

# Installation Instructions

## Ground Fixed

Freechimes  
Pentatonic 6 Notes/  
Diatonic 8 Notes  
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**1. Carefully lay 2 x legs on a level surface** and check distance between **legs is equal**. Line up pre drilled holes in the backboards with the holes in legs and ensure the instrument is aligned square with the legs. **Fix in place using M8x40mm screws** supplied (see installation guide)

**2. Attach Ground Fixings to base of legs (See Ground Fix Post Installation Sheet)**

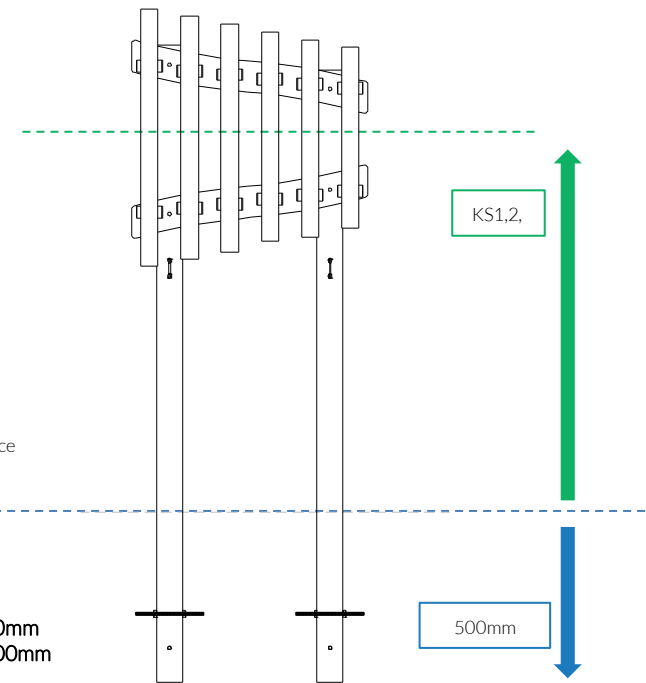
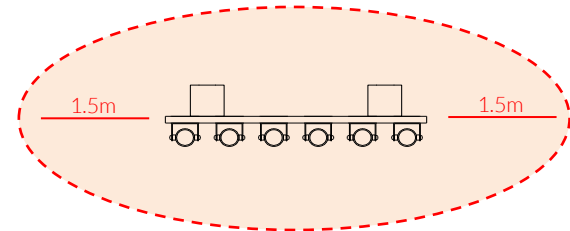
**3. Excavate 2 holes** on site of installation minimum **500mm deep** ( adjust depth according to age range for intended players)

**4. 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. (See Ground Fix Sheet)

**5. 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

**6. Beaters can be fixed to Steel posts with fixings provided**

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



Metric Conversion:  
500mm/ 19 11/16"  
900mm/35 7/16"  
1100mm/ 43 5/16"  
1500mm/ 59 1/16"

Weight of heaviest part **8.35kg** (Freechimes)

### Components:

M6 Saddle Straps  
X2

M6x20mm  
Secure Screw  
X4

M8x40mm  
Secure Screw  
X4



Pair Small  
Beaters X1

Ground Fix  
Components:



x4  
M10x200 Threaded Bar



x8  
M10 Nut



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

16 Kg

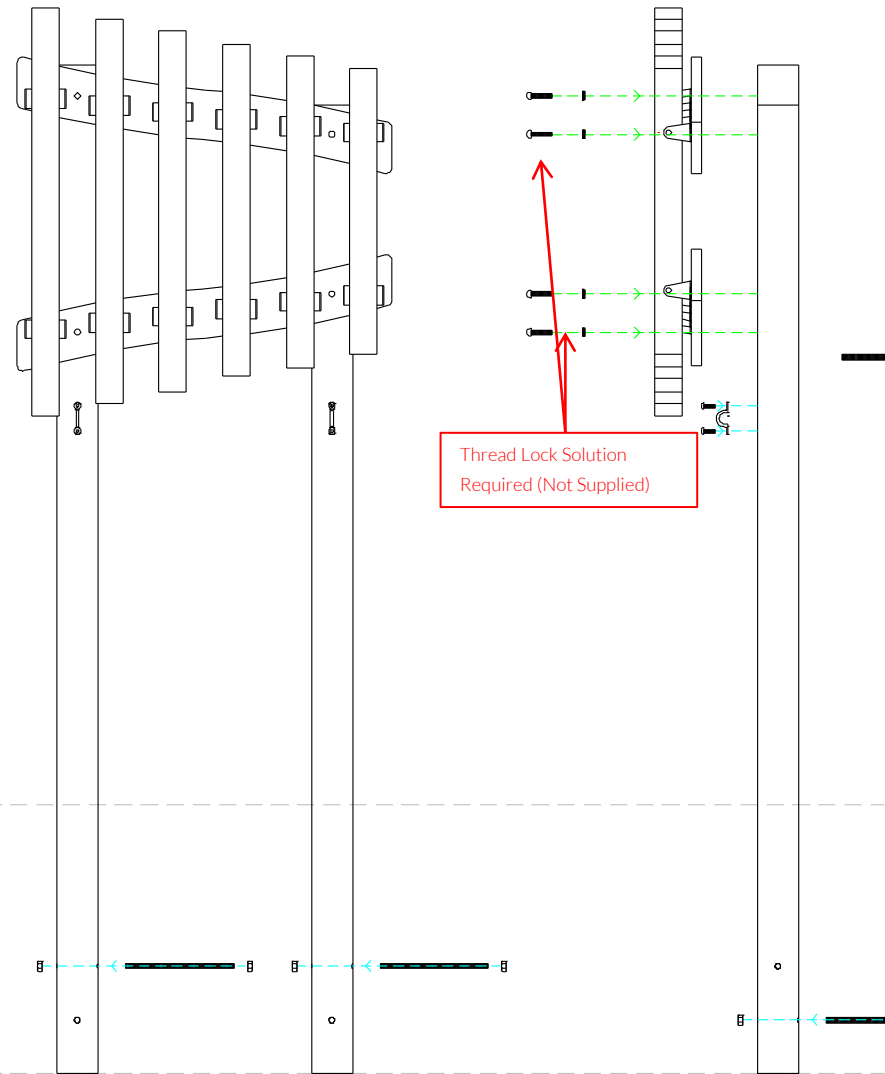
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### Components:

- M6 Saddle Straps X2
- M6x20mm Secure Screw X4
- M8x40mm Secure Screw X4



Thread Lock Solution Required (Not Supplied)

Thread Lock Solution Required (Not Supplied)

**Tools:**

- x1
- x1

### COMPONENTS LIST:

- M10 Nut X8
- M10x200 Threaded Bar X4
- Saddle Strap X2
- M6x20 Pin torx X4
- M8 Lock washer X4
- M8x40 Pin torx X4

Pair Small Beaters X1

Ground Fix Components: x4 x8

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

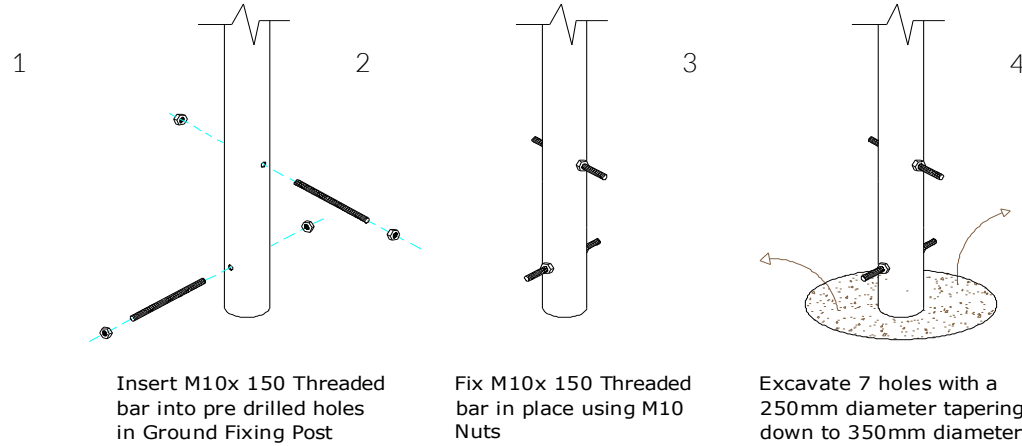
16 Kg

# Ground Fix Post 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 1 of BS EN 1176.

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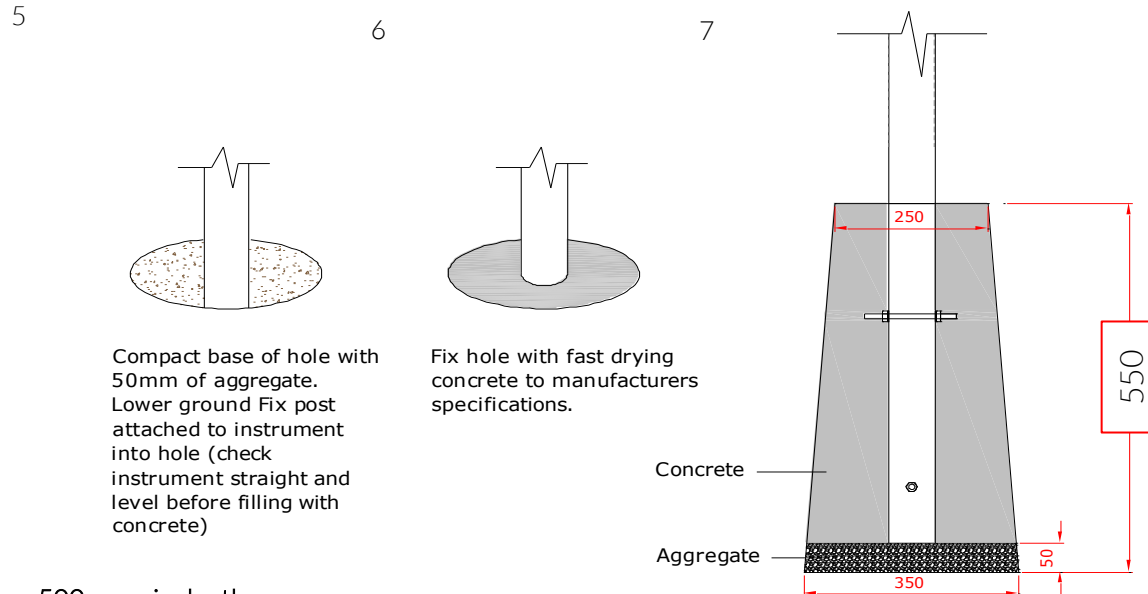


1 Insert M10x 150 Threaded bar into pre drilled holes in Ground Fixing Post

2 Fix M10x 150 Threaded bar in place using M10 Nuts

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

Metric Conversion:  
50mm/ 2"  
100mm/ 4"  
250mm/ 10"  
350mm/ 14"  
500mm/ 19 11/16"  
550mm/ 21 21/32"



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.

Concrete  
Aggregate

500mm min depth

### Components:

-  x4  
M10x200 Threaded Bar
-  x8  
M10 Nut

Thread Lock Solution  
Required (Not Supplied)



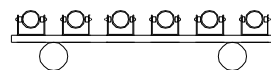
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709mm Diatonic 8 Note Post Centres  
472mm Pentatonic 6 Note Post Centres



1

Carefully lay 2 x legs on a level surface. Line up pre drilled holes in the backboards with the legs and ensure the instrument is aligned square with the legs. Fix in place using 8x70mm screws supplied

**Metric Conversion:**

50mm/ 2"  
250mm/ 10"  
350mm/ 14"  
500mm/ 1 ft 7 11/16"  
472mm/ 1 ft 6 37/64"  
709mm/ 2 ft 3 29/32"

2

Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and minimum 550mm depth

3

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)

4

Fill holes with fast drying concrete to manufacturers specifications. If posts protrude above instrument they can be cut down

Minimum installation depth required 550mm, to set height of instrument bury deeper until optimum playing height is achieved.

Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 1 of BS EN 1176.



**MADE IN BRITAIN**

BS EN 1176

