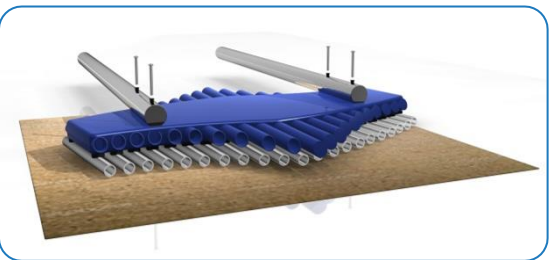
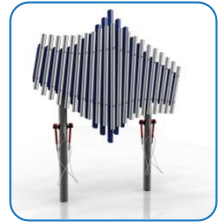


Installation Instructions

Ground Fixed

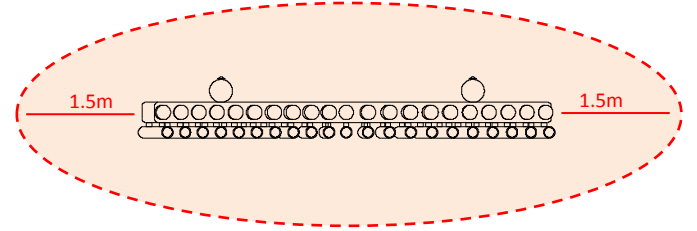
Sonora
Page 1 of 3



1. Carefully lay 2 x legs on a level surface and insert M10x200 bar and nuts. Using packing box as protection lay instrument note side down on the card. Line up pre drilled holes in the backboard with the legs and ensure the instrument is aligned square with the legs. **Fix in place using M10x100mm screws** supplied (see installation guide)

5. Beaters can be fixed to Stainless Steel posts with fixings provided

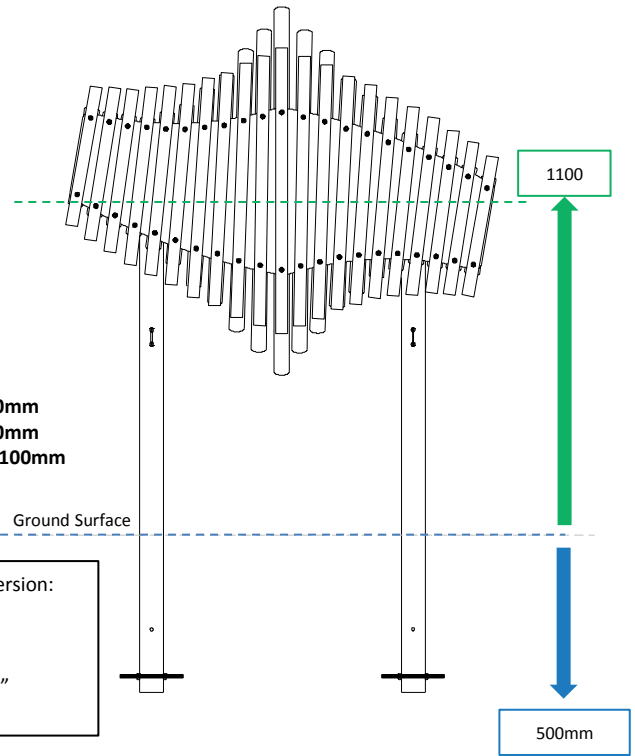
Install Instrument with 1.5m free space (from widest point) around it.



2. (See ground fix sheet) Excavate 2 holes on site of installation approximately **500mm deep** (adjust depth according to age range for intended players)

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

4. Once happy with location and levels, fill holes using rapid hardening concrete. Be sure to compact concrete around legs and leave to dry according to manufactures guidelines



Metric Conversion:
500mm/ 20"
750mm/ 30"
900mm/ 35"
1100mm/ 43"
1.5m/59"

- Components:**
-  x4
M10x100 Security Screw
 -  x8
M10 Flanged Slide Bearing
 -  x2
Eye Straps
 -  x4
M6x20mm Secure Screw



Thread Lock Solution Required (Not Supplied)



Weight of heaviest part 30kg





Ground Fix Components:

-  x4
M10x200 Threaded Bar
-  x8
M10 Nut

Spares available form percussionplay.com or from your local distributor

42 Kg

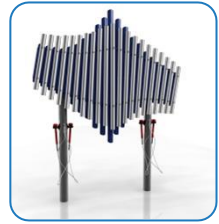
Tools:

 x1
 x1

TX 45 Driver Bit TX 30 Driver Bit

Ground Fixed

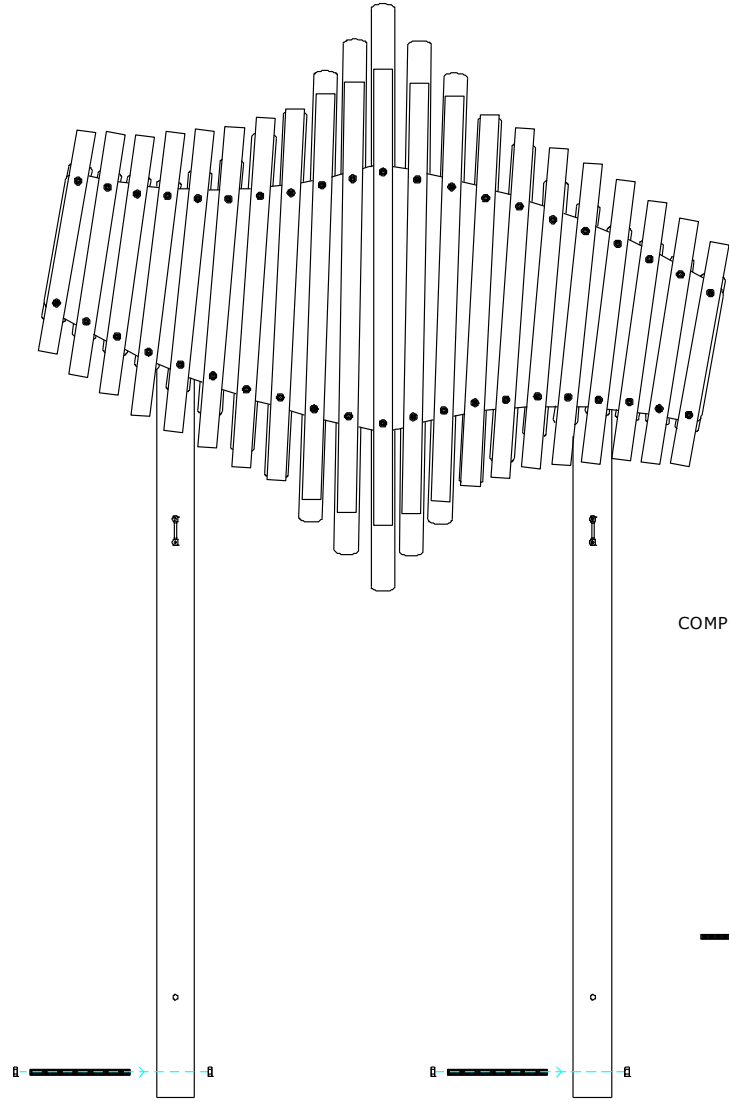
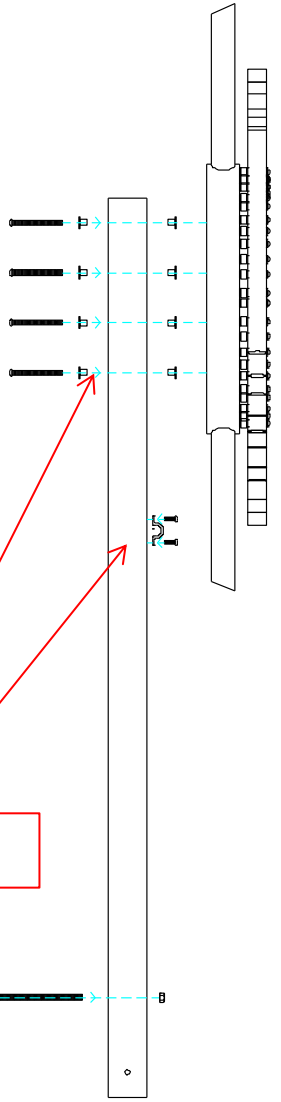
Sonora
Page 2 of 3










Components:

-  x4
M10x100 Security Screw
-  x8
M10 Flanged Slide Bearing
-  x2
Eye Straps
-  x4
M6x20mm Secure Screw

Thread Lock Solution
Required (Not Supplied)





- COMPONENTS LIST:**
-  Saddle Strap X2
 -  M6x20 Pin torx X4
 -  M10x100 Pin torx X4
 -  M10 Black Slide Plastic Bearing X8
 -  M10 Nut X8
 -  M10x200 Threaded Bar 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

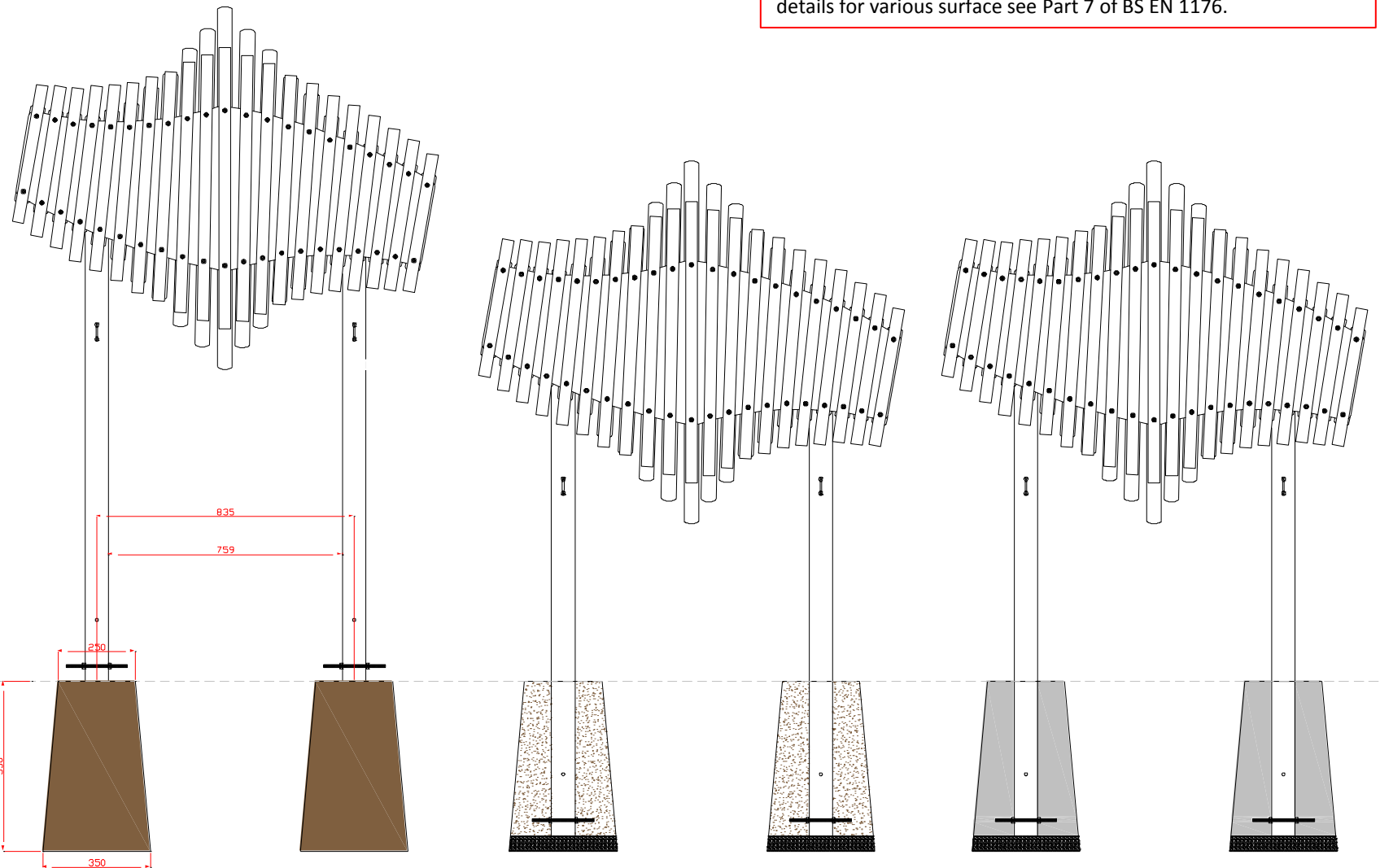
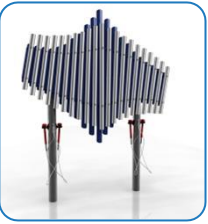
37 Kg

Ground Fix Installation

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.

Ground Fixed

Sonora
 Page 3 of 3



- 1 Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and 550mm depth
- 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 manufacturers specifications. If posts protrude above instrument they can be cut down

Components:

-  M10x200mm BZP Bar X4
-  M10 BZP Nut X8

Metric Conversion:
 50mm/ 2"
 250mm/ 10"
 350mm/ 14"
 550mm/ 22"
 759mm/ 2 ft 5 7/8"
 835mm/ 2 ft 8 7/8"