

**Vancore**®

Product information

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# Marimbas



**PSM 501**

4.3 octave A2 - C7 Afican padauk

**Made in Holland | Used Worldwide**

# Performing Standard 500 Series

A complete series of mallet instruments designed for the budget minded students, orchestras and ensembles. The frames of these instruments are manufactured using high grade steel components. Height adjustment of these models can be executed manual very easily. These marimbas are featured with our newly designed ICS system (Integrated Cord Suspension).

The suspension system is modular and functions as an Integrated part of an overall ergonomically and stylish designed instrument.

# Performing Standard 500 Series

## Bars

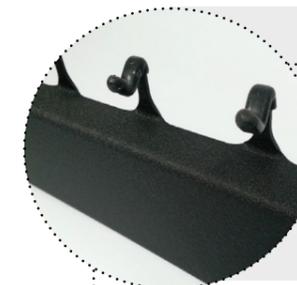
Material: Concert Quality African Padauk | Pterocarpus Soyauxii

As a perfect alternative for Honduran Rosewood, Vancore is using African Padauk as basic material for bar manufacturing. This African hardwood stands for a warm character and rich sustain. Through sizes of logs and availability of quarter sawn wood, the bars are representing a perfectly balanced marimba keyboard in performance and tonality.

Bar sizes: 65x27 | 58x25 | 53x25 | 48x25 | 44x23 | 40x21 mm

## Floating Bar Suspension | FBS

Most notable is the new Floating Bar Suspension System (FBS). This proprietary bar support system actually increases bar resonance by 20%! Precision laser cut bar support arms are angled to insure that each and every bar is supported exactly to the nodal point.



## Endpieces

To realize stable and precise constructions, we use high grade steel components. Rails and endpiece are very carefully designed to make that perfect match.



## Integrated Rail System

Our designers created a new and highly innovative concept to avoid the common and major problem with layers. On top of that, the barsuspension and layer are integrated. One solution, one unique concept!



*A little different, but perfectly designed and engineered!*

## Resonator Clamp System

Vancore resonators are individually hand tuned and Vancore resonators are individually hand tuned and assembled using an exclusive mounting system. This system eliminates every kind of rattle. Unlike other resonators, welded or riveted, our system employs minimal contact technology, this eliminates potential problems.



## Height Adjustment

The height Adjustment of these models can be executed manual very easily.



## Casters

All stands are equipped with double rolled casters for easy operation. Carefully choosed casters come with high grade bearings and brakes.



**Vancore Custom classic 500 series: designed for the budget minded students, orchestras and ensembles.**

Boxnumber	Content	Box Sizes		Weight	
		CM	INCH	KG	LBS
Box 1 of 2	Frame/Resonators	114 x 85 x 48	44.8 x 33.4 x 18.8	51.2	112.88
Box 2 of 2	Stand/Bars	77 x 62 x 44	30.3 x 24.4 x 17.3	26.74	58.95

### PACKED WEIGHT & DIMENSIONS

**77.94 KG**  
**171.83**  
Instrument Weight

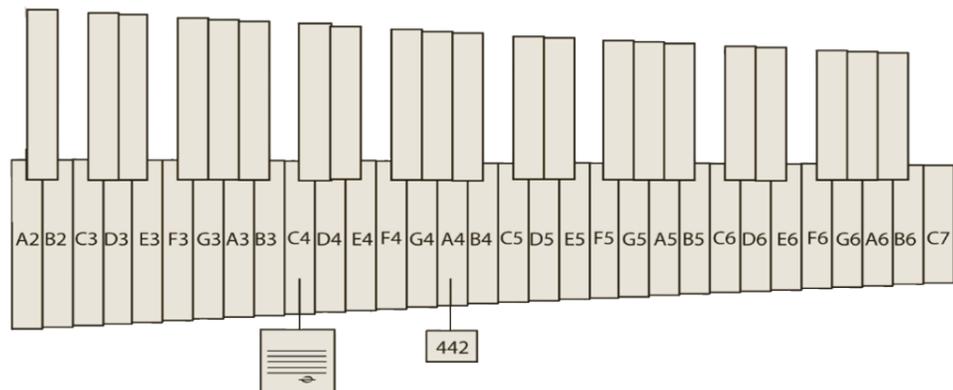
**2**

Total number of boxes

# WEIGHT & DIMENSIONS



- A = 204.5 cm | 80.5 inch
- B = 96 cm | 37.7 inch
- C = 38 cm | 14.9 inch
- D = Height adjustment from 86 cm up to 108.5cm  
Height adjustment from 33.9 inch up to 42.7 inch



# RANGE OVERVIEW

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