Percussion Play
Outdoor Musical Instruments

Ground Fixed

Handpipes

Instrument Components:

Instrument assembled

Metric Conversion:
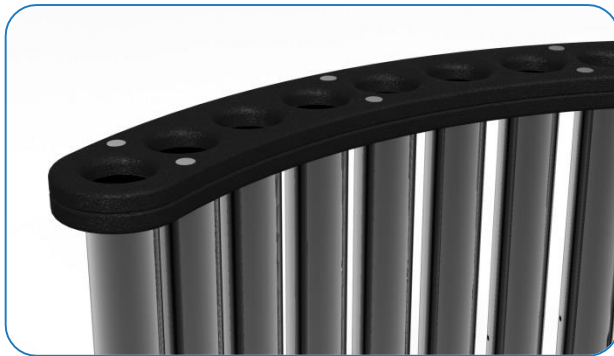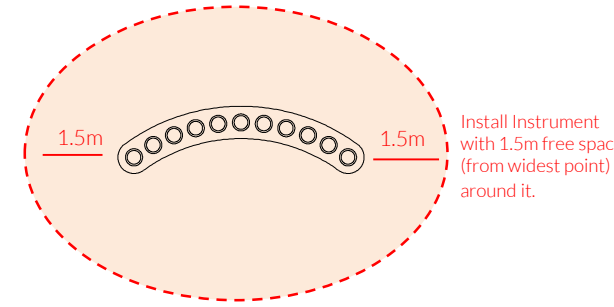250mm/ 10"
400mm/ 16"
905mm/ 35"
1.5m/ 59"

MADE IN BRITAIN
BS EN 1176

Installation Instructions

(1.1)

Weight of heaviest part 20kg (Handpipes)

1. Handpipes will arrive on site assembled, Ground Fixings will need to be installed **(1.1) (See Assembly Guide)**

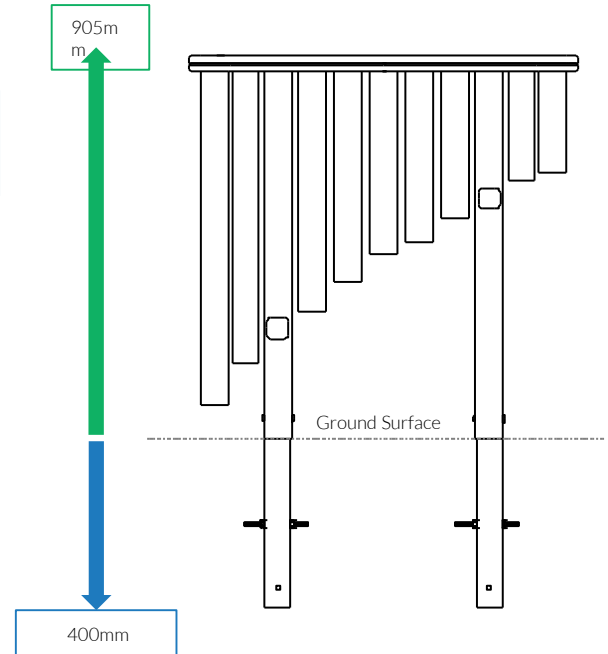**2**. Attach Ground Fixing posts to legs **(See Ground Fix Post Installation Sheet)**

3.Excavate 2 holes for the Steel legs **250mm 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 Instrument, **fill** holes using rapid hardening **concrete**. Be sure to compact concrete around legs and leave to dry according to manufactures guidelines.

1.5m   1.5m

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

905mm

Ground Surface

400mm

Played with hands

Ground Fix Components:

x4 M10x200 Bolt
x8 M10 Nut
x2 M10x60 Security Screw
x2 M10 Barrel Nut

Spares available from percussionplay.com or from your local distributor

25 Kg

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Instrument
Components:

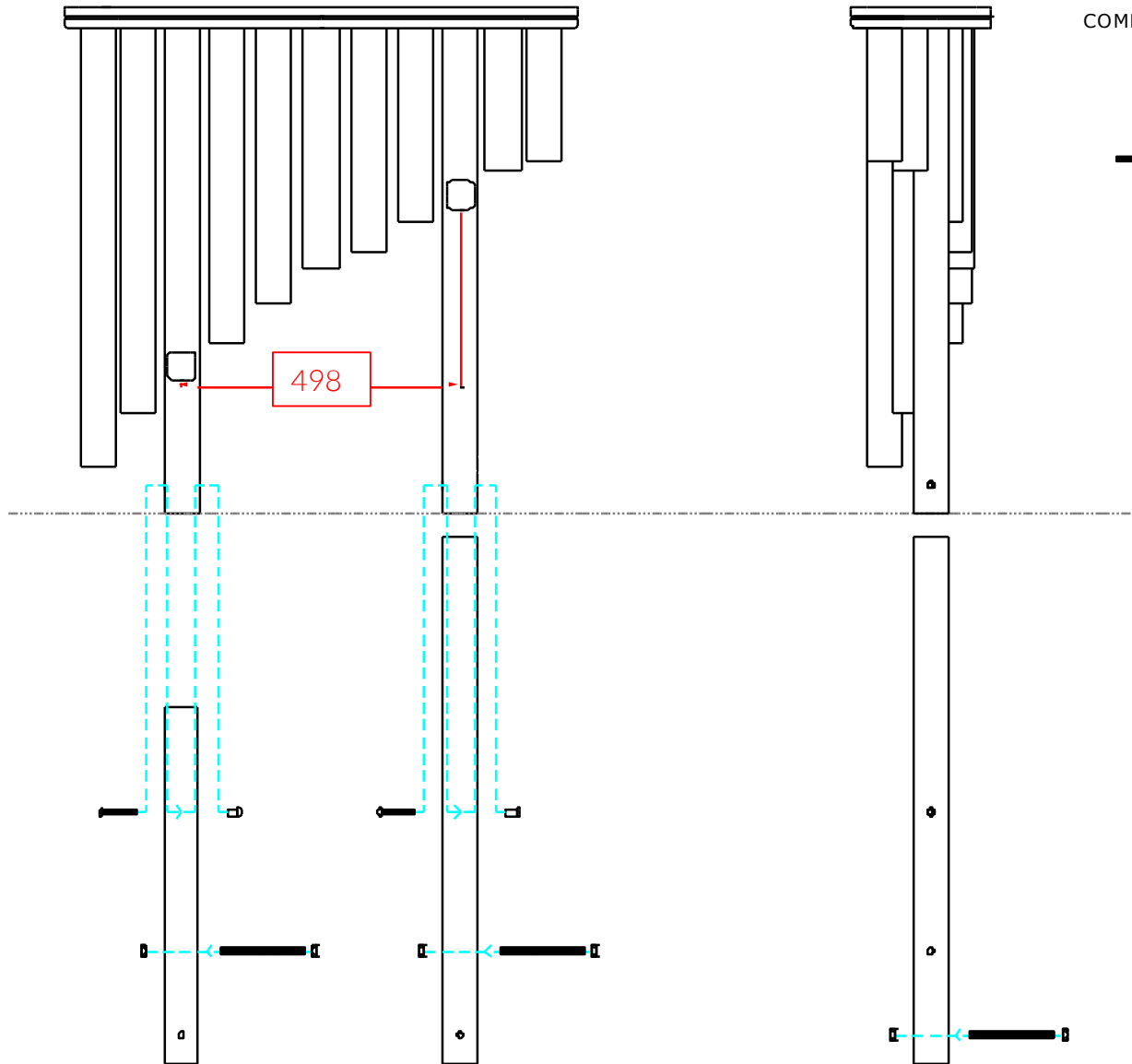Instrument assembled

Thread Lock Solution
Required (Not Supplied)

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COMPONENTS LIST:

M10 Nut X8

M10x200 Threaded Bar X4

M10x60mm Security Screw X2

M10 Barrel Nut X2

498

Played with hands

Ground Fix
Components:

x4 M10x200 Bolt

x8 M10 Nut

x2 M10x60 Security Screw

x2 M10 Barrel Nut

Spares available from percussionplay.com or from your local distributor

25 Kg

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Ground Fix Post Installation

Tools:

x2
TX 45 Driver Bit

1 Insert M10x 200 Threaded bar into pre drilled holes in Ground Fixing Post

2 Fix M10x 200 Threaded bar in place using M10 Nuts

3 Locate the Ground fix Post into the leg of the instrument.

4 Fix instrument to Ground fix post using M10 bolt and Barrel Nut and use **thread locking solution** to prevent fixings working loose.
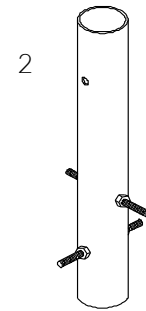
Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 7 of BS EN 1176.

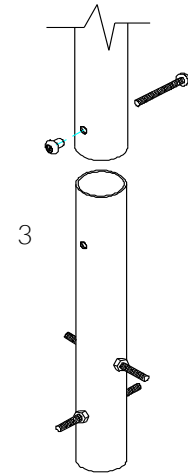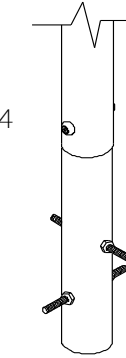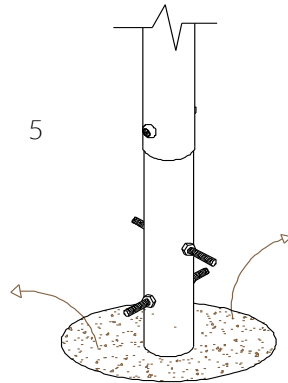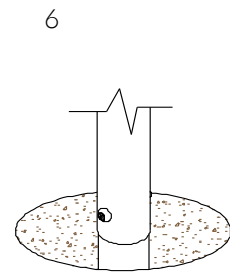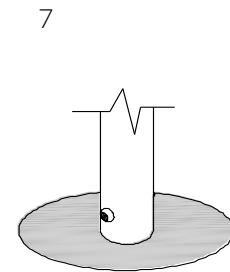**5** Excavate 6 holes with a 250mm diameter tapering down to 350mm diameter and 450mm depth

400mm min depth

6 Compact base of hole with 50mm of aggregate. Lower ground Fix post attached to instrument into hole (check instrument straight and level before filling with concrete)

7 Fill hole with fast drying concrete to manufacturers specifications.

Repeat points 1-7. Handpipes requires 2 Ground Fix Posts

Concrete

Aggregate

250

450

50

350

Components:

x4
M10x200 Bolt

x8
M10 Nut

x2
M10 Barrel Nut

x2
M10x60 Security Screw

Metric Conversion:
50mm/ 2"
250mm/ 10"
350mm/ 14"
400mm/ 16"
450mm/ 18"

MADE IN BRITAIN