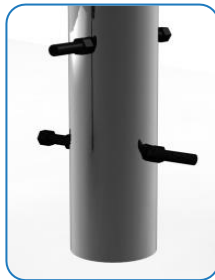


Installation Instructions

Ground Fixed

Sonora
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Weight of heaviest part 30kg

1. Thread the M8x120mm threaded bars into the M8 CSK barrel nuts until they bottom out. Push them through the four holes in the front of the Sonora, so the barrel nuts are flat to the front board (behind notes). Secure bars with M8 rivetnuts at back of Sonora (be careful not to scratch the notes).

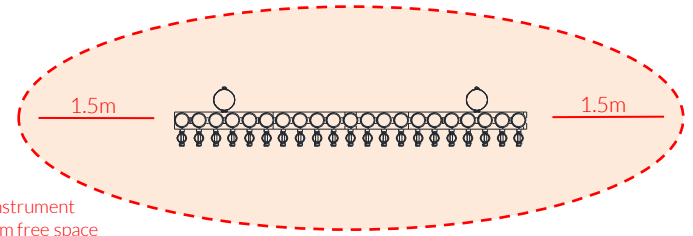
2. Align the posts with the Sonora backboard and protruding bars, ensuring the right orientation as shown in provided diagrams. Slot bars through post holes and secure with M8 barrel nuts.

3. Excavate 2 holes on site of installation (Page 3) approximately **250mm wide at the top**, tapering to **350mm at base**, a **minimum 550mm deep** (adjust depth according to age range for intended players).

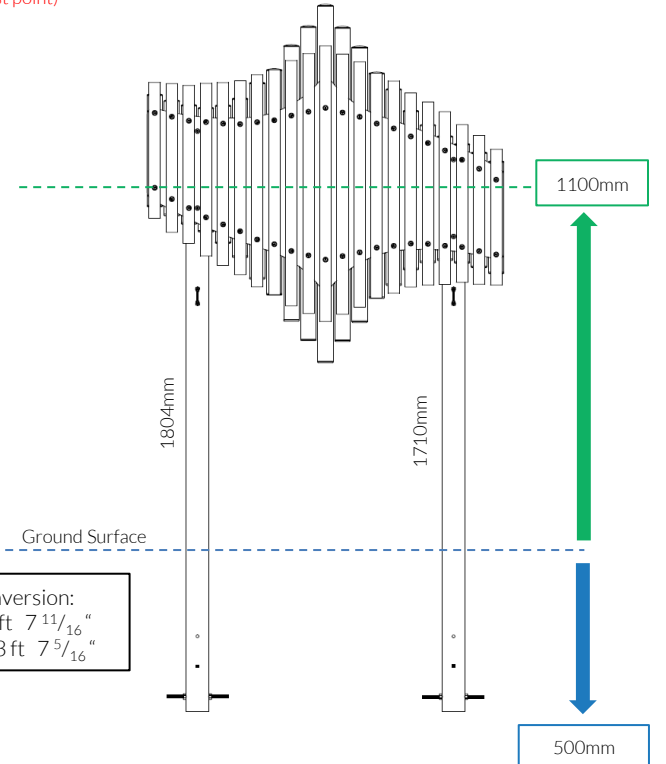
4. Carefully raise the instrument from the ground with posts attached and locate (lower) posts into ground making sure they are vertical and level prior to concreting in place.

4. Fill holes using rapid hardening concrete. Be sure to compact concrete around legs and leave to dry according to manufactures guidelines.

5. Fix beaters to the stainless-steel posts using M6x20mm screws and saddles straps.



Install Instrument with 1.5m free space (from widest point) around it.



Metric Conversion:
500mm/ 1 ft 7 11/16"
1100mm/ 3 ft 7 5/16"

Components:



x4

M8 Barrel Nut



x4

M8 Round Rivetnut



x4

M8x120mm Threaded Bar



x4

M8 CSK Barrel Nut



x2

M6 Saddle Straps



x4

M6x20mm Security Screw



Pair Small
Beaters X2

Ground Fix
Components:



x4

M10x200 Threaded Bar



x8



M10 Nut



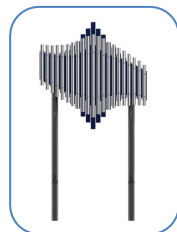
Spares available from
percussionplay.com or from your
local distributor

37/42 Kg

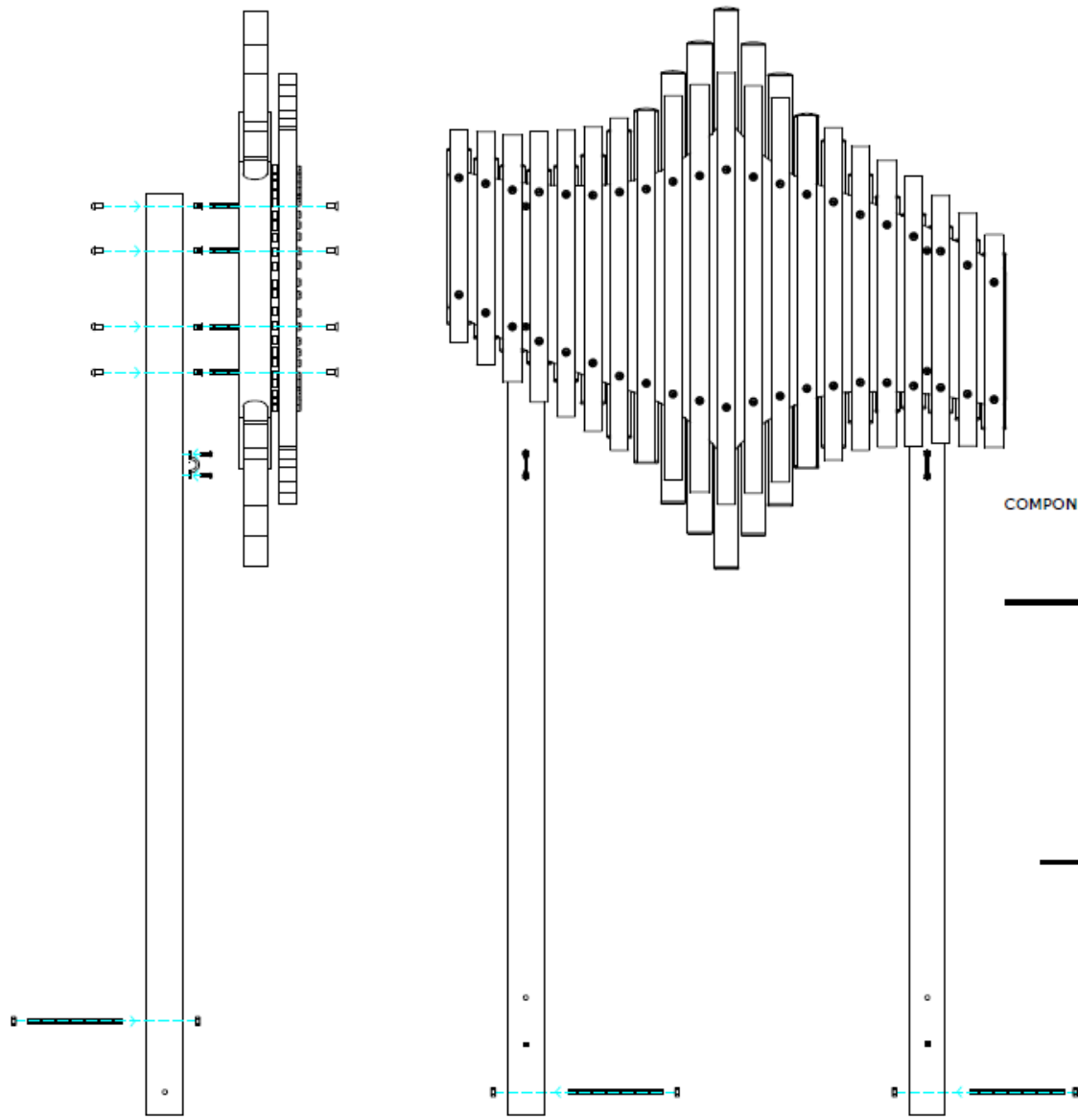
Tools:

 x1
  x1


Ground Fixed
Sonora
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- Components:
-  x4
M8 Barrel Nut
 -  x4
M8 Round Rivetnut
 -  x4
M8x120mm Threaded Bar
 -  x4
M8 CSK Barrel Nut
 -  x2
M6 Saddle Straps
 -  x4
M6x20mm Security Screw





- COMPONENTS LIST:
-  M10 Nut X8
 -  M10x200 Threaded Bar X4
 -  Saddle Strap X2
 -  M6x20 Pin torx X4
 -  M8 Barrel Nut Pin torx X4
 -  M8 CSK Barrel Nut Pin torx X4
 -  M8 Round Rivetnut X4
 -  M8 x120 Stud X4



Pair Small Beaters X2

Ground Fix Components:

-  x4
M10x200 Threaded Bar
-  x8
M10 Nut



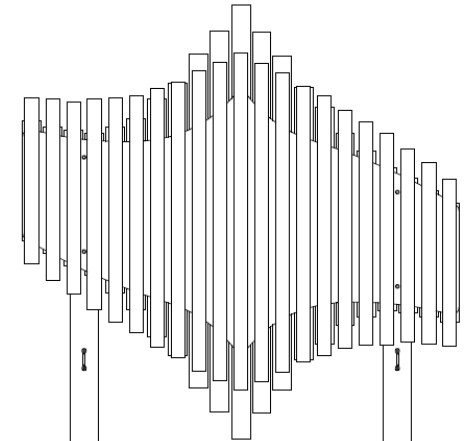
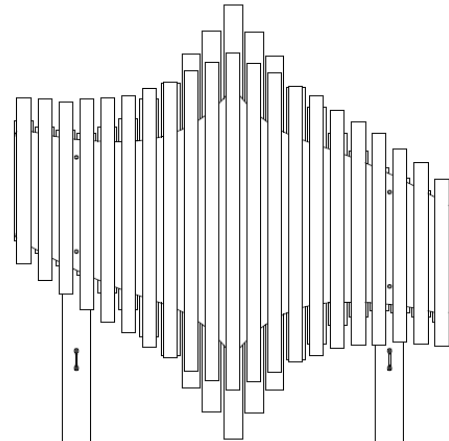
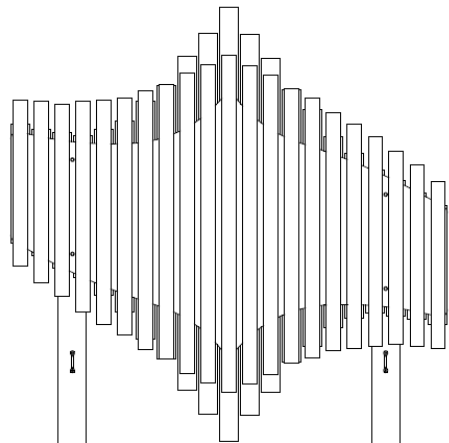
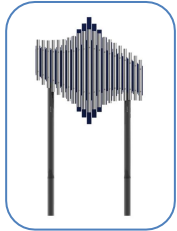
Spares available from
percussionplay.com or from your
local distributor

37/42 Kg

Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 1 of BS EN 1176.

Ground Fixed

Sonora
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Components:



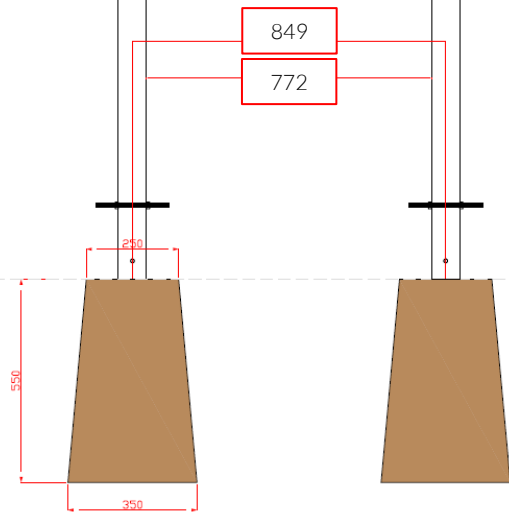
M10x200mm
Threaded Bar
X4



M10 Nut
X8

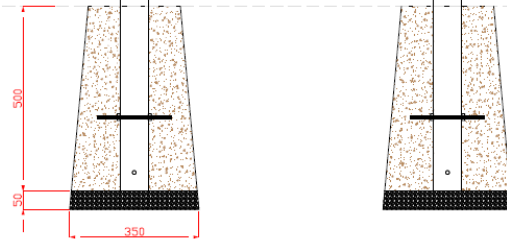
Metric Conversion:

50mm/ 2"
250mm/ 10"
350mm/ 14"
500mm/ 1 ft 7 11/16"
550mm/ 21 21/32"



1. Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and 550mm depth.

500mm min depth - Max depth 700mm



2. Compact base of hole with 50mm of aggregate. Lower ground Fix posts attached to instrument into hole (check instrument straight and level, and at correct height before filling with concrete).

3.

Fill hole with fast drying concrete to manufacturer's specifications. If posts protrude above instrument can be cut down.

