

# Wave<sup>™</sup> Marimba OWNER'S MANUAL

4.3 octave and 5 octave (with either 4-inch wheels or 8-inch wheels)

# Figrimba One ASSEMBLY INSTRUCTIONS & OWNER'S MANUAL

FOR ASSEMBLY, YOU WILL NEED:

- A large open space with carpet (or a blanket to cover the floor)
- An assistant to help you with assembly

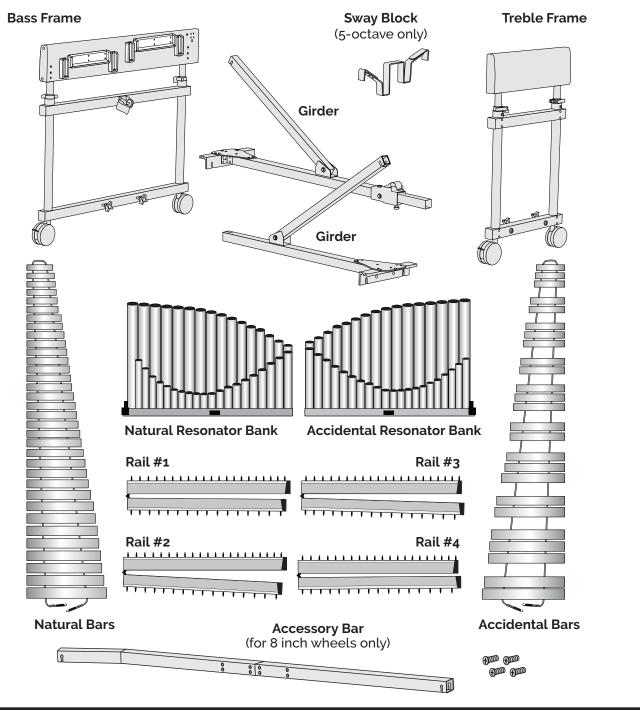


AVOID INJURY — When opening crate, use wire cutters or scissors to cut zip ties.



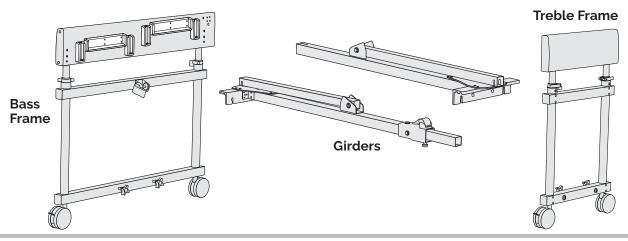
Instructions work with all Wave 5 and 4.3 octave marimbas with 4 or 8 inch wheels.

**CAREFULLY UNPACK YOUR CRATE** — Compare the components to this page.



#### 2 ARRANGE FRAME COMPONENTS

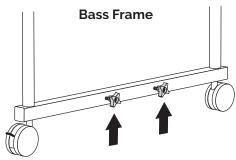
In a large open space with carpeting (or a blanket), arrange the frame components.

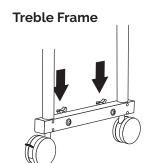


3 LOOSEN KNOBS

Turn knobs counterclockwise.

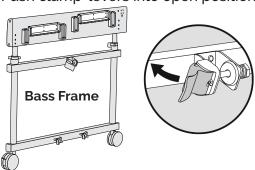


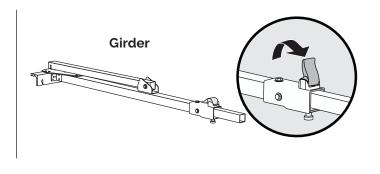




4 OPEN CLAMP-LEVERS

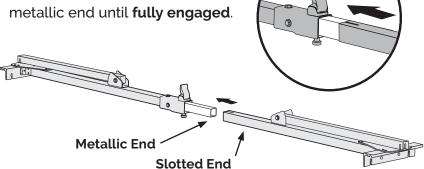
Push clamp-levers into open position.



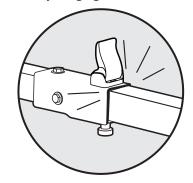


CONNECT GIRDERS

On a flat surface, align girders as shown. Slide slotted end over metallic end until **fully engaged**.



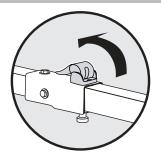
When you hear or feel the girder tubes touch, the girders are fully engaged.



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#### **SECURE GIRDERS**

Push clamp-lever into closed position.



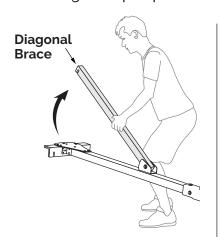
**NOTE**: Clamp-lever will not close if girder ends are not fully engaged.

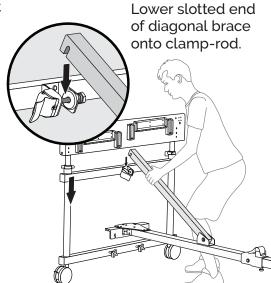
7

#### ATTACH DIAGONAL BRACE

Have assistant hold bass frame upright.

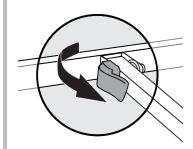
Holding diagonal brace, lift girder. Diagonal brace will swing into open position.





SECURE BRACE
Push lever into

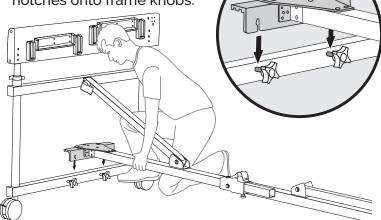
closed position.



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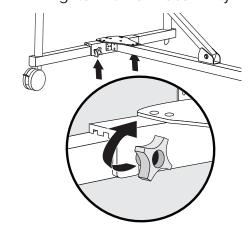
#### ATTACH ANGLE BRACKET

Lower angle bracket notches onto frame knobs.



SECURE ANGLE BRACKET

Tighten frame knobs firmly.



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**VERIFY CLAMPS AND KNOBS ARE SECURELY TIGHTENED** 

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REPEAT PROCESS FOR TREBLE FRAME

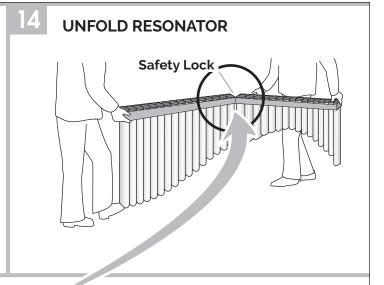
Rev. 120522 5

# IDENTIFY NATURAL RESONATOR BANK

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

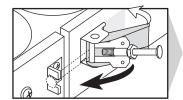
The **natural** resonator bank has a plug inside every tube.

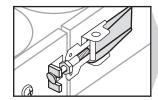
The **accidental** resonators are missing a plug inside every 3rd or 4th tube.

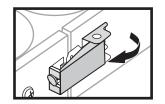


## 15 CLOSE SAFETY LOCK

Lock is located at hinge point on resonator bank.

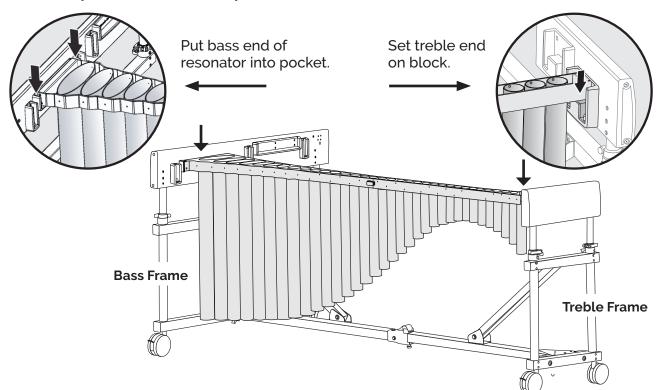






## 16 INSTALL NATURAL RESONATOR BANK

With your assistant, carefully lift the natural resonator bank.



## 17

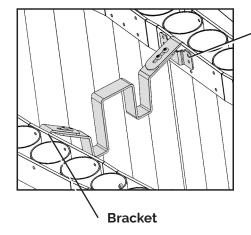
#### **INSTALL ACCIDENTAL RESONATOR BANK**

Repeat steps for the second resonator bank.

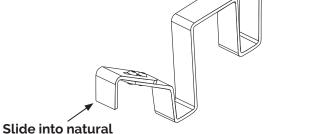
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#### INSTALL SWAY BLOCK

Slide ends of sway block into brackets on resonator banks.



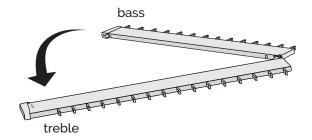
Bracket



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#### **UNFOLD RAILS**

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



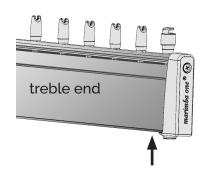
20

resonator slot.

#### **IDENTIFY RAILS 1 – 4**

Numbers are engraved under each end.

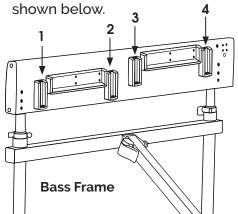
Slide into accidental resonator slot.



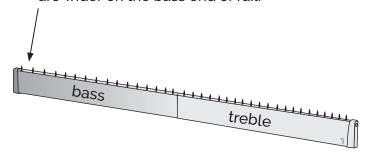
21

#### PREPARE TO INSTALL RAILS

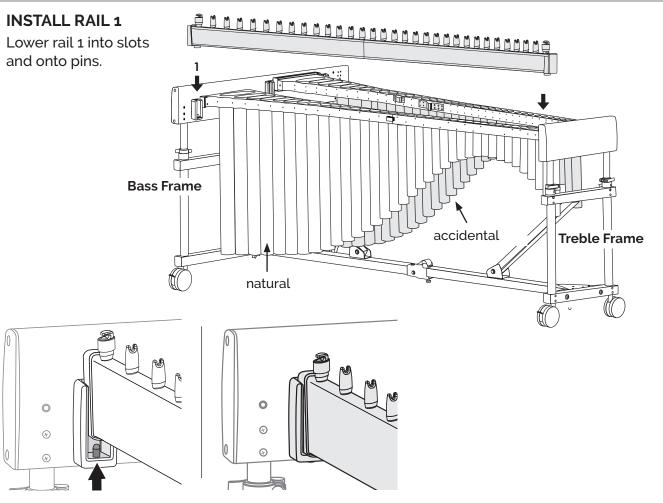
Rails are placed in positions with corresponding rail numbers, as



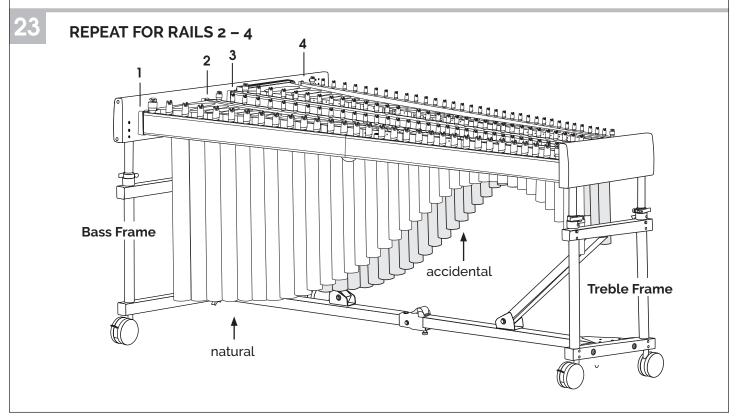
**NOTE**: Gaps between the rail jacks are wider on the bass end of rail.







Make sure the rail is fully engaged onto the flexible pins.

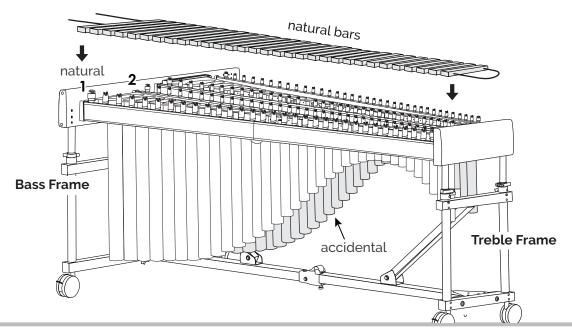


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#### **INSTALL NATURAL BARS**

Carefully unroll heaviest bar bundle.

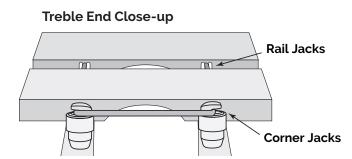
With your assistant at one end and you at the other. Place natural bars over rails #1 and #2.



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#### **POSITION BARS ON RAILS**

Move each bar into its correct position, making sure that the cord rests in the jacks between each bar.

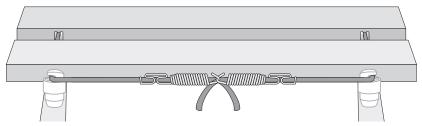


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#### **PLACE BARS ON RAIL**

Once all the bars are in place, from the bass end pull the cord taut (pulling evenly on each end of the cord at the same time), hook the springs together and then loop the cord over the corner jacks (see illustration below).





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#### FOLLOW SAME PROCEDURE FOR 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.



#### FOR WAVE INSTRUMENTS WITH 8-INCH WHEELS.

You will need a #2 Phillips head screwdriver.



**SECURE BAR** 

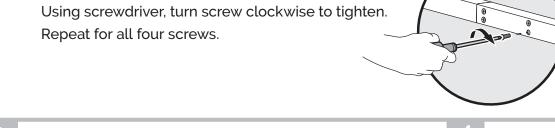
Push clamp-levers into

CONNECT TUBES

Slide tubes together.

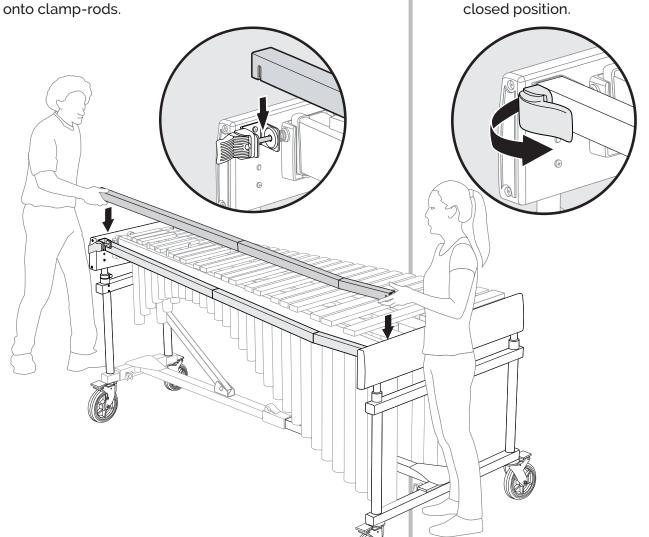
2 SECURE TUBES

Insert screw into hole on straight tube.



3 INSTALL ACCESSORY BAR

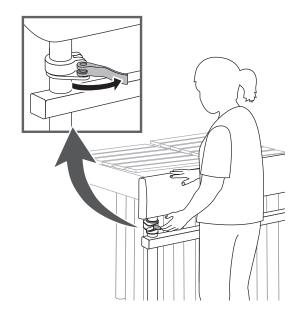
Lower slotted ends of accessory bar onto clamp-rods

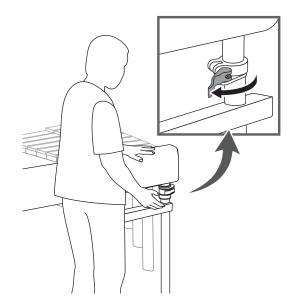


# height adjustment

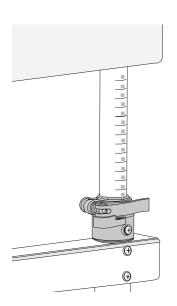
## 1

#### RAISING/LOWERING YOUR MARIMBA



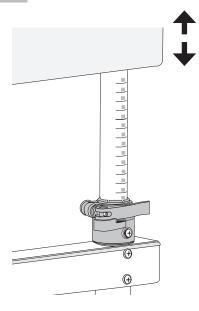


2



Locate the Izzy Height Adjustment™ clamp on the frame.

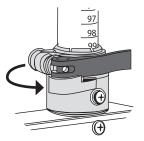
3



Gently lift or push down to raise or lower.

4





Close levers when desired height is achieved.

Always adjust the height of the marimba with rails, resonators and bars installed.

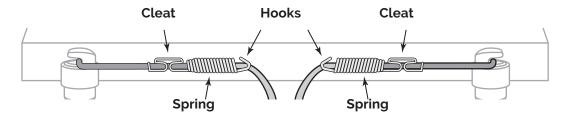
# **AFTER ASSEMBLY CARE & MAINTENANCE**

- bar cord tension
- marimba cleaning
- sagging bars

# bar cord tension

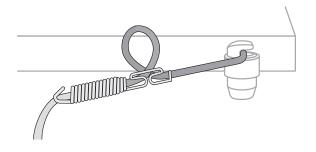
Over time, as you play your instrument, the cord that suspends the bars may loosen and need to be adjusted. To increase tension in the bar cord, use the cleats behind the springs to take up the slack in the cord.

#### UNHOOK SPRINGS



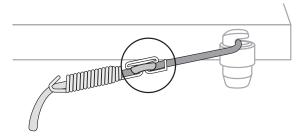
#### 2 FORM LOOP IN CORD

At cleat, pull cord to make enough slack to form a loop.

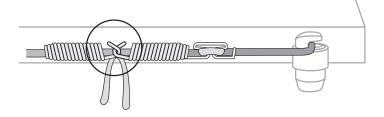


#### 3 SLIP LOOP OVER CLEAT

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



## 4 RE-HOOK SPRINGS



# marimba cleaning

#### USE A SOFT COTTON CLOTH OR TOWEL DAMPENED WITH WATER ONLY.

**Do not use furniture polish on your marimba!** Most products of this type contain silicone, which will damage the finish and contaminate the wood.

# moving the marimba

#### THE MARIMBA SHOULD ONLY BE LIFTED BY THE END FRAMES.

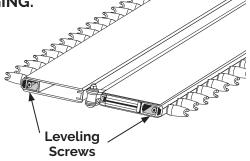
- Lifting by the rails will cause the rails to come out of their slots.
- When the marimba is moved, pass SLOWLY through doorways, over doorjambs, electrical cords, and uneven surfaces.

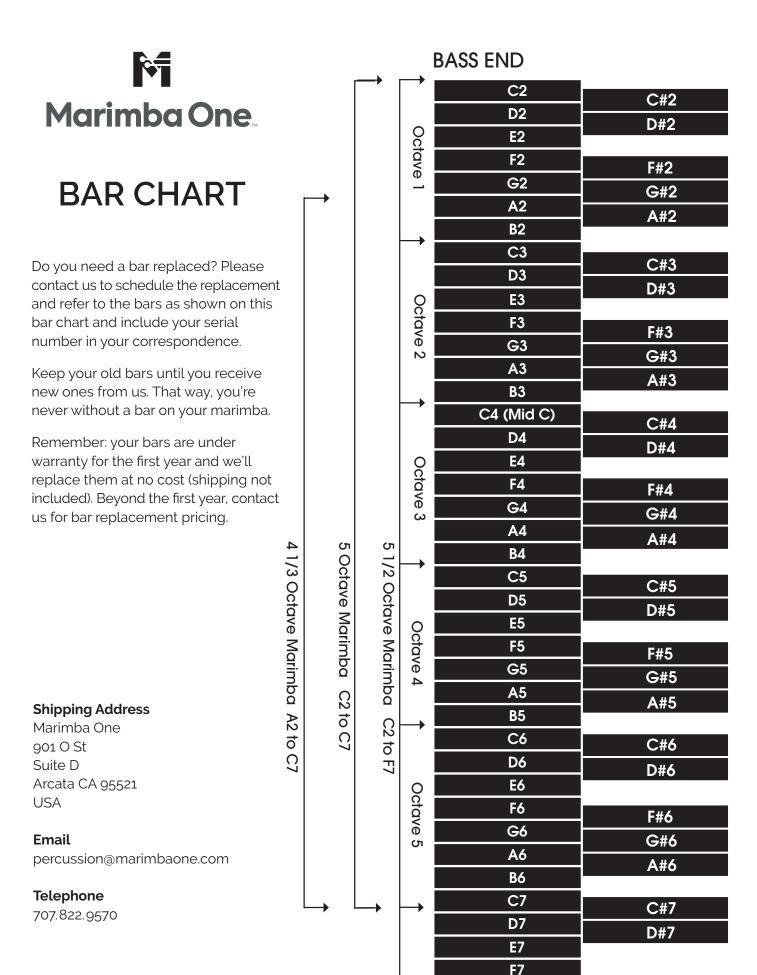
# sagging bars

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.
- Use a 3/32" hex head wrench.
- Turn ONE of the screws about an eighth of a turn counter clockwise from its present location.
- Replace the rail and check it again. Reposition the bars as before.





# WARRANTY

YOU ARE THE OWNER OF ONE OF THE FINEST MARIMBAS IN THE WORLD THE FOLLOWING WARRANTY PROTECTS YOUR INVESTMENT PLEASE READ IT CAREFULLY

# Marimba One

Manufacturer of the world's finest percussion keyboards and mallets

#### MARIMBA ONE WARRANTS ONLY TO THE ORIGINAL PURCHASER THAT THIS INSTRUMENT IS FREE FROM DEFECTS IN MATERIALS AND/OR WORKMANSHIP AS FOLLOWS:

- 1. During a period of twelve (12) months from the date of receiving your instrument, Marimba One will pay all labor and materials necessary to repair any defective instrument or part thereof. We will repair a defective instrument or part at the location of our factory. The purchaser must pay all shipping charges to and from our factory in advance.
- 2. During a period of twelve (12) months from the date of receiving your instrument, Marimba One will replace at no charge any bar that fails to perform according to acceptable musical standards. Marimba One will replace any defective bar upon request by the purchaser. The purchaser must return the defective bar to the location of our factory upon receipt of the replacement bar. The purchaser must pay all shipping charges to and from our factory in advance.
- 3. During a period of twenty-four (24) months from the date of receiving your instrument, Marimba One will provide one free retuning of the entire keyboard of your instrument. Retuning will be at the location of our factory. The purchaser must pay all shipping charges to and from our factory in advance.
- 4. Natural variation occurring in colors, grains, or textures of wood and other materials which do not affect the musical performance of the instrument shall not be considered defects, Marimba One reserves the right to inspect any instrument claimed to be defective to determine if the cause is a manufacturing defect. Excluded from this warranty are all defects other than manufacturing defects. Specifically excluded are defects occurring as a result of use other than normal use, including any unauthorized alteration or repair of the instrument, defects occurring in the course of shipping, and other similar defects not related to the manufacture of the instrument.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. MARIMBA ONE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED IN DURATION AND SCOPE TO THE DURATION AND SCOPE OF THIS WARRANTY. THIS WARRANTY IS NONTRANSFERABLE AND VALID ONLY TO THE ORIGINAL PURCHASER.

# Marimba One

Telephone: (707) 822-9570 Email: percussion@marimbaone.com

#### LOCATION

#### **MAILING ADDRESS**

901 O Street, Arcata, CA 95521 - U.S.A. Post Office Box 786, Arcata, CA 95518 - U.S.A.

#### **INSTRUMENT SERIAL NO.:**