

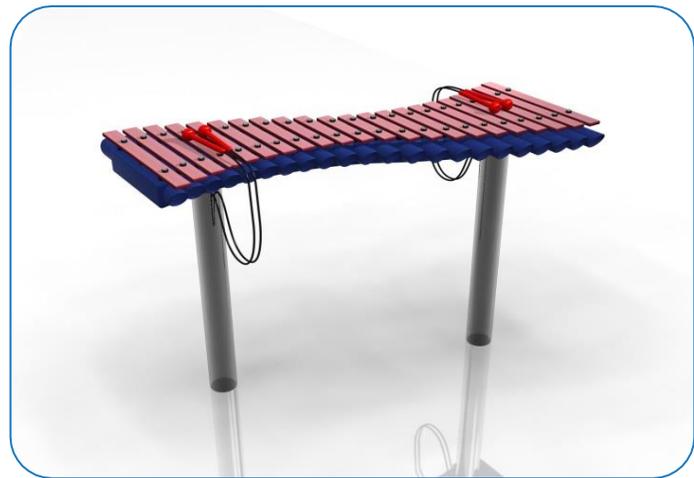
# Installation Instructions

Ground Fixed  
Duo  
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Instrument Components:

-  x8  
M8x25 Security Screw
-  x4  
M6x30 Security Screw
-  x8  
M8 Lock washer
-  x2  
M6 Saddle Strap
-  x2  
Pin Torx bit



Weight of heaviest part **14kg** (Duo)

1. Attach the steel legs to the base of the instrument with the M8x25 security screws and lock washers. **(1.1)** (See **Assembly Guide**)

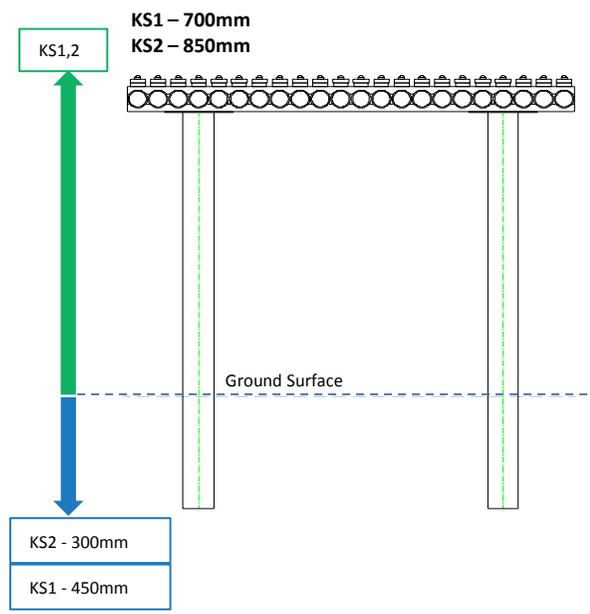
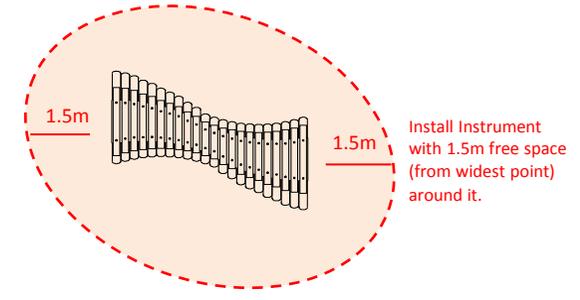
2. Attach Ground Fixing posts to legs **(1.2)** (See **Ground Fix Post Installation Sheet**)

3. **Excavate 2 holes** for the Steel legs **200mm diameter by 300-450mm 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)**



Ground Fix Components:

-  x4  
M10x200 Bolt
-  x8  
M10 Nut

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

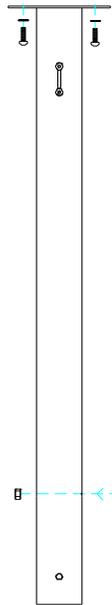
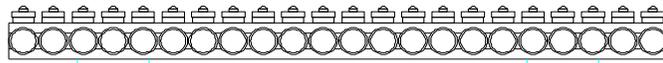
28 Kg

**Tools:**

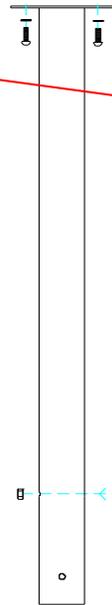
-  x1
-  x1

## Ground Fixed

Duo  
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PPDUO FRONT



PPDUO SIDE



Thread Lock Solution  
Required (Not Supplied)

**COMPONENTS LIST:**

-  M8x25 Pin torx X8
-  M8 Lock washer X8
-  M10 Nut X8
-  M10x200 Threaded Bar X4
-  Saddle Strap X2
-  M6x20 Pin torx X4

**Instrument Components:**

-  x8
-  x4
-  x8
-  x2

Thread Lock Solution  
Required (Not Supplied)



Pair Small Red  
Beaters X2

**Ground Fix Components:**

-  x4
-  x8

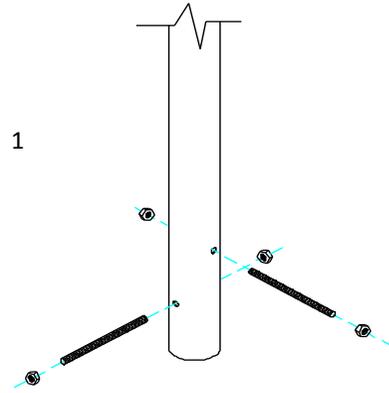
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28 Kg

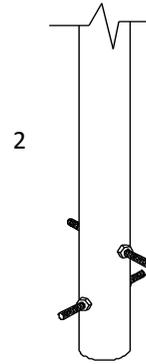
# Ground Fix Post Installation

Tools:

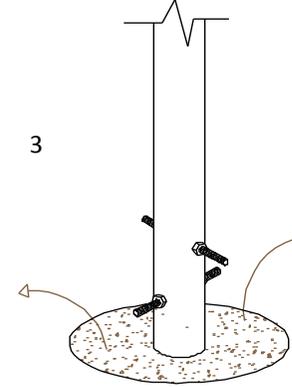
 x1  
TX 45 Driver Bit



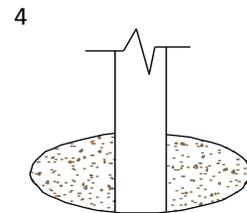
1  
Insert M10x 200 Threaded bar into pre drilled holes in Ground Fixing Post



2  
Fix M10x 200 Threaded bar in place using M10 Nuts

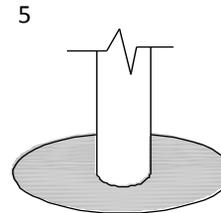


3  
Excavate a hole with a 250mm diameter tapering down to 350mm diameter and 350mm depth



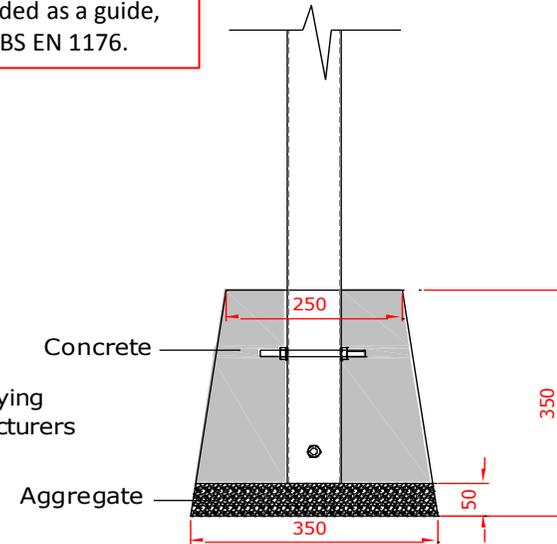
4  
Compact base of hole with 50mm of aggregate. Lower ground Fix post attached of instrument into hole (check instrument straight and level before filling with concrete)

**300mm min depth**



5  
Fill hole with fast drying concrete to manufacturers specifications.

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.



**Duplicate points 1-5. Duo requires 2 Ground Fix Posts**

## Ground Fixed

Duo  
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### Components:

 x4  
M10x200 Bolt

 x8  
M10 Nut