

Installation Instructions

Ground Fixed

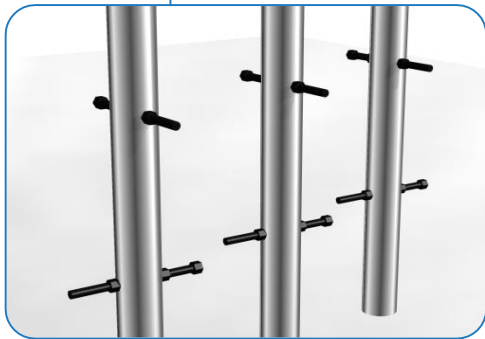
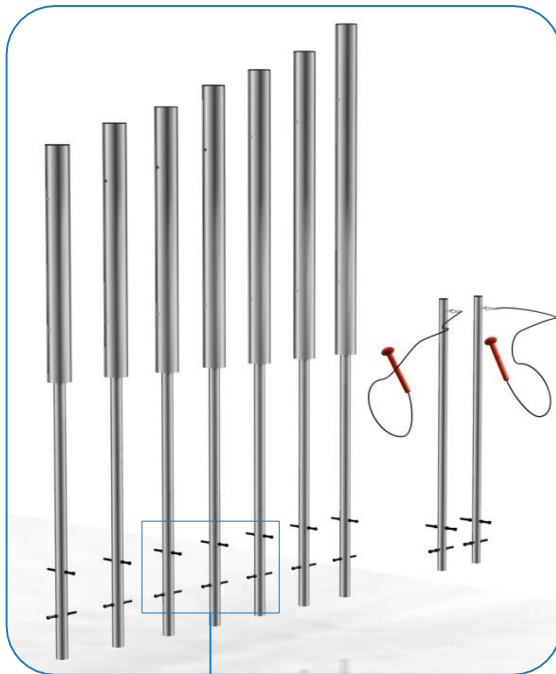
Tubular Bells
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Instrument Components:

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)

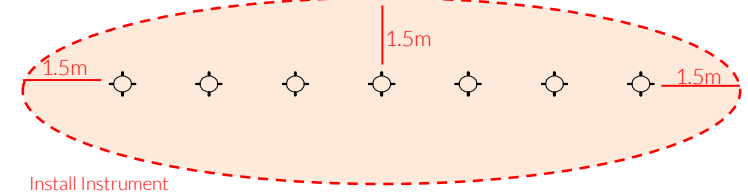
1. Using M10 nuts and 150mm bolts supplied locate through pre drilled holes and secure bolts in place to support in ground pole in concrete. **2 bolts per leg** at 90 degree angles

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.

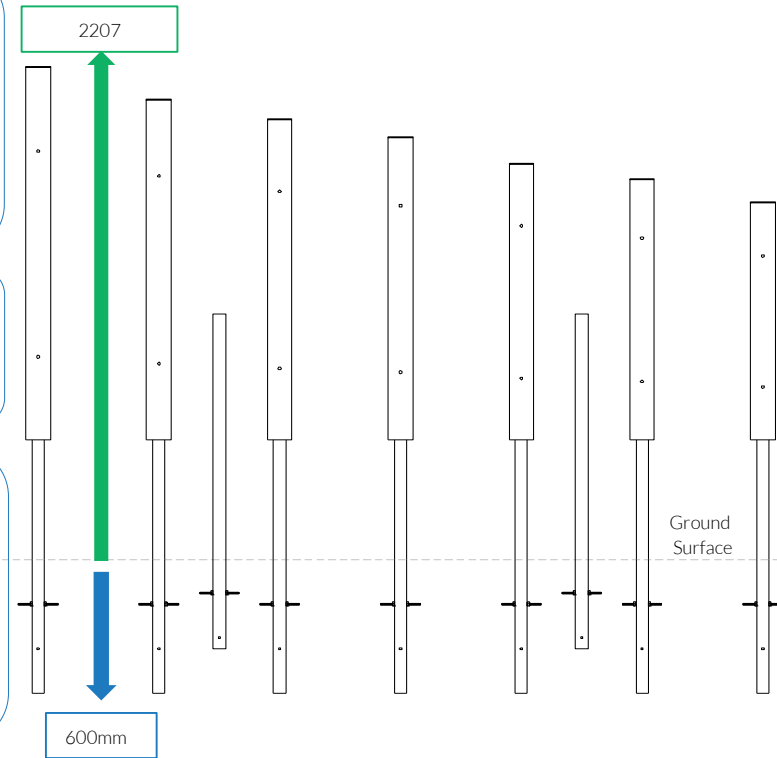
3. Locate (lower) legs into holes making sure they are vertical and level prior to concreting in place

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

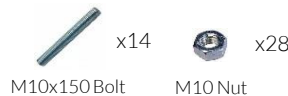
In ground fixing always 600mm for each chime and 400mm for beater poles



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



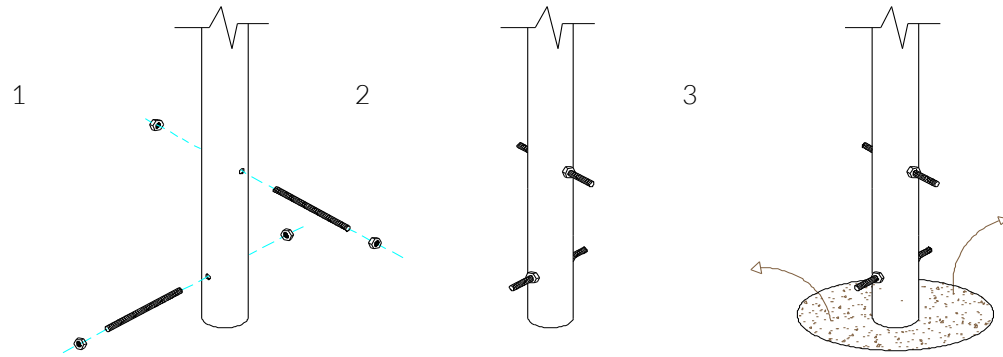
Ground Fix Components:



Spares available from percussionplay.com or from your local distributor

59 Kg

Ground Fix Post Installation

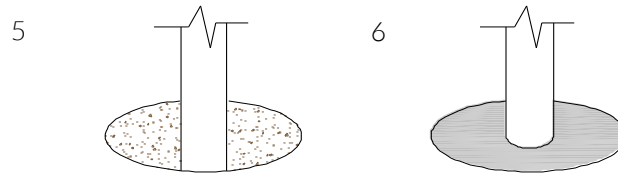


1 Insert M10x 150 Threaded bar into pre drilled holes in Ground Fixing Post

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

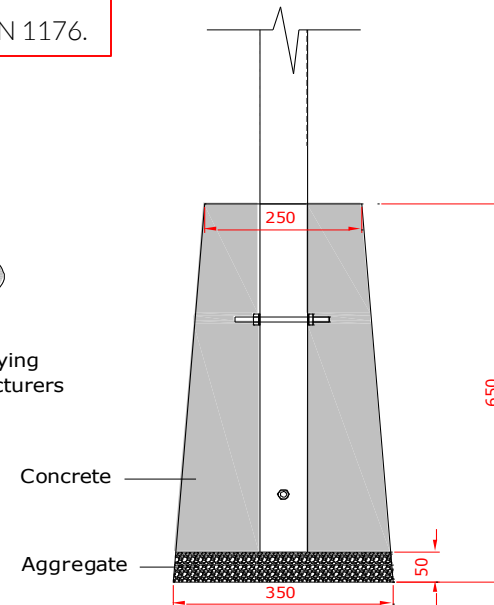
Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 7 of BS EN 1176.



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
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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"

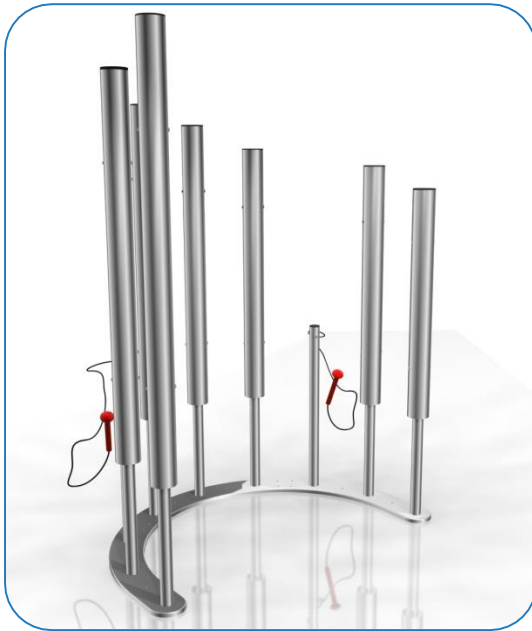


Installation Instructions

Tubular Bells will arrive on site pre assembled

Surface Fixed

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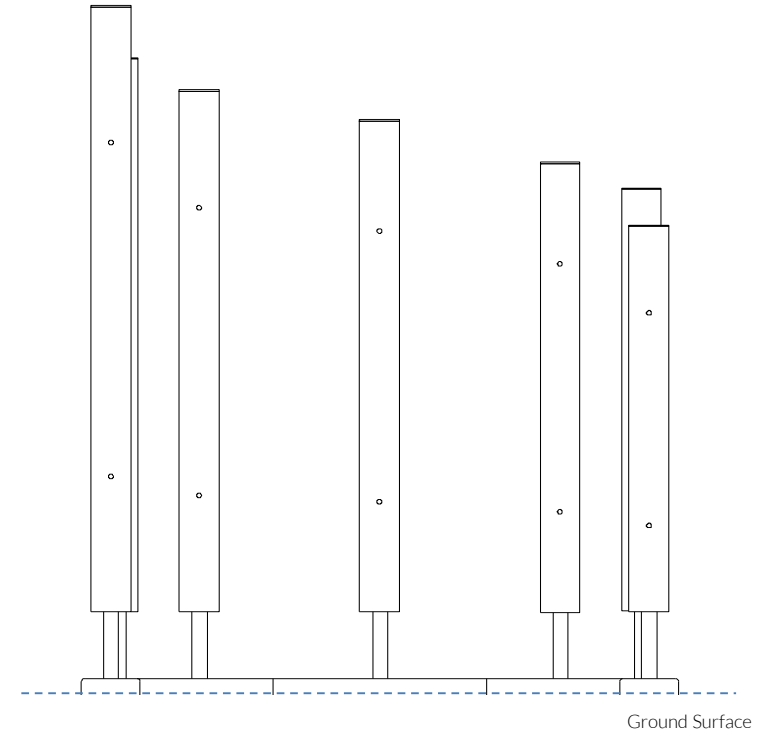


1. Locate Base in desired location before attaching the bells. Fix lower sections to surface using pre drilled holes provided. (**Surface Anchors Not supplied**) Recommended M10 Female Rawl Bolts or chemical anchors

2. Assemble Upper 3 Base sections using M8 x 16 mm CSK screws provided **(1.1)**

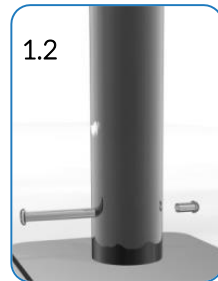
3. Using the M10x 40 screw and Barrel Nuts to attach each of the 9 legs to the base **(1.2)**

4. Make sure that all fixings are tightly secured and thread locking solution used if required.



Instrument Components:

Tubular Bells are pre-assembled




Weight of heaviest part **30kg** (ALU Base)



Pair Large Red Beaters X1

Surface Fix Components:

 x9

 x9

 x34

Tools:

 x2
TX 45 Driver Bit

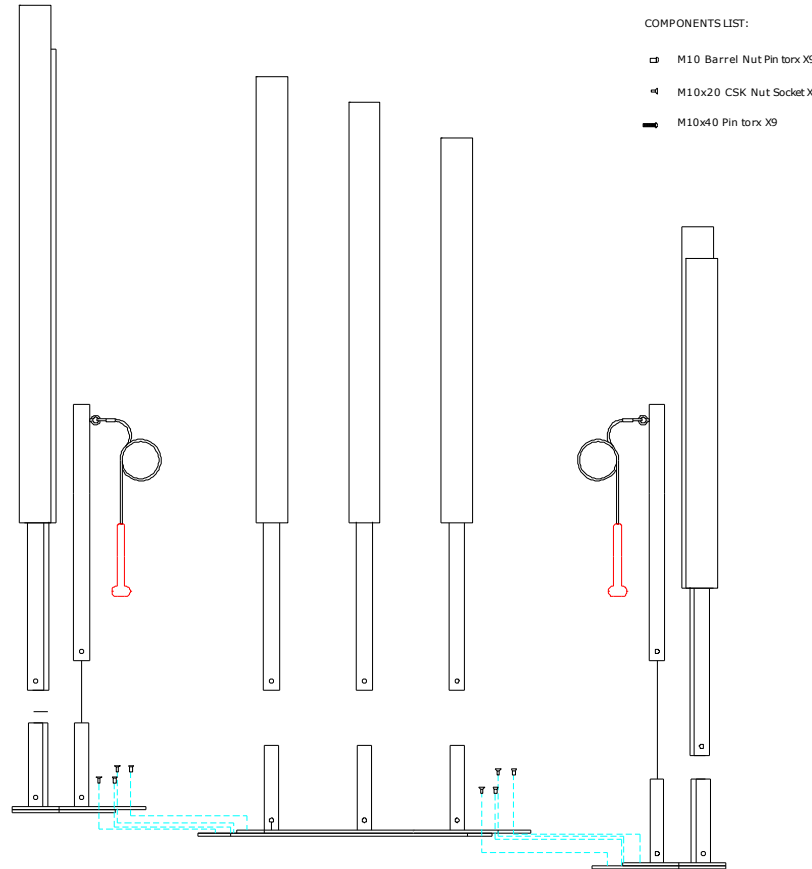
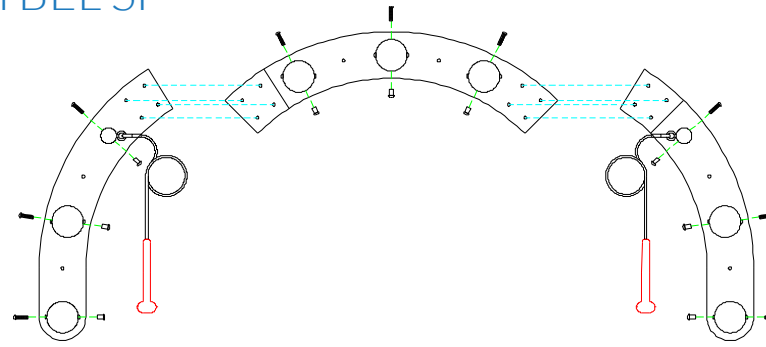
Surface Fixed

Tubular Bells
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Instrument Components:


Tubular Bells Are Pre-assembled



 Pair Large Red Beaters X1

Surface Fix Components:

 x9
M10x40 Security Screw

 x9
M10 Barrel Nut

 x8
M10x16 CSK Security Screw

Tools:
 x2
 TX 45 Driver Bit

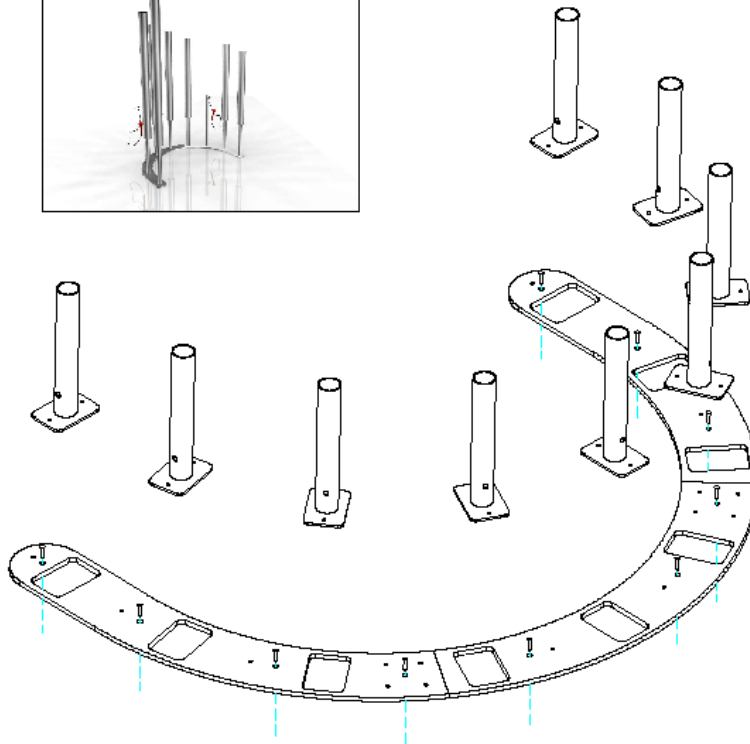
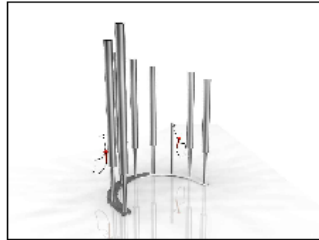
Surface Fixed

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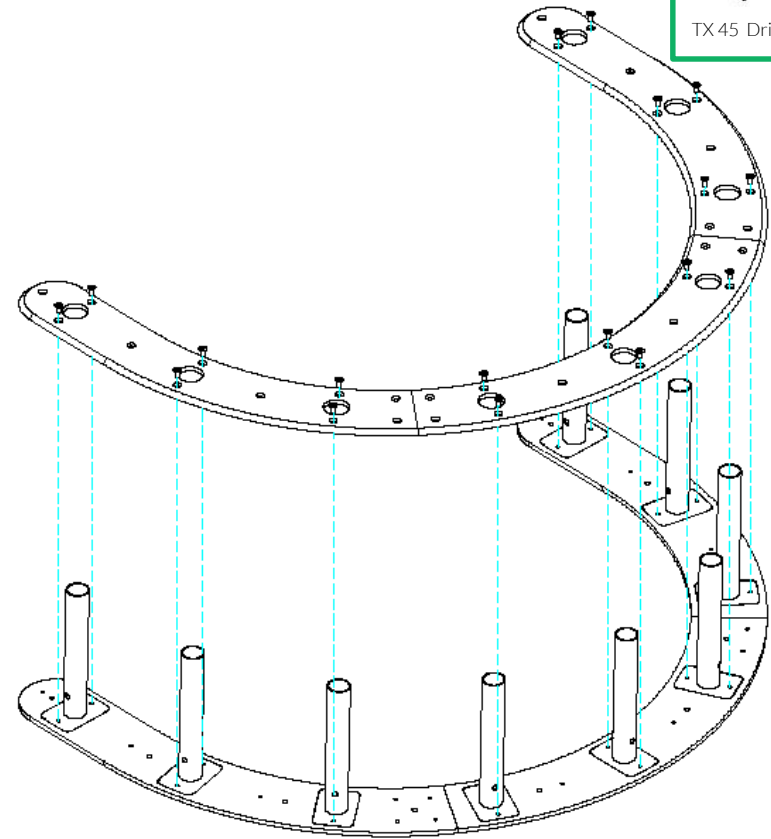


Instrument
Components:

Tubular Bells
Are Pre-
assembled



Mount this section of each base to the deck **Deck Anchors Not provided** using pre drilled holes




Insert instrument plates with stanchions and attach with CSK M8x16mm Screws provided



Surface Fix
Components:

 x9
M10x40 Security Screw

 x9
M10 Barrel Nut

 x34
M8x16 CSK Security Screw

Tools:



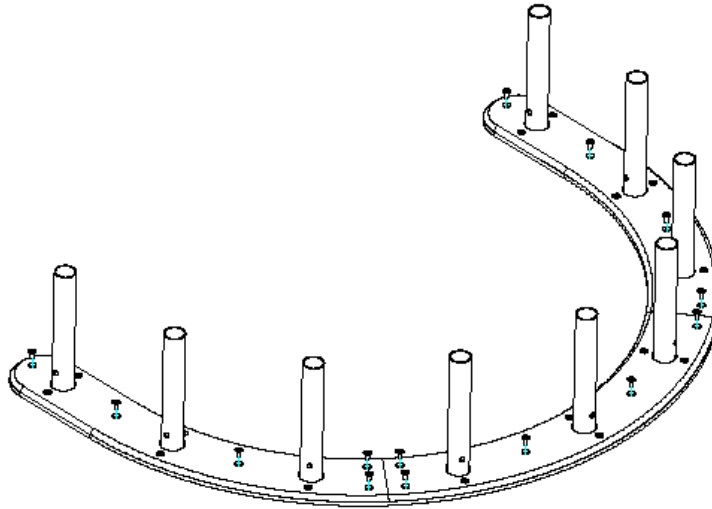
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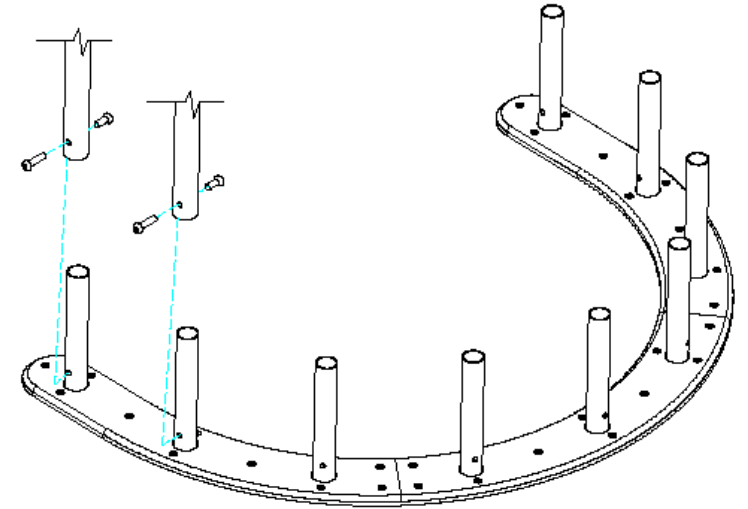


Instrument Components:

Tubular Bells Are Pre-assembled



Join the upper and lower base sections with CSK M8x16mm Screws provided




Lower Instrument over the stanchions and attach with fixings provided **(see surface fix installation instructions)**



Pair Large Red Beaters X1

Surface Fix Components:

 x9
M10x40 Security Screw

 x9
M10 Barrel Nut

 x34
M8x16 CSK Security Screw

Installation Instructions

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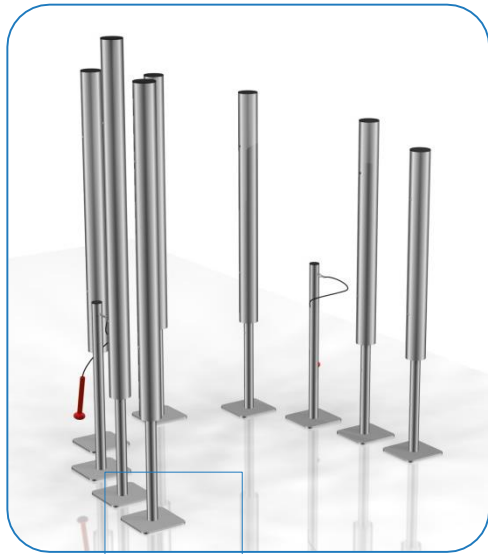
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Weight of heaviest part 10kg (XXL Bell)

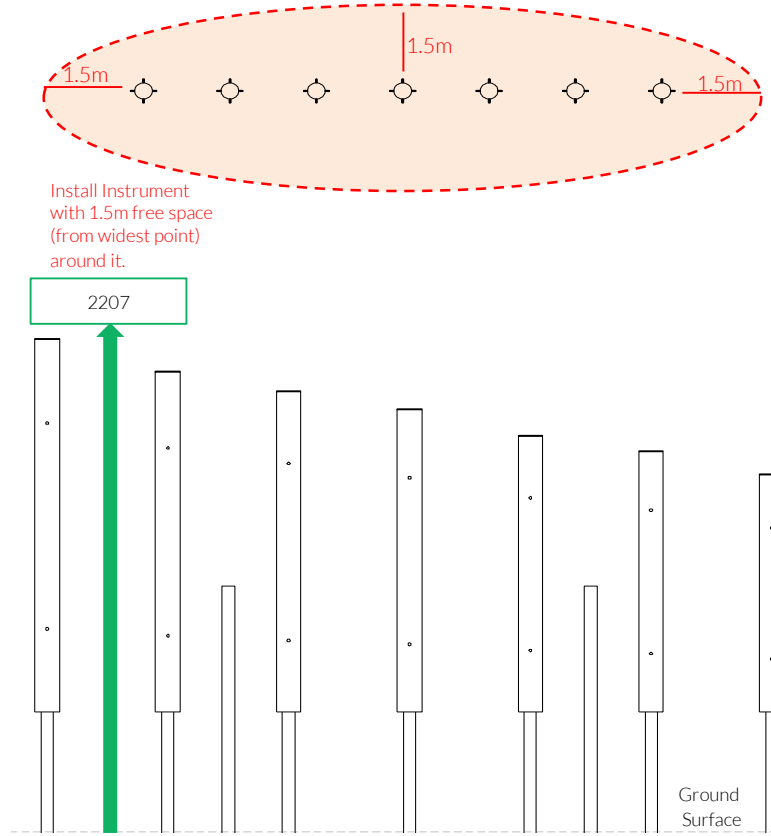
1. Attach Surface Fixing plates to each of the 9 legs(1.2)

2. Locate each chime in desired location and mark holes to fix to desired surface.




3. Fix Surface Plate to level surface using Coachscrews, Rawlbolts, chemical anchors or similar as deemed appropriate by Installer.

(It is your responsibility to ensure that the existing surface is suitable to receive the appropriate fixing)

4. Make sure all fixings are covered and secure using cover caps provided



Surface Fix Components:

-  x9
-  x9
-  x36

Spares available from percussionplay.com or from your local distributor

59 Kg

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Components:



x9

M10 Barrel Nut



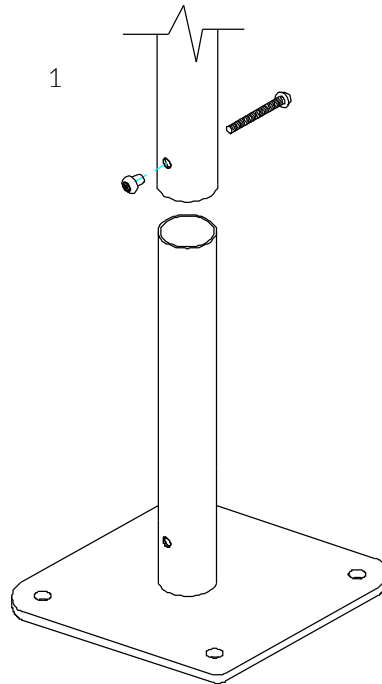
x9

M10x40 Security Screw

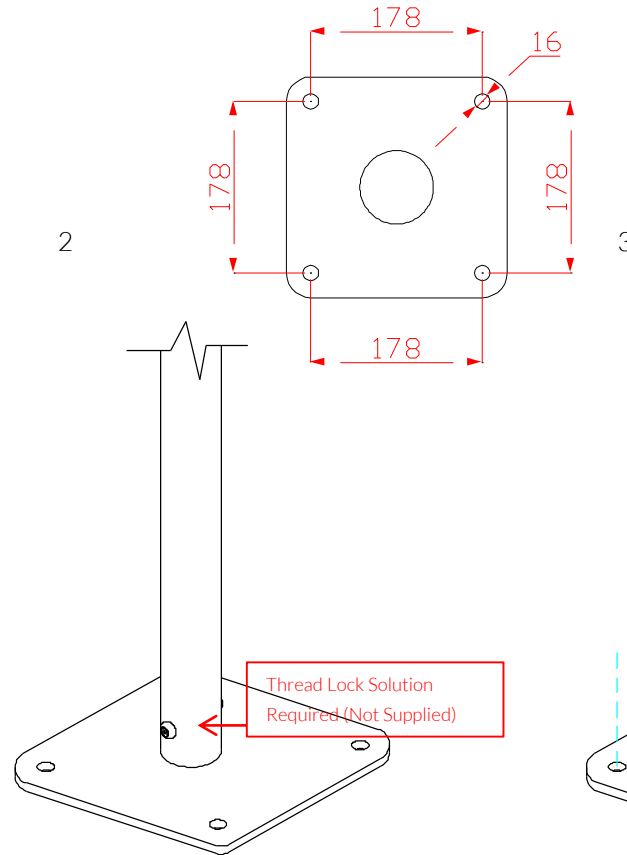


x8

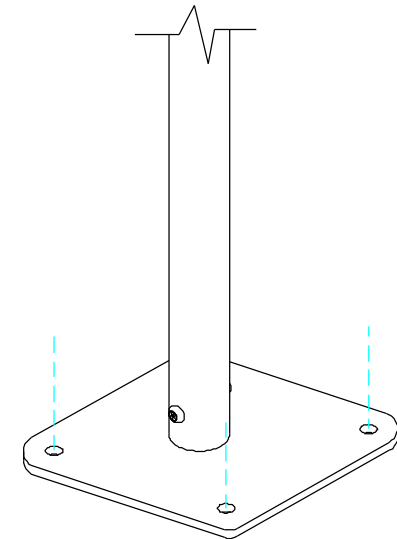
2 Part Cover Cap



1
Locate the Surface fix Plate into the leg of the instrument.



2
Fix instrument to Surface fix plate using M10 bolt and Barrel Nut and use **thread locking solution** to prevent fixings working loose.



3
Fix Surface Plate to the ground surface **Ground Anchors Not provided** cover fixings with caps provided

Repeat Parts 1-3 for all 9 legs



MADE IN
BRITAIN

BSEN 1176