

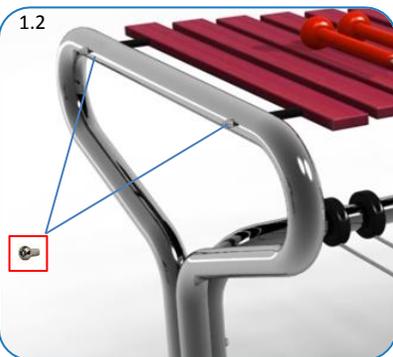
# Installation Instructions

**Ground Fixed**  
Marimba  
Page 1 of 3



**Instrument Components:**

-  x4  
M10x50 Security Screw
-  x4  
M8 Barrel Nut
-  x4  
M8 Lock Nut X4



Weight of heaviest part **kg** (Notes)

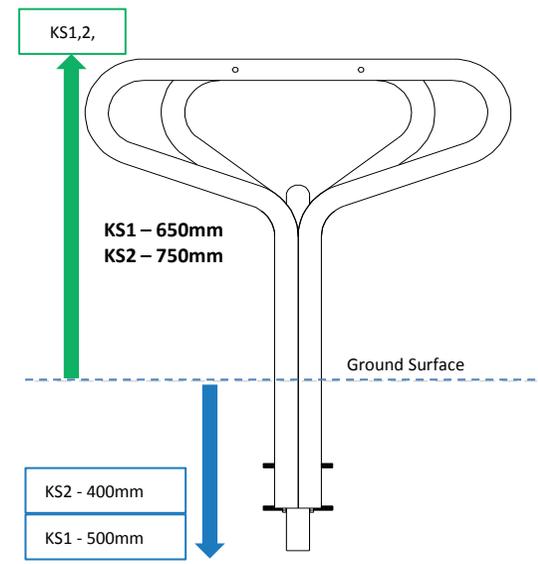
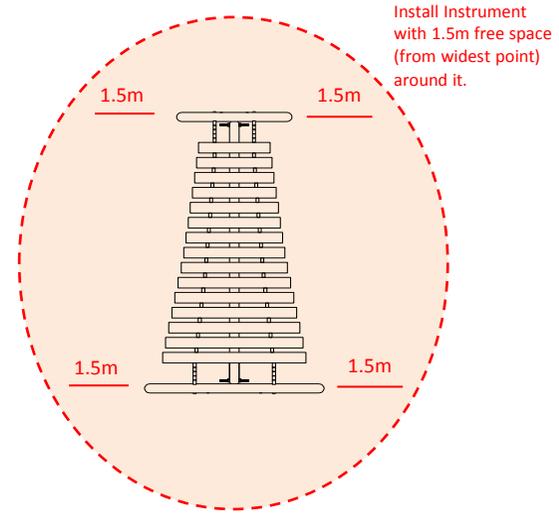
**1. Assemble frame and notes as shown in images 1.2 and 1.3 (see Assembly Guide)**

**2. Using M10 nuts and 150mm bolts** supplied locate through pre drilled holes and secure bolts in place to support in ground pole in concrete. **3 bolts per leg** at 120 degree angles. (1.4)

**3. Excavate 2 holes** for the Marimba legs **200mm diameter by 400mm deep** in desired location upon decision from customer.

**4. Locate (lower) legs** into holes making sure they are vertical and level prior to concreting in place.

**5. Once happy with location of the Marimba, fill holes** using rapid hardening **concrete**. Be sure to compact concrete around legs and leave to dry according to manufactures guidelines.



**Ground Fix Components:**

-  x4  
M10x200 Bolt
-  x8  
M10 Nut

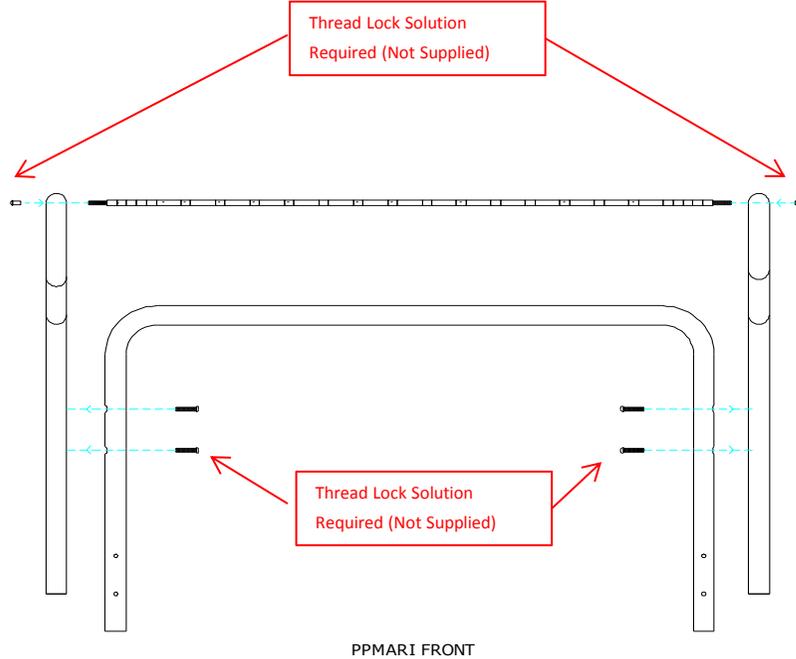
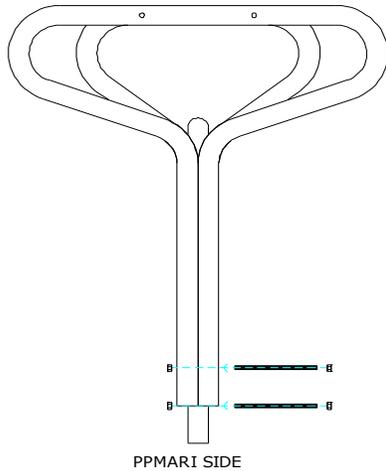
Spares available form [percussionplay.co.uk](http://percussionplay.co.uk) or from your local distributor

**42 Kg**

**Tools:**

-  x1
-  x1

**Ground Fixed**  
Marimba  
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**COMPONENTS LIST:**

-  M10 Nut X8
-  M10x150 Threaded Bar X4
-  M10x50 Pin torx X4
-  M8 Barrel Nut Pin torx X4

**Instrument Components:**

-  x4  
M10x50 Security Screw
-  x4  
M8 Barrel Nut
-  x4  
M8 Lock Nut X4

Thread Lock Solution  
Required (Not Supplied)



**Ground Fix Components:**

-  x4
-  x8

Spares available from  
[percussionplay.co.uk](http://percussionplay.co.uk) or from your  
local distributor

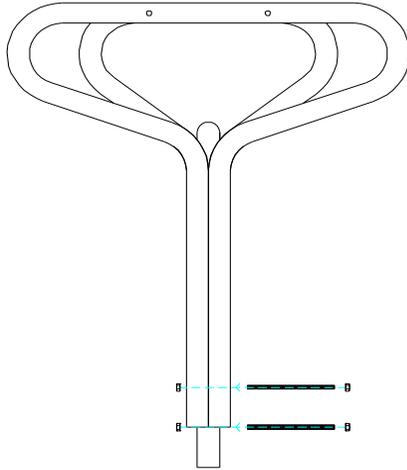
42 Kg

# Ground Fix Installation

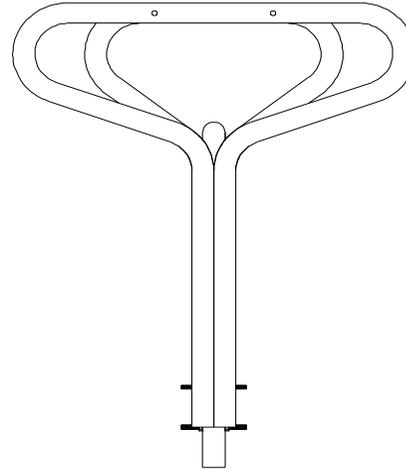
## Ground Fixed Marimba Page 3 of 3



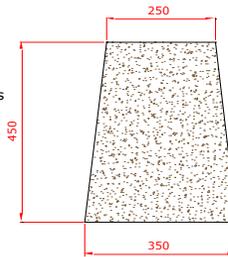
**1** Insert M10x 150 Threaded bar into pre drilled holes in Frame of Babel Drum using M10 BZP Nuts



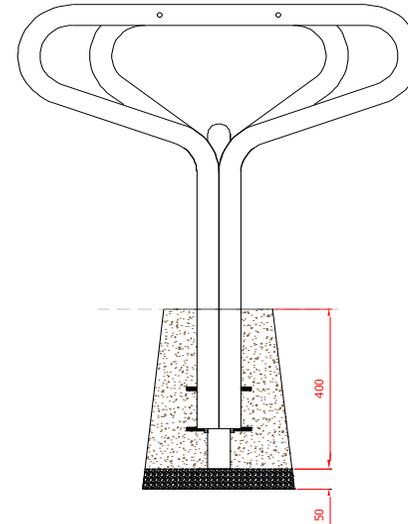
**2** Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and 450mm depth



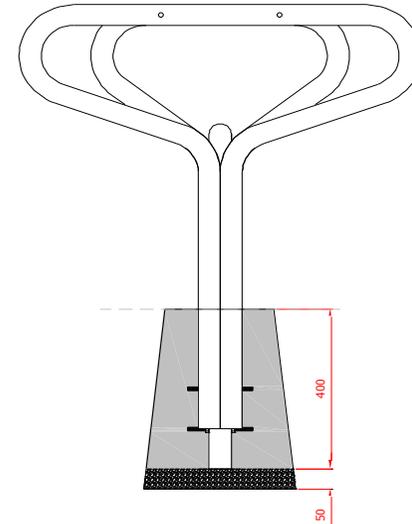
If Marimba needs to be positioned lower a deeper hole can be excavated.



**3** Compact base of each hole with 50mm of aggregate. Lower ground the instrument into hole (check instrument straight and level before filling with concrete)



**4** Fill hole with fast drying concrete to manufacturers specifications.



### Components:



x4

M10x150 Threaded Bar



x8

M10 BZP Nut

Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 7 of BS EN 1176.