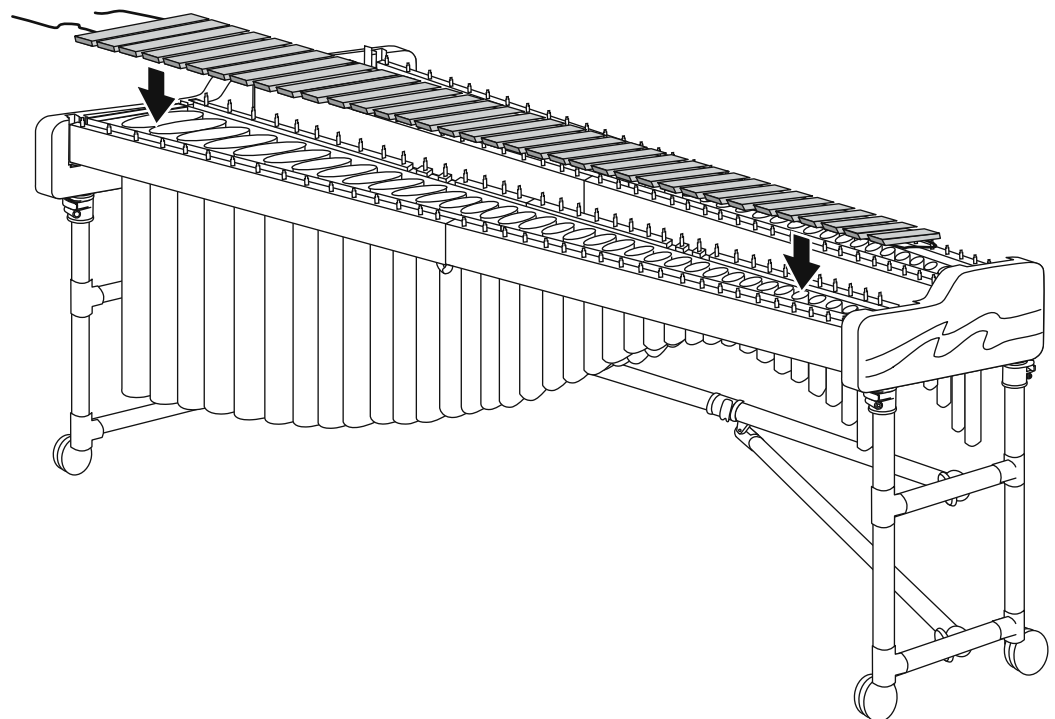
The rail will be placed over the sway block tabs, and onto the pins like the other rails.

Make sure it is fully engaged onto the pins in the end frame.

**19****CAREFULLY UNROLL THE BAR BUNDLES.**

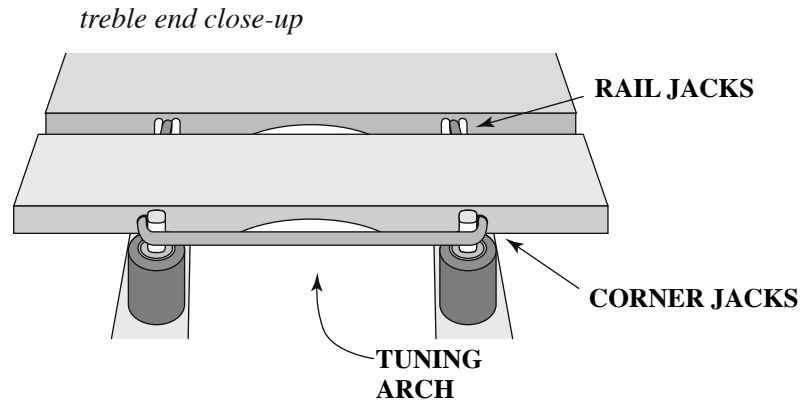
The larger bar bundle holds the natural bars and goes over the natural resonators (the smaller bundle holds the accidental resonators).

With your assistant at one end and you at the other, lift the natural bars and lay them over rail #1 and #2.

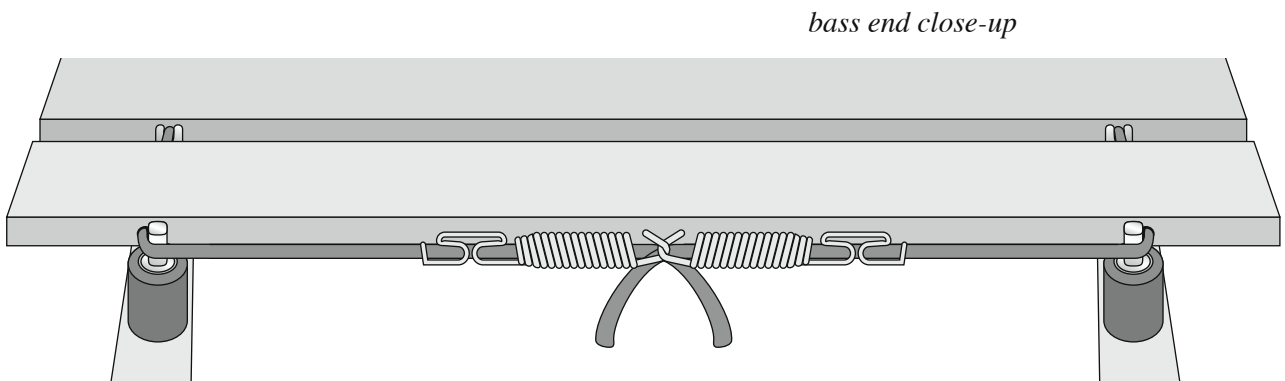


20**POSITION THE BARS ON THE RAILS.**

- Move each bar into its correct position, making sure that the cord rests in the Jacks between each bar.
- Wrap the bar cord around the Corner jacks at the treble end.

**21****SECURE THE BARS TO THE RAILS.**

Once all the bars are in place, from the bass end pull the cord taught (pulling evenly on each end of the cord at the same time), loop the cord around the corner jacks and hook the springs together.

**22****FOLLOW THE SAME PROCEDURE FOR THE ACCIDENTAL BARS.**

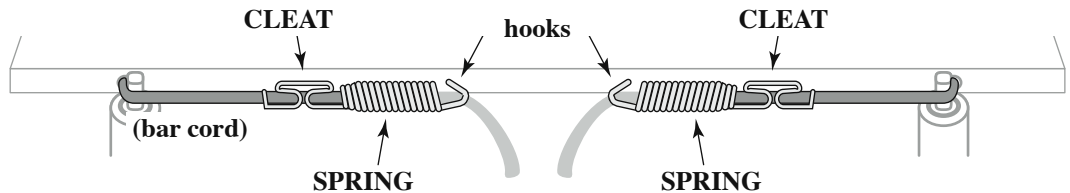
The bars go over every resonator that is plugged.

When you look from the top you can see the floor through the resonators without bars over them.

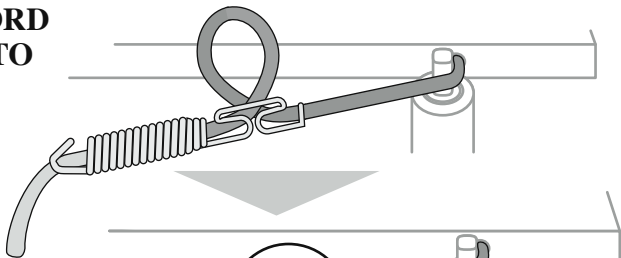
bar cord tension

Over time, as you play your instrument, the cord that suspends the bars may loosen and need to be adjusted. To increase tension in the bar cord, use the cleats behind the springs to hold the slack in the cord.

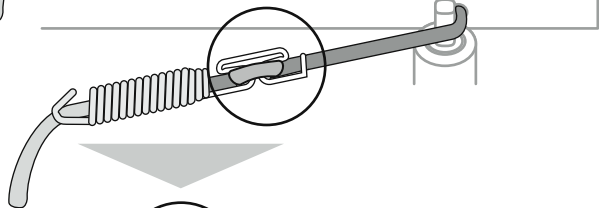
1. UNHOOK THE SPRINGS.



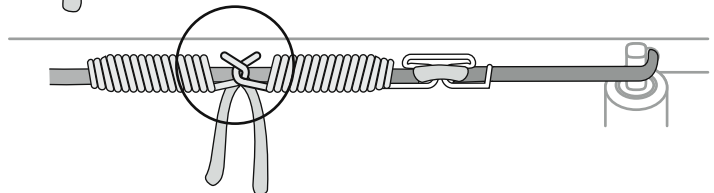
2. AT THE CLEAT, PULL THE CORD TO MAKE ENOUGH SLACK TO FORM A LOOP.



3. • Slip the loop down around the cleat. • Pull the cord taut.



4. RE-HOOK THE SPRINGS.

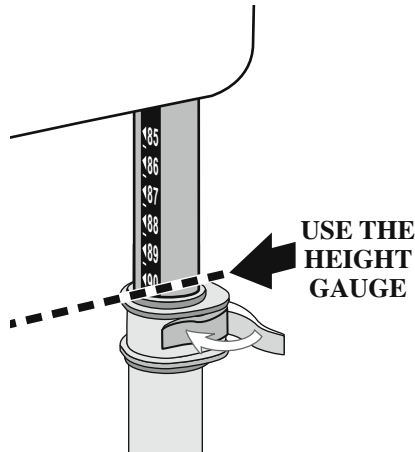


*NOTE: In time, the cord may become loose again. Do not exceed a maximum of **THREE** loops around each cleat.*

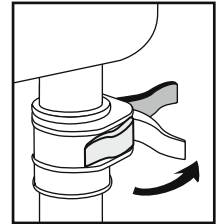
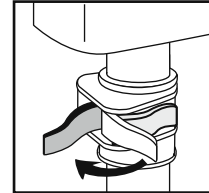
height adjustment

CAUTION!

To prevent damage, always adjust the height of the marimba with all rails, resonators and bars INSTALLED.



- Locate the height gauges on the inside edges of frame.
- Use these gauges to ensure that both ends are always at the same height.
- Raise or lower the marimba by opening the levers, one at a time.
- Close levers when desired height is achieved.



ALWAYS KEEP MARIMBA ENDS AT EQUAL HEIGHTS.

marimba cleaning

USE A SOFT COTTON RAG OR TOWEL DAMPENED WITH WATER ONLY.

DO NOT USE FURNITURE POLISH on your marimba! Most of this type of product contains silicone, which will damage the finish and contaminate the wood.

moving the marimba

THE MARIMBA SHOULD ONLY BE LIFTED BY THE END FRAMES.

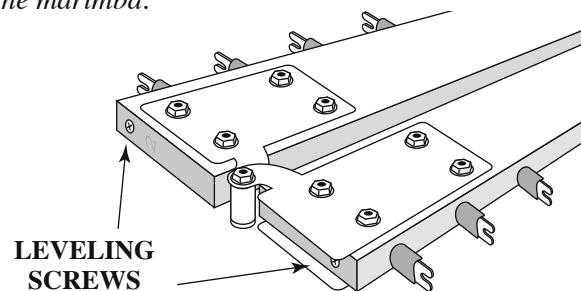
- Lifting by the rails will cause the rails to come out of their slots.
- When the marimba is moved, pass **VERY SLOWLY** through doorways, over doorjamb, electrical cords, and uneven surfaces.

sagging bars

With time, the natural or accidental bars may sag over the length of the marimba.

CAREFULLY REMOVE THE BARS THAT ARE SAGGING.

- Lift out the rail that is no longer level and fold the rail to expose the stainless steel leveling screws.
- Turn **ONE** of the screws about an eighth of a turn from its present location.



Replace the rail and check it again. Reposition the bars as before.

keyboard diagram

In all correspondence, please refer to your marimba bars according to the diagram. This will make communication much easier, regarding the tuning or replacement of your bars.

Thank You!

MAILING:

marimba one® Inc.
P.O. Box 786
Arcata, CA 95518 - U.S.A.

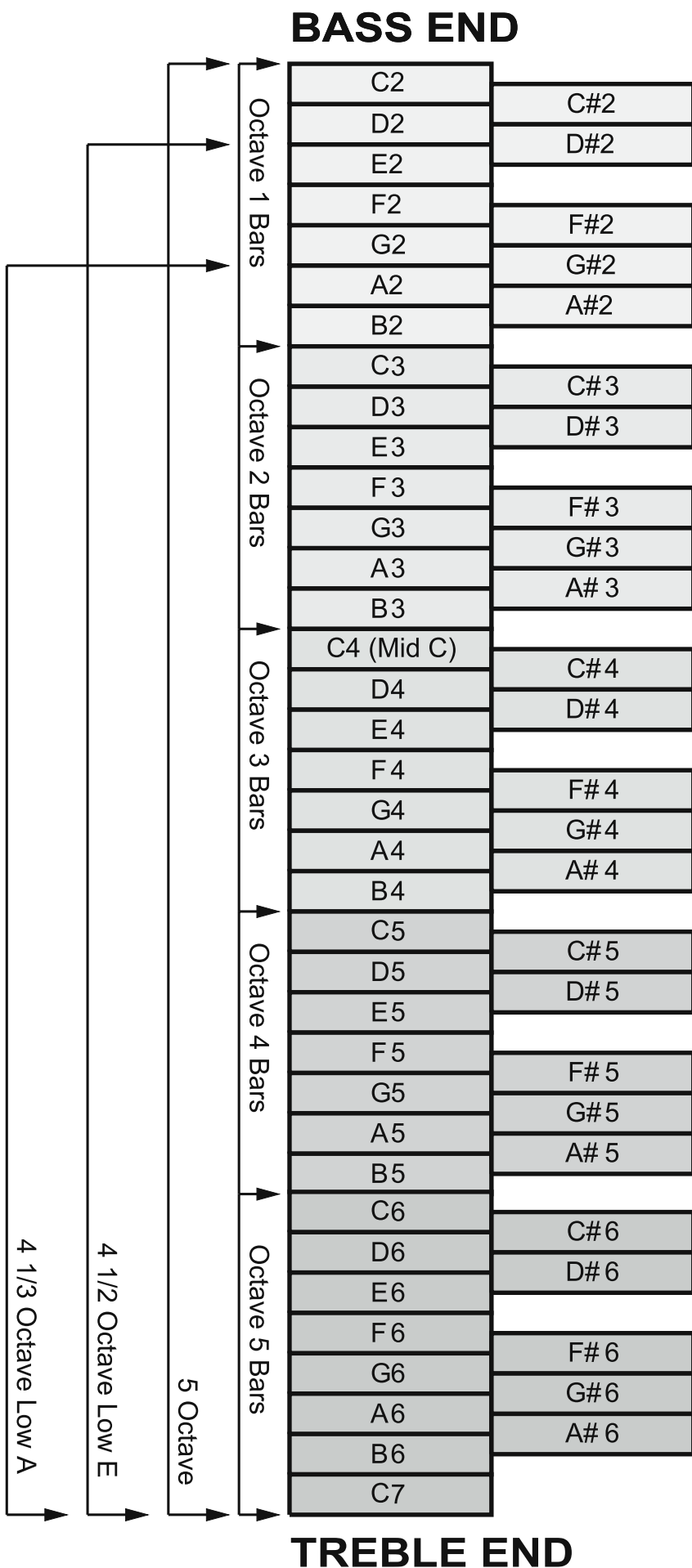
SHIPPING:

marimba one® Inc.
901 O Street
Arcata, CA 95521 - U.S.A.

Telephone: (707) 822-9570
Toll-free: (888) 990-6663 (U.S.A.)

Fax: (707) 822-6256

Email:
percussion@marimba1.com



TREBLE END