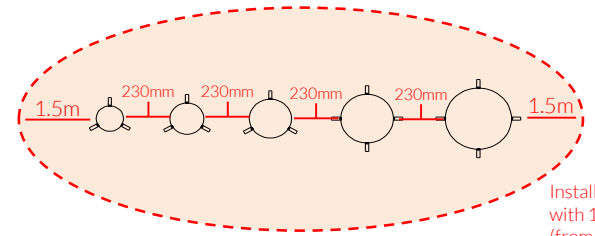


# Installation Instructions



**1. Assemble fixing brackets to base of sambas using M8x25mm security screws and lock washers. (1.1) (See Assembly Guide)**



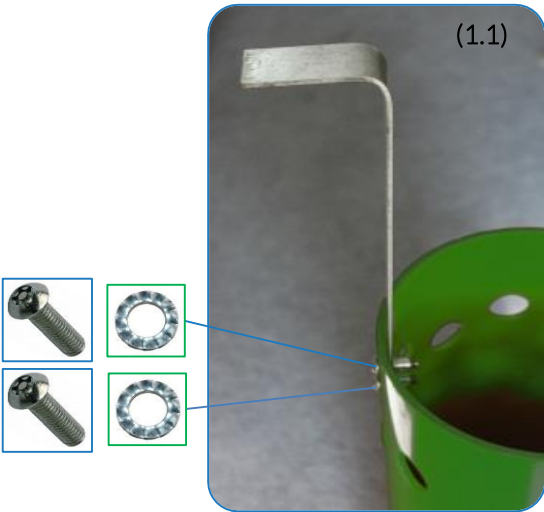
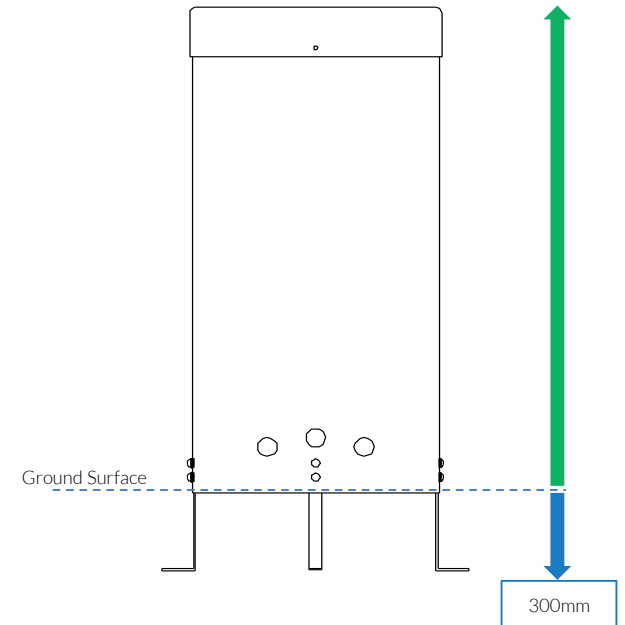
Install Instrument with 1.5m free space (from widest point) around it.

Sambas will arrive on site in pre set heights. In ground fixing depth 300mm for all 5 sambas.

**2. Arrange Sambas with minimum spacing between each drum at 230mm and mark holes for excavation. Each hole should be 80-100mm larger than the drum itself.**

**3. Excavate marked holes to 300mm depth making sure the holes have a level base allow the sambas to sit vertical.**

**4. Once happy with location of the sambas, fill holes using rapid hardening concrete. Be sure to compact concrete around metal brackets and leave to dry according to manufactures guidelines.**



Weight of heaviest part 14.6kg (XL Samba)

Ground Fixed  
Rainbow Sambas  
Page 1 of 4



Instrument Components:

Rainbow Sambas are pre-assembled

Metric Conversion:  
80mm/ 3"  
100mm/ 4"  
230mm/ 9"  
300mm/ 12"  
400mm/ 16"  
450mm/ 18"  
1.5m/ 59"




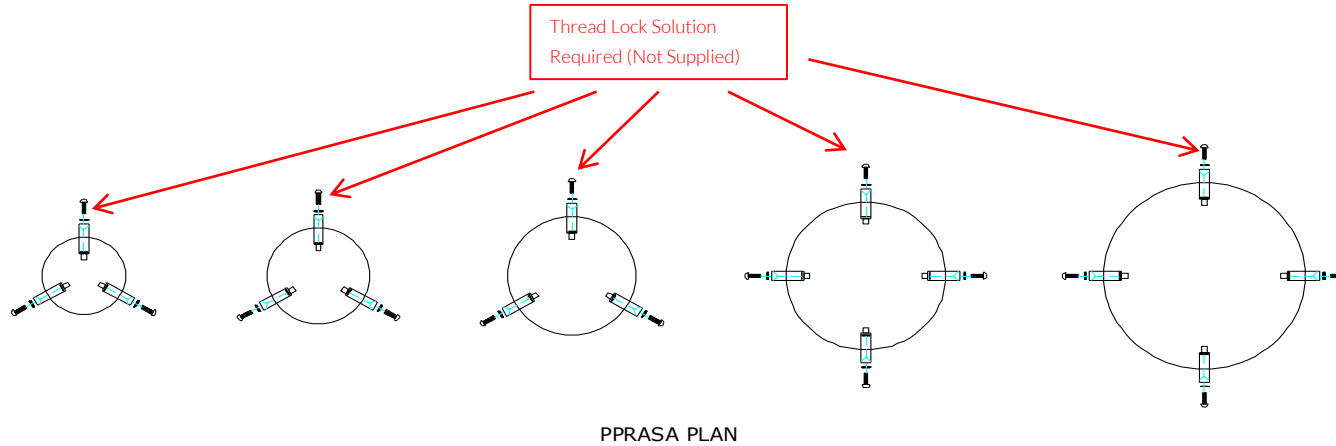
Ground Fix Components:





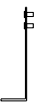
Spares available from [percussionplay.com](http://percussionplay.com) or from your local distributor

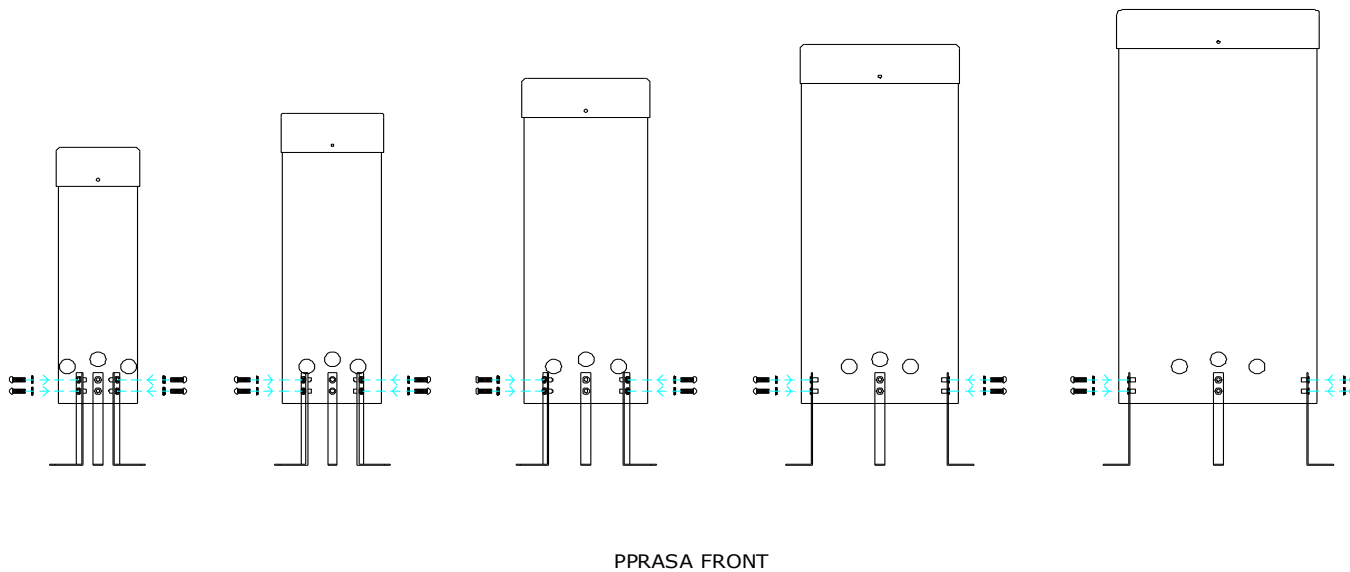
44 Kg

Tools:  
 x1  
 TX 40 Driver Bit



COMPONENTS LIST:

-  M8x25 Pin torx X34
-  M8 Lock washer X34
-  Ground Fix L Bracket X17



Ground Fixed  
 Rainbow Sambas  
 Page 2 of 4



Instrument Components:

Rainbow Sambas are pre-assembled

Thread Lock Solution Required (Not Supplied)



Ground Fix Components:



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

44 Kg

# Ground Fix Installation

**Tools:**



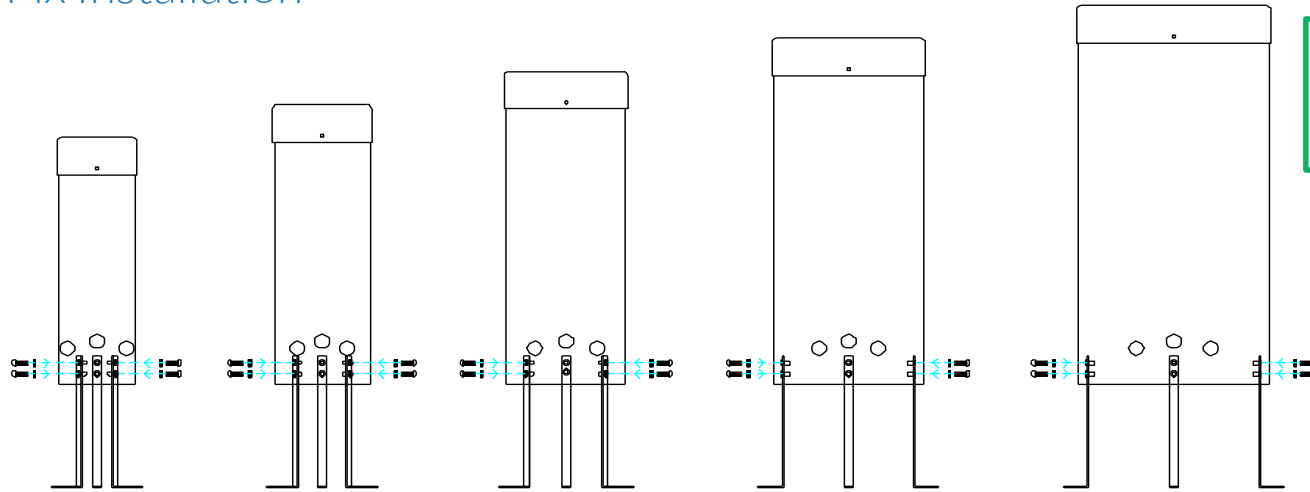
x1  
TX 40 Driver Bit

## Ground Fixed Rainbow Sambas Page 3 of 4



1

Attach L- Brackets to base of each drum using M8x25 Bolts and lock washers provided.

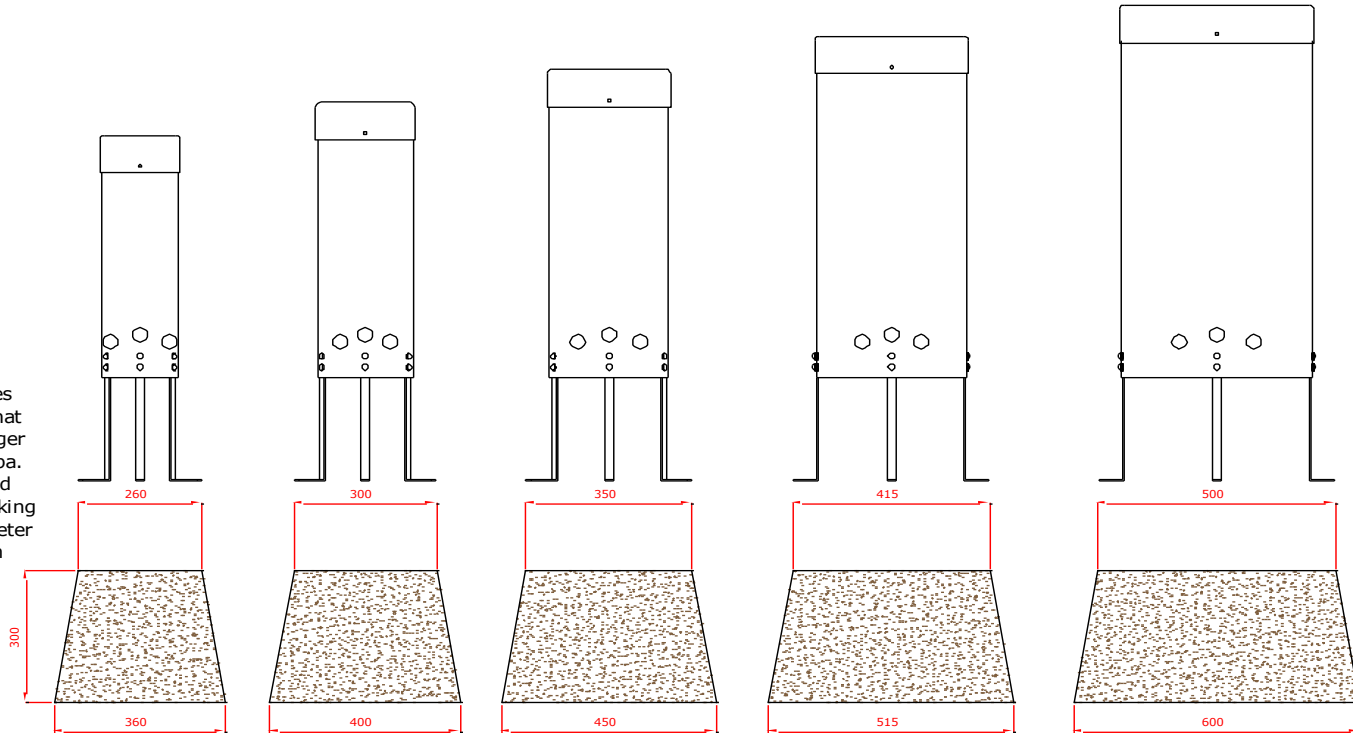


### Components:

-  x17  
M8x25mm Pin Torx
-  x34  
M8 Lock Washer
-  x17  
L Brackets

2

Excavate 5 holes 300mm deep that are 100mm larger than each samba. Each hole should taper down making the base diameter at least 100mm larger than the surface hole



# Ground Fix Installation

## Ground Fixed

Rainbow Samba  
Page 4 of 4



### Components:



#### Metric Conversion:

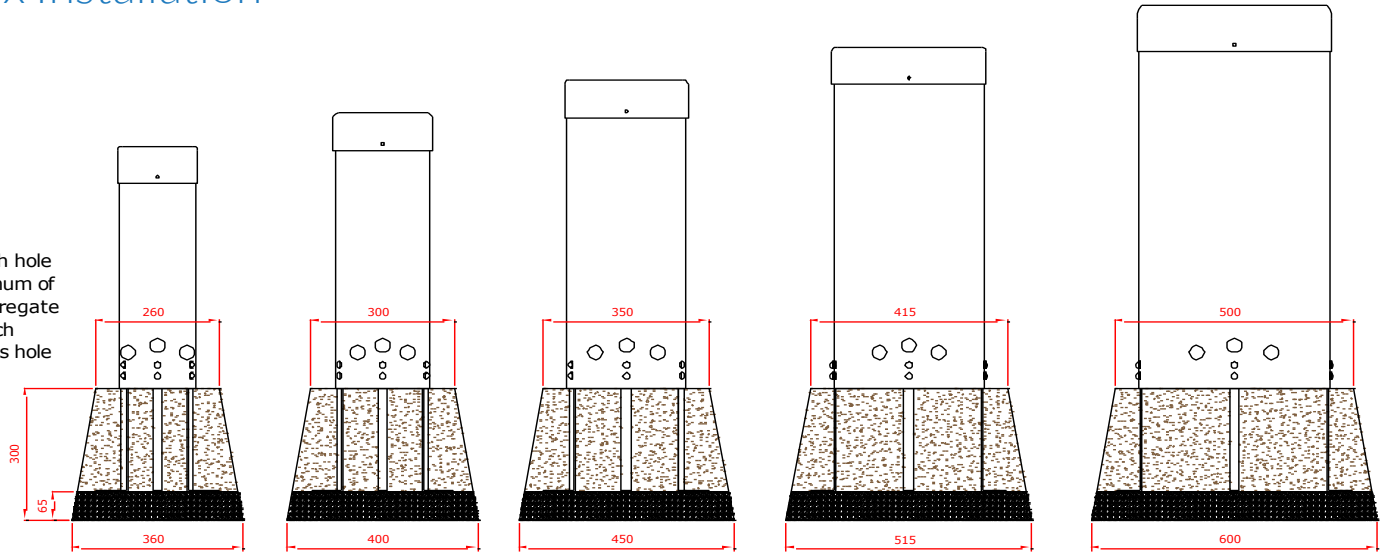
- 65mm/ 3"
- 250mm/ 8"
- 300mm/ 12"
- 350mm/ 14"
- 415mm/ 16"
- 450mm/ 18"
- 500mm/ 20"
- 515mm/ 20"
- 600mm/ 24"



BS EN 1176

3

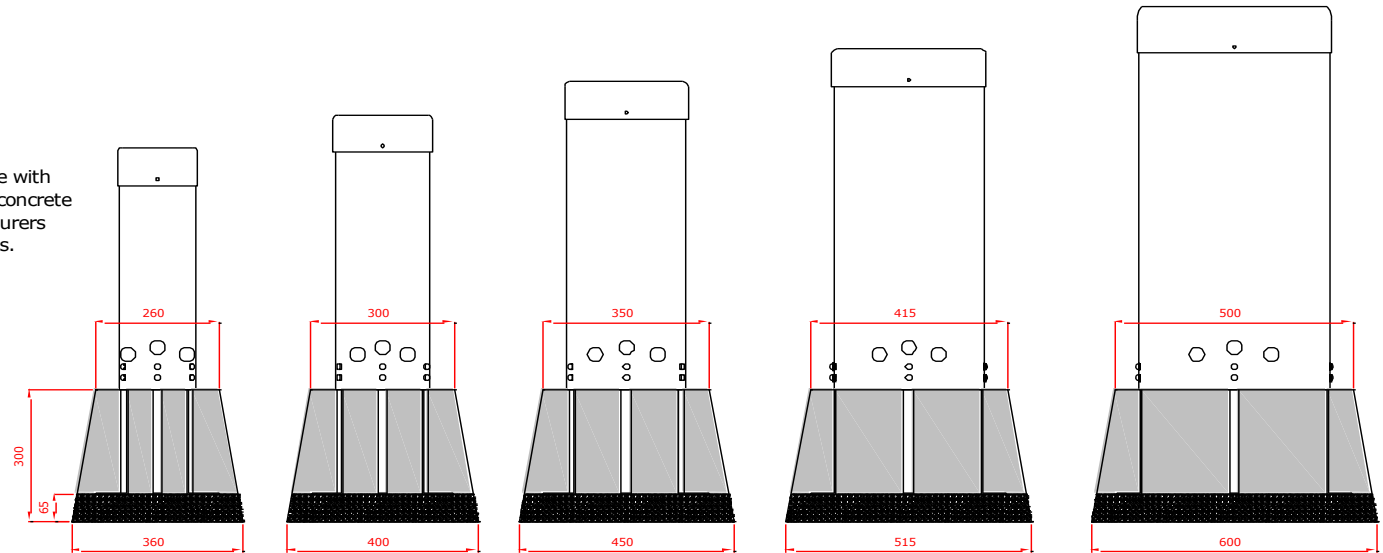
Compact each hole with a maximum of 65mm of aggregate and lower each samba into its hole



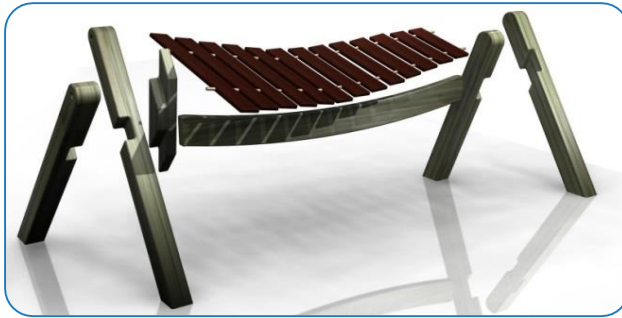
Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 7 of BS EN 1176.

4

Fill each hole with fast drying concrete to manufacturers specifications.



# Installation Instructions



**1. Assemble Akadinda frame** comprising 2x 'X'-shaped legs and 1x horizontal beam. (See **Assembly Guide**). Cover 8 holes on horizontal beam using **4x30mm caps** (1.1)

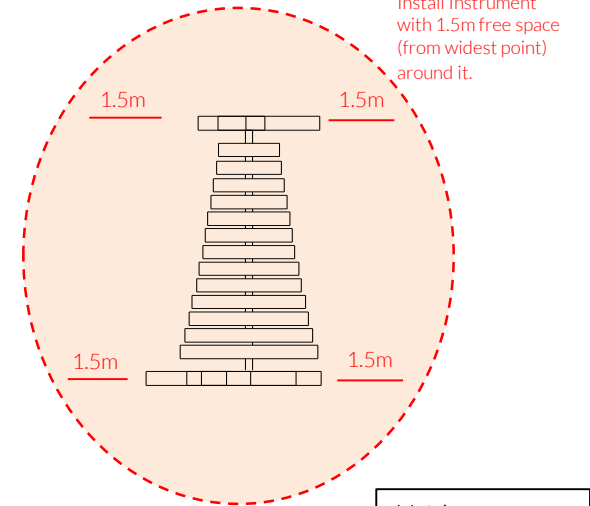


**2. Locate M8x80mm eye bolts** through pre drilled holes using flat washers on both sides of the timber to prevent the fixing pulling into the timber. Secure in place with **M8 nyloc nuts**, cover 4 holes in ends using **4x30mm caps**. (1.3)

**3. Place Akadinda in desired location** and **mark 4 holes for excavation**.

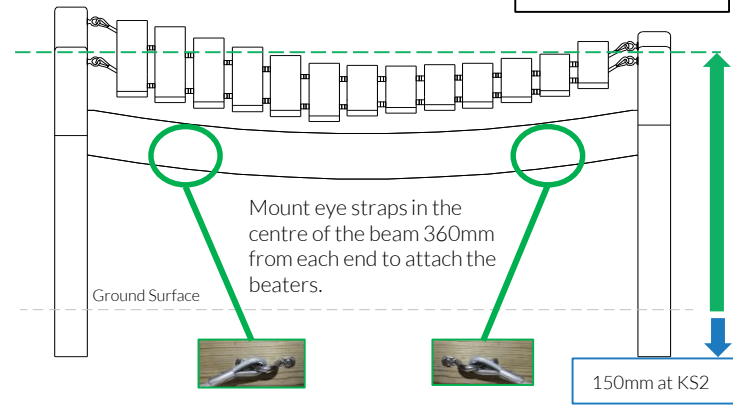
**4. Excavate** holes to min depth **150mm** according to required height for intended players. Hole depth guide below.

**5. Locate legs in holes** and check levels prior to concreting in place. Once happy with location and levels, **fill holes using rapid hardening concrete**. Leave to dry according to manufactures guidelines.



Metric Conversion:	
150mm	6"
250mm	10"
360mm	14"
400mm	16"
500mm	20"
650mm	26"
750mm	30"
900mm	35"
1.5m	59"

Height to centre of notes:  
**KS0** 3-5 500mm Depth 400mm  
**KS1** 5-7 650mm Depth 250mm  
**KS2** 7-11 750mm Depth 150mm  
**Adult** 900mm Surface Mounted

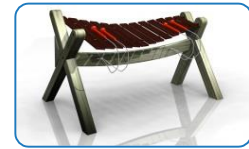


Weight of heaviest part **28kg** (Frame)



Pair Large Red Beaters X2

Ground Fixed  
Akadinda  
Page 1 of 2



Instrument Components:

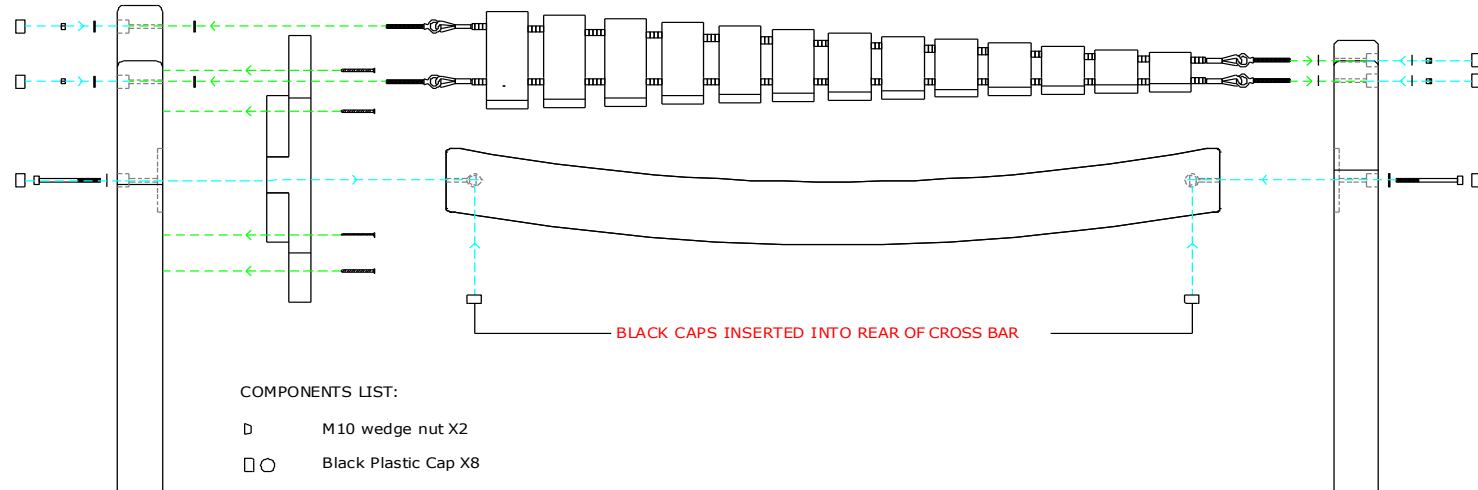
-  M10 Wedge Nut X2
-  M10x30 SS Washer X2
-  M8x25 SS Washer X8
-  Eye Straps X2
-  M8 Lock Nut X4
-  10x38mm Secure Screw X4
-  M10x130 Bolt X2
-  5x70mm Screw X4
-  Black Caps X8








# Assembly Guide PPAKAD

**Tools:**



x1  
TX 25 Driver Bit



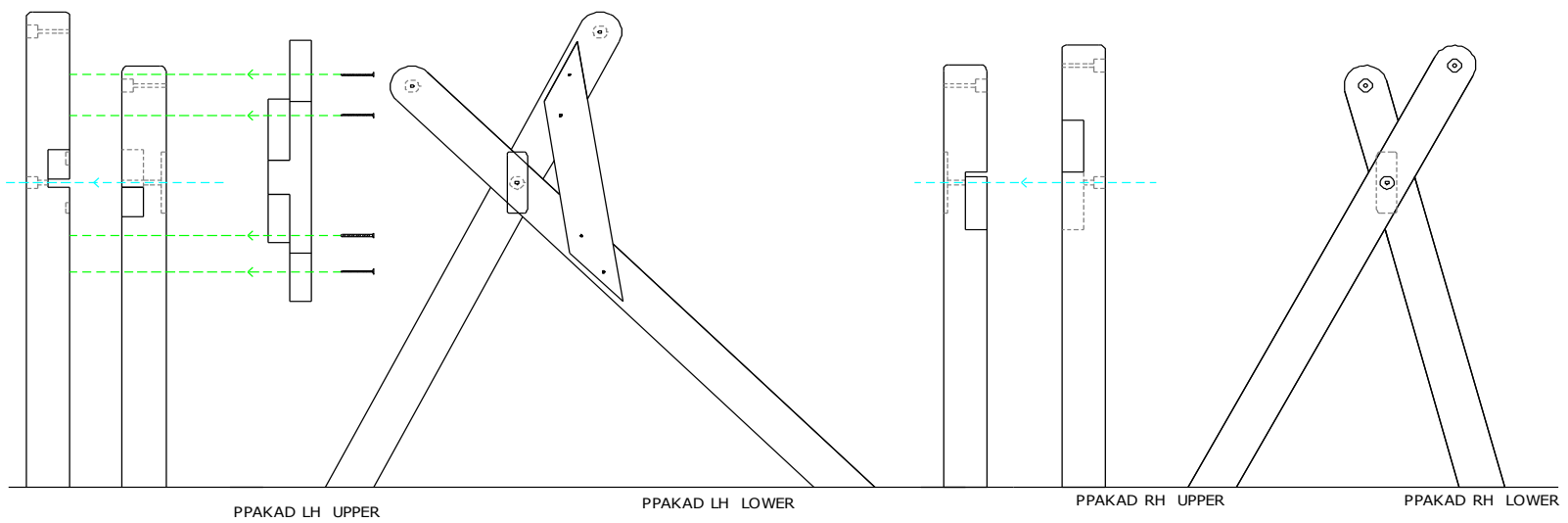
- COMPONENTS LIST:**
-  M10 wedge nut X2
  -  Black Plastic Cap X8
  -  M10x130 Bolt X2
  -  M10x30 washer X2
  -  M8x25 washer X8
  -  5x70 screw X4
  -  M8 Nyloc nut X4

**Ground Fixed**  
Akadinda  
Page 2 of 2



**Instrument Components:**

-  M10 Wedge Nut X2
-  M10x30 SS Washer X2
-  M8x25 SS Washer X8
-  Eye Straps X2
-  M8 Lock Nut X4
-  5x40mm Secure Screw X4
-  M10x130 Bolt X2
-  5x70mm Screw X4
-  Black Caps X8




Pair Large Red Beaters X2

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

48 Kg



# Installation Instructions



1. Attach the steel legs to the base of the instrument with the M8 Nyloc Nuts and 2 part security caps. **(1.1)** (See Assembly Guide)

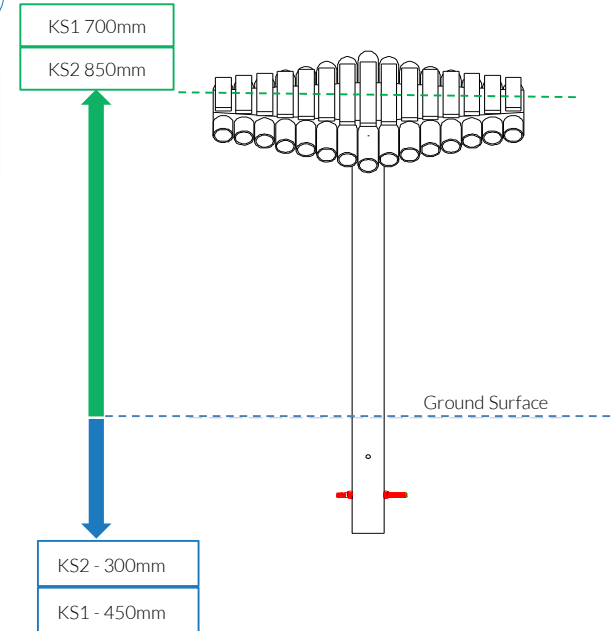
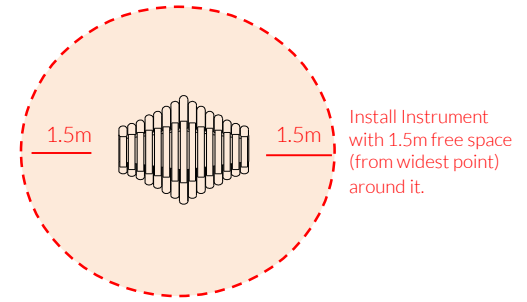
2. Attach Ground Fixing posts to legs **(1.2)** (See Ground Fix Post Installation Sheet)

3. Excavate 1 hole for the Steel legs **250mm diameter by 350-500mm deep** depending on Key stage, 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.

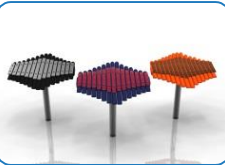
6. Attach the 1 pair of beater to the saddle strap on the leg. **(1.3)**



Weight of heaviest part **10.5kg** (Sansa Rimba)

## Ground Fixed

Sansa-Rimba  
Page 1 of 3

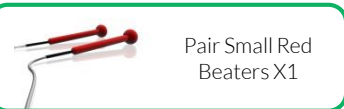


## Instrument Components:

-  x4  
M8 Nyloc Nut
-  x2  
M6x20 Security Screw
-  x4  
2 Part Cover Cap
-  x1  
M6 Saddle Strap

Metric Conversion:

250mm	/	10"
300mm	/	12"
450mm	/	18"
700mm	/	28"
850mm	/	33"
1.5m	/	59"





Ground Fix Components:



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

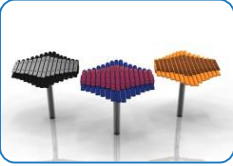
**19.5 Kg**

Tools:

 x1
  x1

## Ground Fixed

Sansa-Rimba  
Page 2 of 3

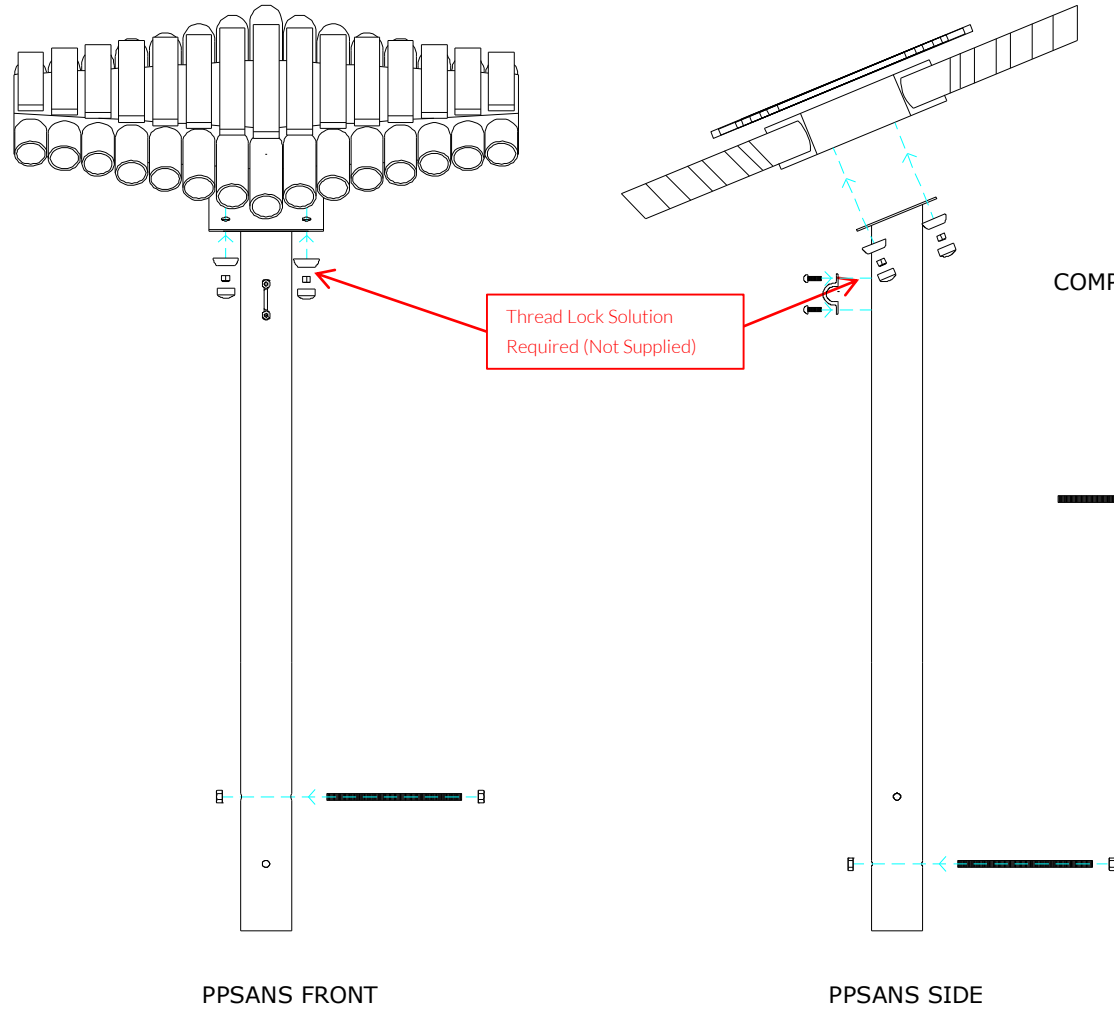


### Instrument Components:







-  x4  
M8 Nyloc Nut
-  x2  
M6x20 Security Screw
-  x4  
2 Part Cover Cap
-  x1  
M6 Saddle Strap


M6 Saddle Strap

Thread Lock Solution  
Required (Not Supplied)



### COMPONENTS LIST:

-  2 Part Cover Cap X4
-  M8 Nyloc nut X4
-  M10 Nut X4
-  M10x200 Threaded Bar X2
-  Saddle Strap X1
-  M6x20 Pin torx X2



Pair Small Red Beaters X1

### Ground Fix Components:

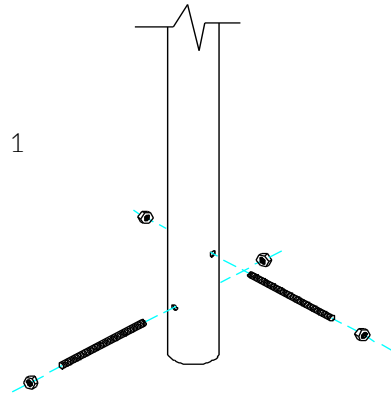
-  x2  
M10x200 Bolt
-  x4  
M10 Nut

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

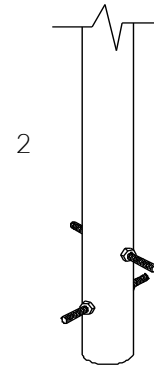
19.5 Kg



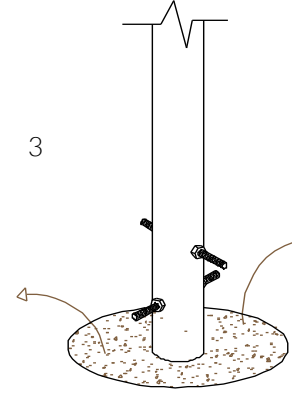
# Ground Fix Post Installation



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

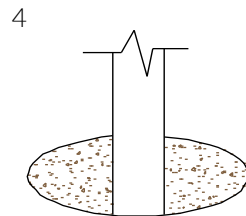


2  
Fix M10x 200 Threaded bar in place using M10 Nuts



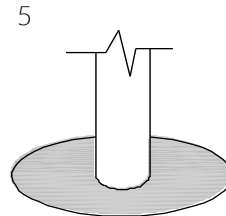
3  
Excavate a hole with a 250mm diameter tapering down to 350mm diameter and 350mm depth

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.

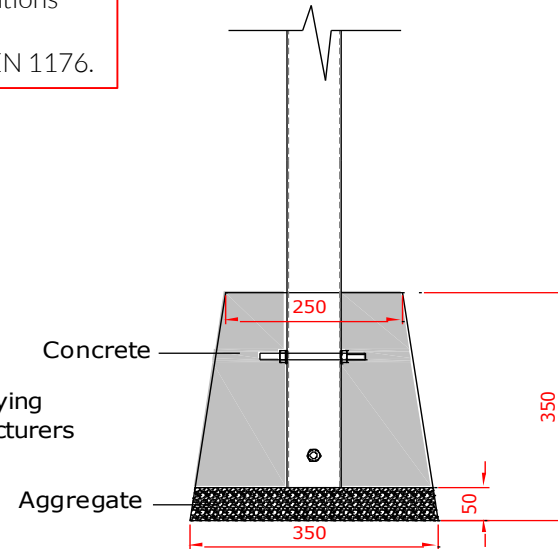


4  
Compact base of hole with 50mm of aggregate. Lower ground Fix post attached of instrument into hole (check instrument straight and level before filling with concrete)

300mm min depth



5  
Fill hole with fast drying concrete to manufacturers specifications.



## Ground Fixed

Sansa-Rimba  
Page 3 of 3



### Components:

-  x2  
M10x200 Bolt
-  x4  
M10 Nut

### Metric Conversion:

- 50mm/ 2"
- 250mm/ 10"
- 300mm/ 12"
- 350mm/ 14"
- 400mm/ 16"
- 450mm/ 18"



**MADE IN BRITAIN**

BS EN 1176

# Installation Instructions

## Ground Fixed

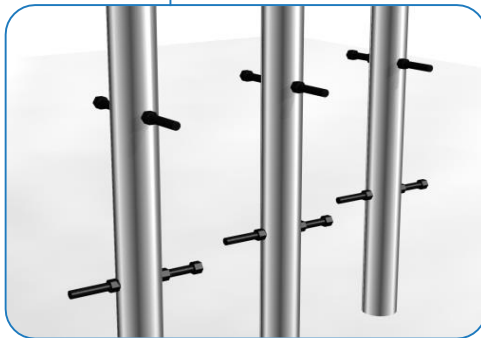
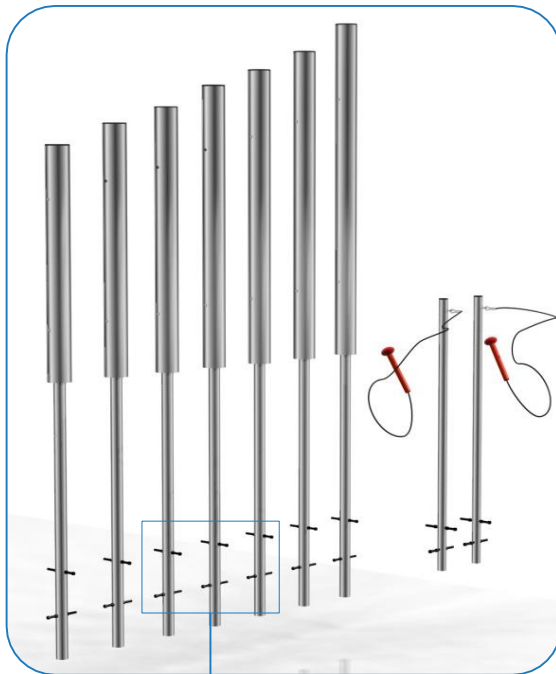
Tubular Bells  
Page 1 of 2



Instrument Components:

Tubular Bells are pre-assembled

Metric Conversion:  
250mm/ 10"  
400mm/ 16"  
600mm/ 24"  
1.5m/ 59"  
2207mm/ 98"



Weight of heaviest part **10kg** (XXL Bell)

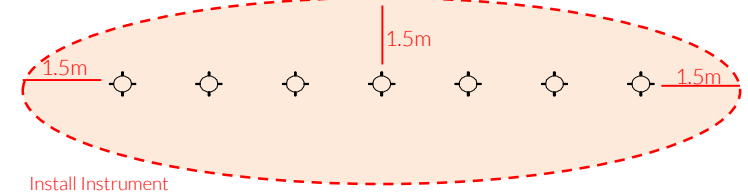
**1. Using M10 nuts and 150mm bolts** supplied locate through pre drilled holes and secure bolts in place to support in ground pole in concrete. **2 bolts per leg** at 90 degree angles

**2. Excavate 7 holes** for Tubular Bells **250mm diameter** by **600mm deep**. **2 further holes** will be needed for the beater poles according to layout of Bells at **250mm diameter** and **400mm deep**.

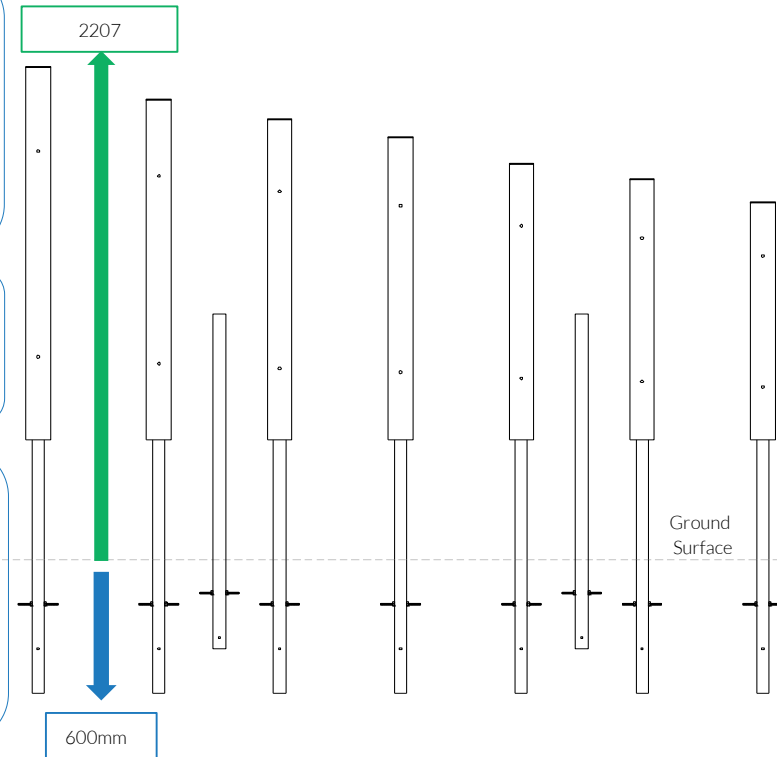
**3. Locate (lower) legs** into holes making sure they are vertical and level prior to concreting in place

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

In ground fixing always **600mm** for each chime and **400mm** for beater poles

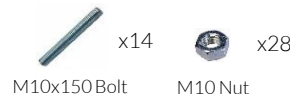


Install Instrument with 1.5m free space (from widest point) around it.



Pair Large Red Beaters X1

Ground Fix Components:

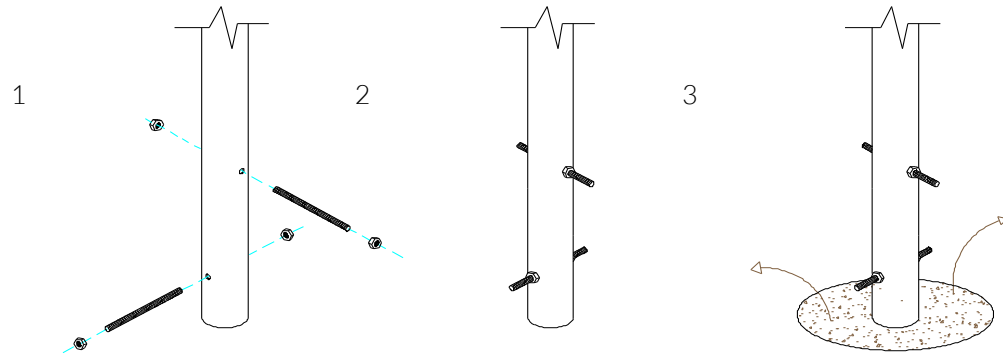


M10x150 Bolt x14 M10 Nut x28

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

59 Kg

# Ground Fix Post Installation

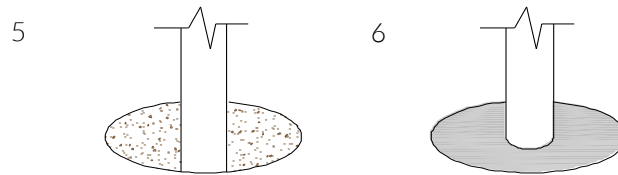


1 Insert M10x 150 Threaded bar into pre drilled holes in Ground Fixing Post

2 Fix M10x 150 Threaded bar in place using M10 Nuts

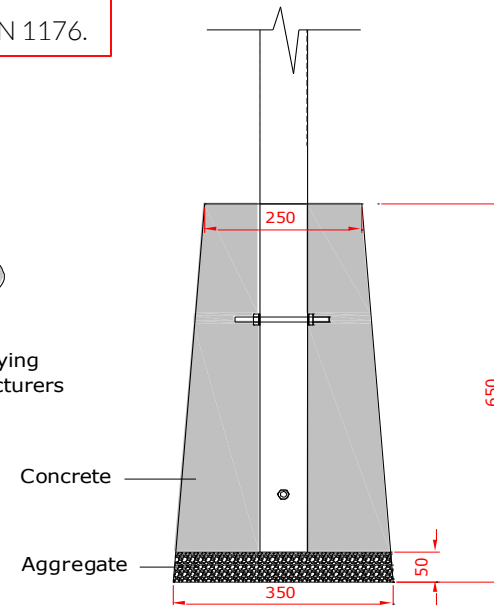
3 Excavate 7 holes with a 250mm diameter tapering down to 350mm diameter and 650mm depth

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 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)

6 Fix hole with fast drying concrete to manufacturers specifications.



600mm max depth 7x Tubular Bells  
400mm max depth 2X Beater Poles

## Ground Fixed

Tubular Bells  
Page 2 of 2



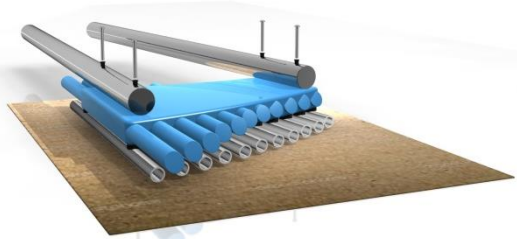
## Components:

-  x14  
M10x200 Threaded Bar
-  x28  
M10 BZP Nut

Metric Conversion:  
50mm/ 2"  
250mm/ 10"  
350mm/ 14"  
400mm/ 16"  
450mm/ 18"  
600mm/ 24"  
650mm/ 26"



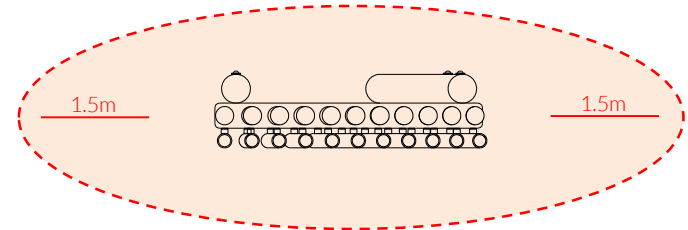
# Installation Instructions



**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.



## Ground Fixed

Cherub  
Page 1 of 3



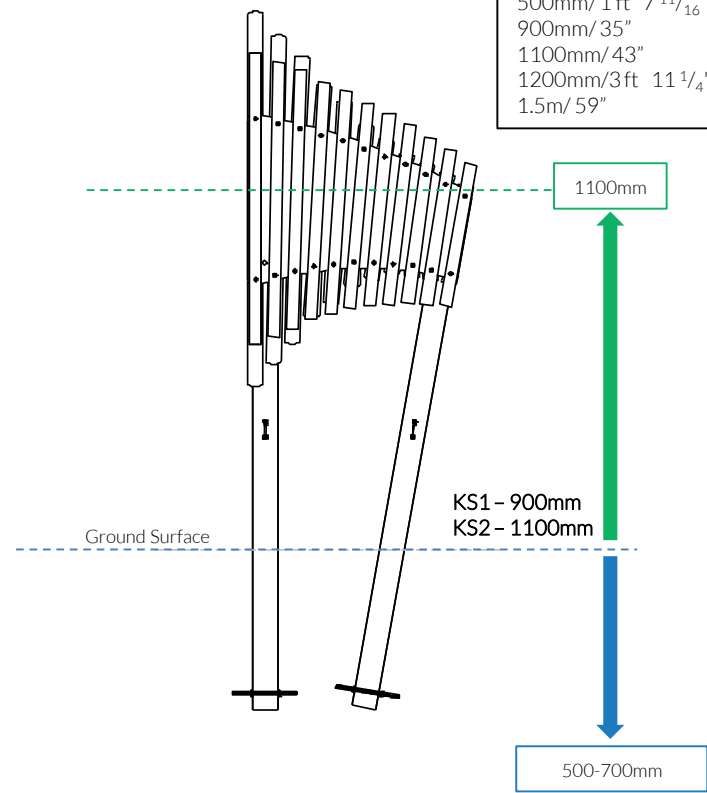
**2.**(See ground fix sheet)**Excavate a hole** on site of installation minimum **500mm deep** ( adjust depth according to age range for intended players)

**3. Carefully raise the instrument** from the ground with legs attached and locate (lower) legs **into hole on 5 degree angle** 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	/ 1ft 7 11/16"
900mm	/ 35"
1100mm	/ 43"
1200mm	/ 3ft 11 1/4"
1.5m	/ 59"



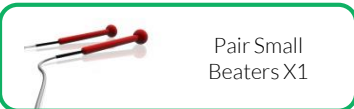
## Components:

- x4  
M10x100 Security Screw
- x2  
Eye Straps
- x4  
M6x20mm Secure Screw



Weight of heaviest part 15kg

Thread Lock Solution Required (Not Supplied)





Ground Fix Components:

- x4  
M10x200 Threaded Bar
- x8  
M10 Nut

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

22 Kg

Tools:

 x1  
 x1

## Ground Fixed

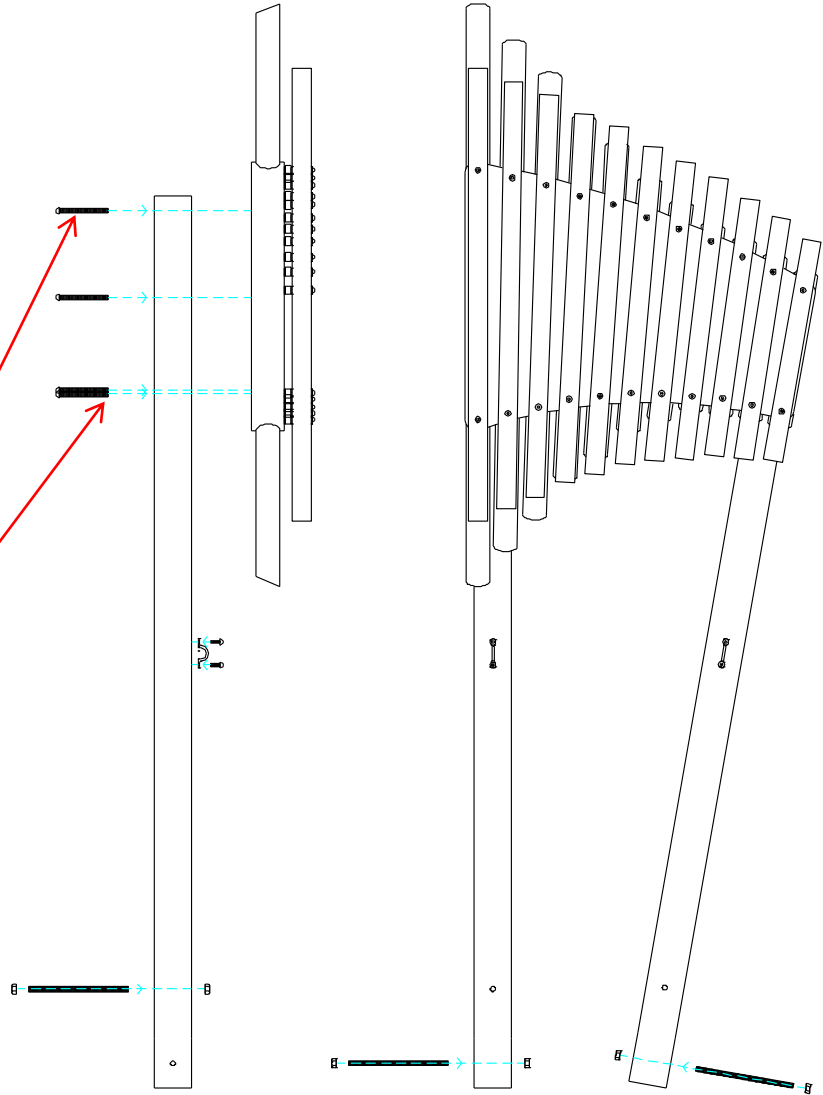
Cherub  
Page 2 of 3








### Components:




Thread Lock Solution  
Required (Not Supplied)




### COMPONENTS LIST:

-  Saddle Strap X2
-  M6x20 Pin torx X4
-  M10x100 Pin torx X4
-  M10 Nut X8
-  M10x200 Threaded Bar X4

Thread Lock Solution  
Required (Not Supplied)

 Pair Small Beaters X1

Ground Fix  
Components:

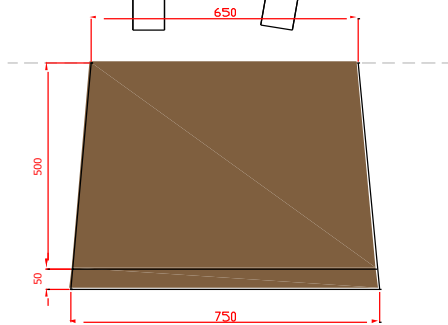
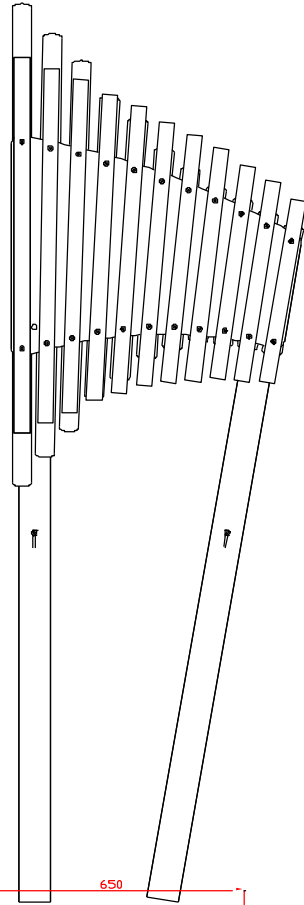
 x4  
 x8  
M10x200 Threaded Bar M10 Nut

# 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

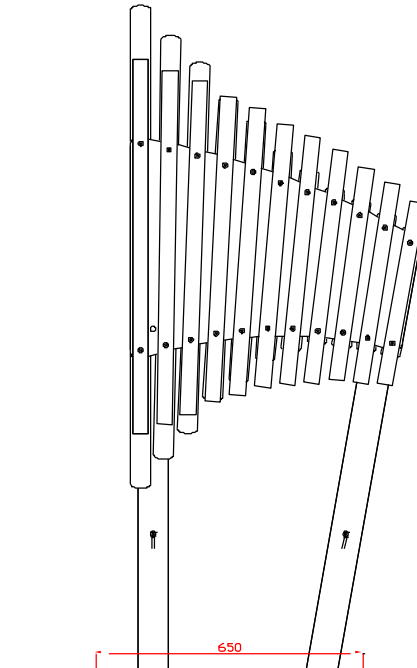
Cherub  
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1

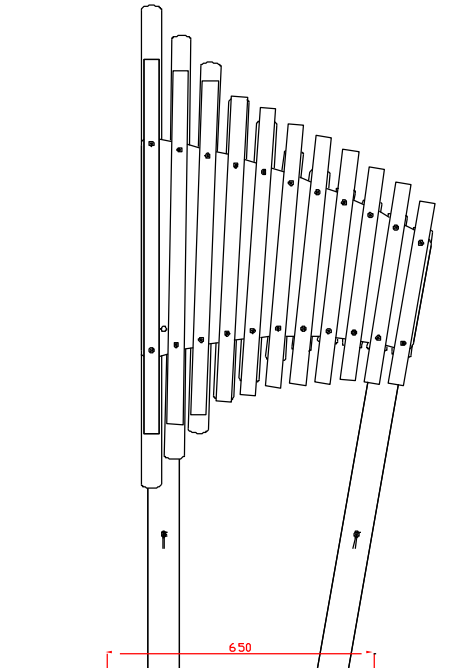
Excavate a hole with a 250x650mm tapering down to 350x750mm diameter and 550mm depth

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 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"  
500mm/ 1 ft 7 11/16"  
650mm/ 2 ft 1 19/32"

