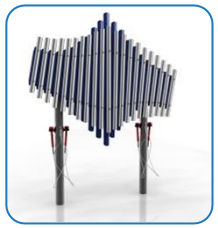
Installation Instructions

Percussion Play®
Outdoor Musical Instruments
for everyone, everywhere

Ground Fixed

Sonora
Page 1 of 3



Components:

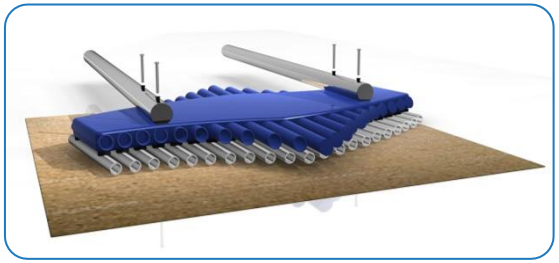
x4
M10x100 Security Screw

x2
Eye Straps

x4
M6x20mm
Secure Screw

Thread Lock Solution
Required (Not Supplied)

MADE IN BRITAIN
BS EN 1176



Weight of heaviest part 30kg

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 screw**s supplied (see installation guide)

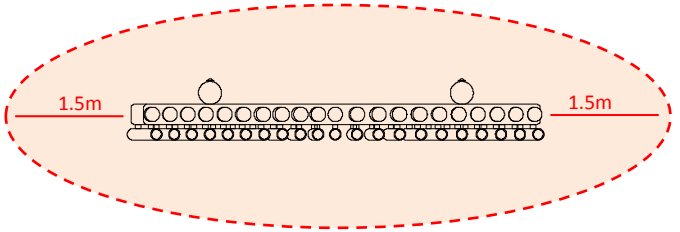
2.(See ground fix sheet)**Excavate 2 holes** on site of installation approximately Minimum **600mm deep** (adjust depth according to age range for intended players)

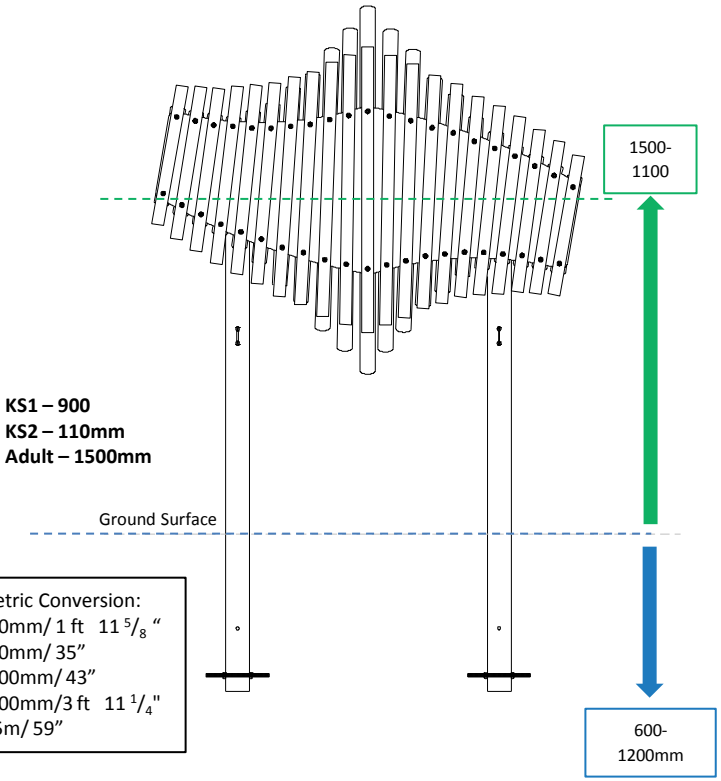
3. **Carefully raise** the **instrument** from the ground **with legs attached** and locate (lower) legs **into holes** making sure they are vertical and level prior to concreting in place.

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

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

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





Metric Conversion:
600mm/ 1 ft 11 5/8 "
900mm/ 35"
1100mm/ 43"
1200mm/3 ft 11 1/4"
1.5m/ 59"

Pair Small Beaters X2

Ground Fix Components:

x4
M10x200 Threaded Bar

x8
M10 Nut

x2
M10 Barrel Nut

x2
M10x70 Security Screw

Spares available form percussionplay.com or from your local distributor

42 Kg

Assembly Guide PPSWAV

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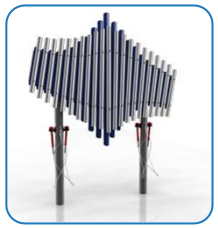

Components:

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Thread Lock Solution
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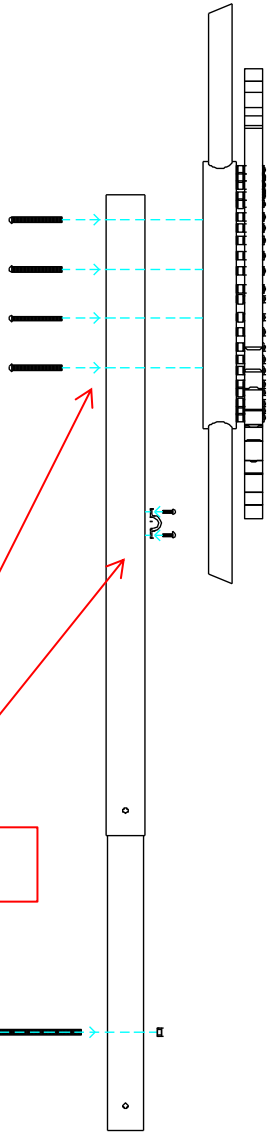

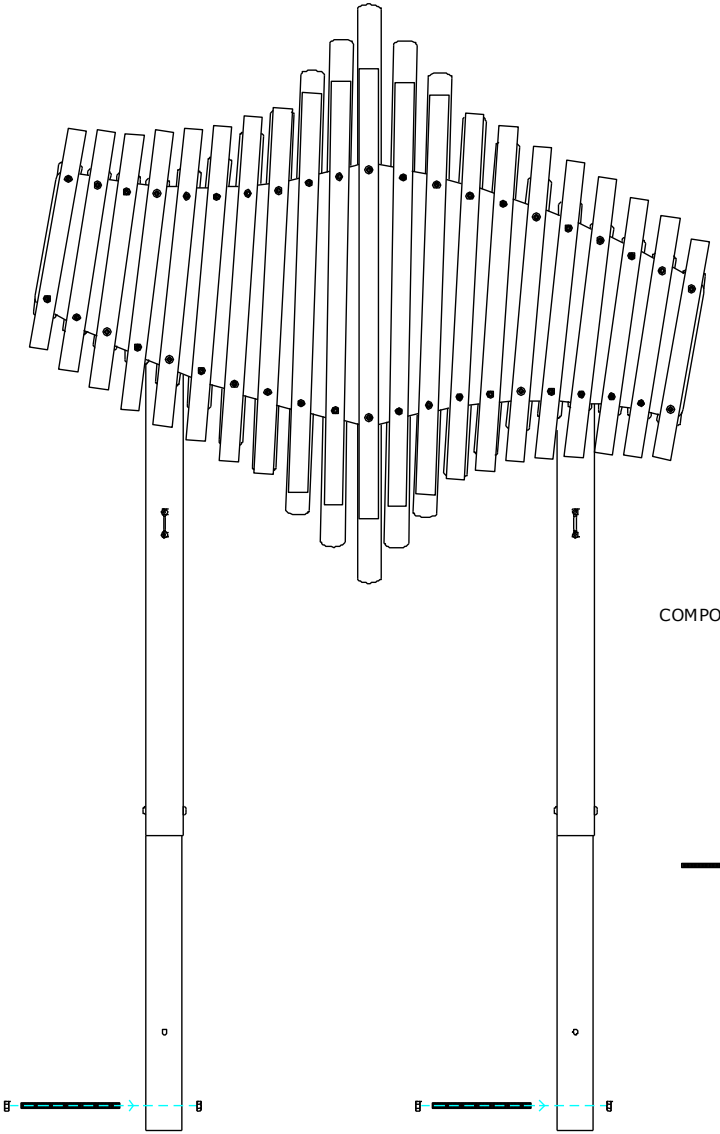

Tools:

x1
TX 45 Driver Bit

x1
TX 30 Driver Bit

COMPONENTS LIST:

Saddle Strap X2

M6x20 Pin torx X4

M10x100 Pin torx X4

M10 Nut X8

M10x70 Pin torx X2

M10 Barrel Nut Pin torx X2

Pair Small
Beaters X2

Ground Fix
Components:

x4
M10x200 Threaded Bar

x8
M10 Nut

x2
M10 Barrel Nut

x2
M10x70 Security Screw

Spares available form
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.

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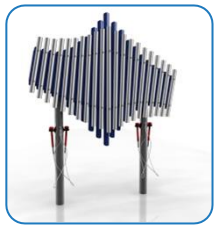

Components:

M10x200mm
BZP Bar
X4

M10 BZP Nut
X8

Metric Conversion:
50mm/ 2”
250mm/ 10”
350mm/ 14”
650mm/ 2 ft 1 19/32”
759mm/ 2 ft 5 7/8 “
835mm/ 2 ft 8 7/8 “

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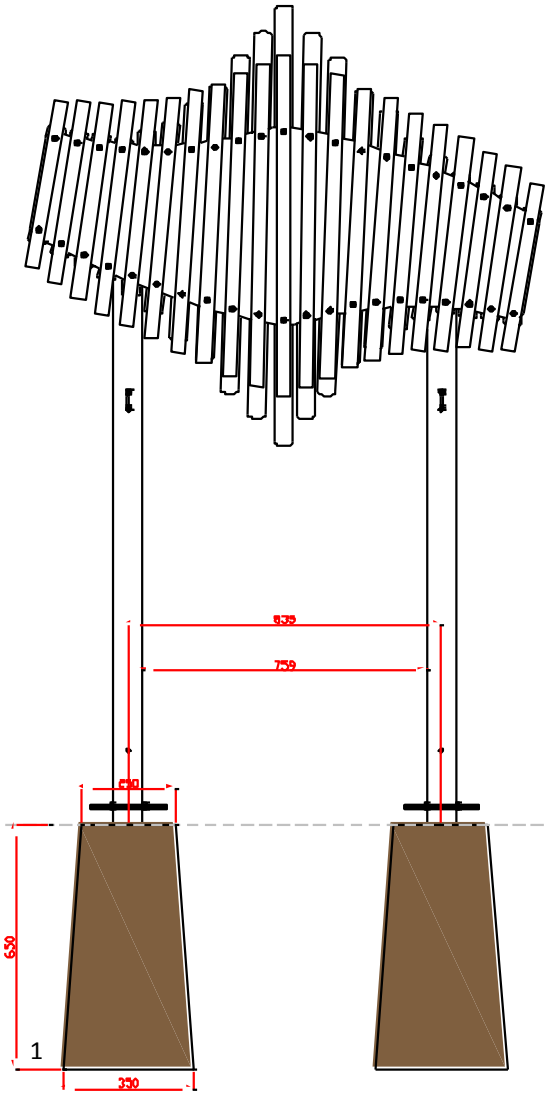
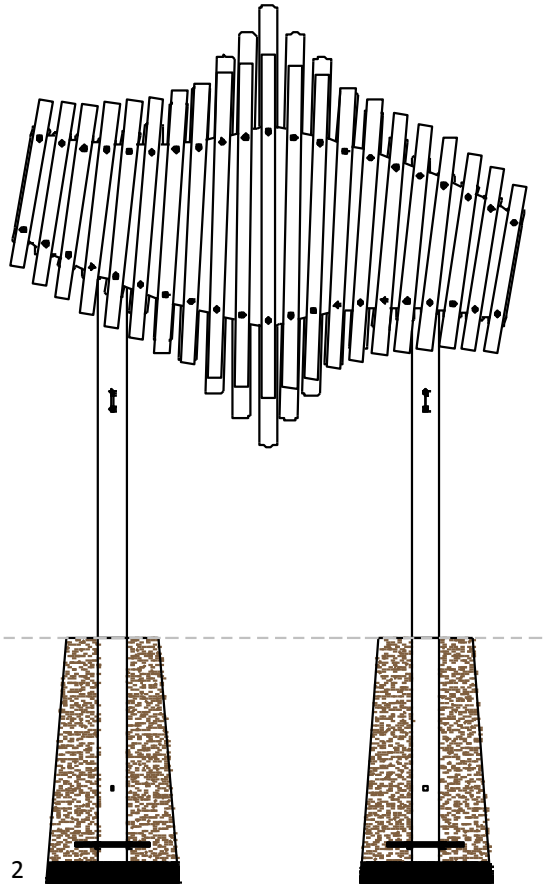


1

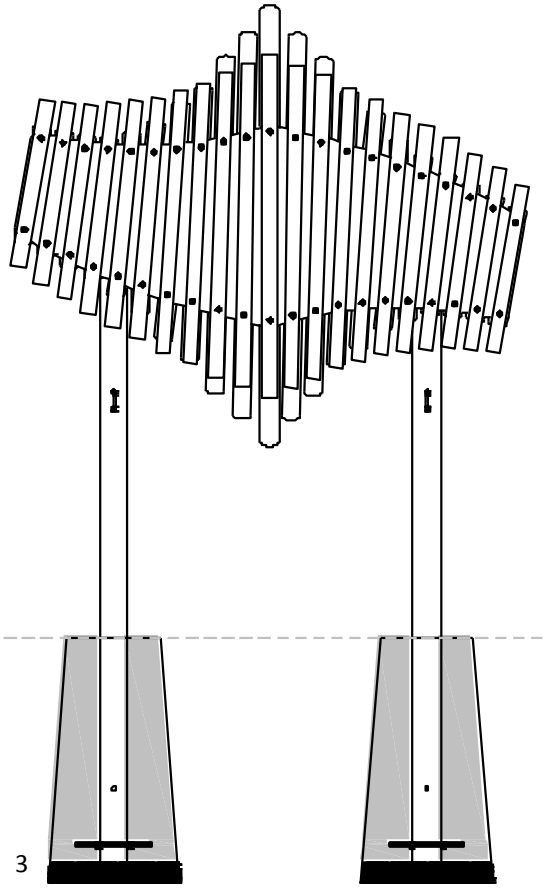
Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and 600mm depth

600mm min depth- Max Depth 1200mm



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