

Installation Instructions

Ground Fixed

Freechimes
Alto/ Soprano
Page 1 of 4



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)

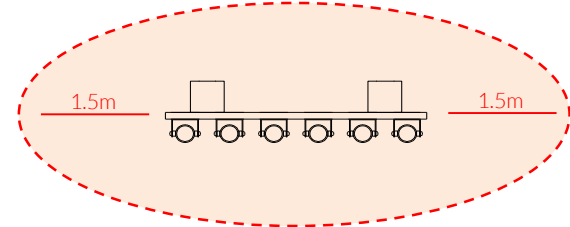
3. Excavate 2 holes on site of installation minimum 500mm deep (adjust depth according to age range for intended players)

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

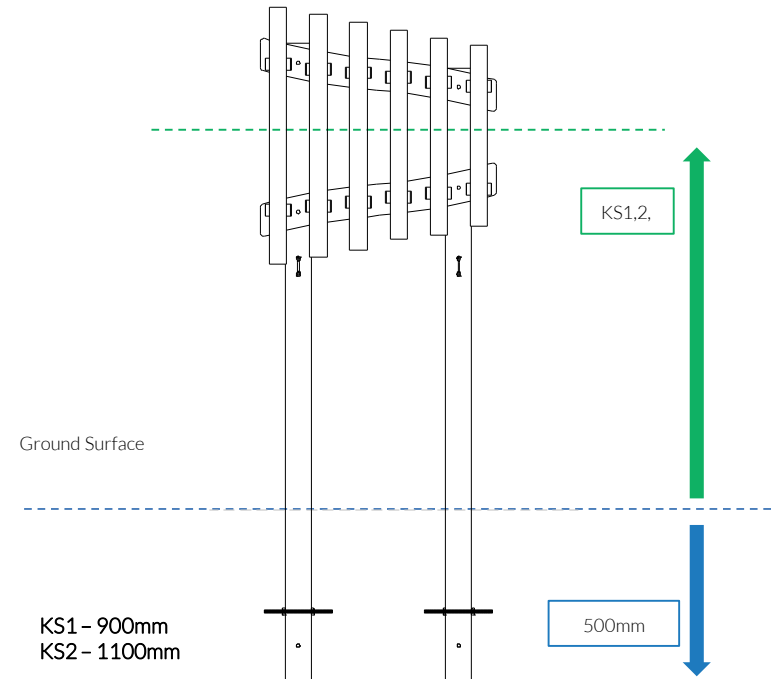
6. Beaters can be fixed to Steel posts with fixings provided

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



Metric Conversion:
500mm/ 1ft 7¹¹/₁₆"
900mm/ 2ft 11⁷/₁₆"
1100mm/ 3ft 7⁵/₁₆"
1.5m/ 59"

Weight of heaviest part 8.35kg (Freechimes)



Components:

Eye Straps
X2

M6x20mm
Secure Screw
X4

M8x40mm
Secure Screw
X4



Pair Small
Beaters X1

Ground Fix
Components:



x4



x8

M10x200 Threaded Bar

M10 Nut

Spares available from
www.musical-play.com or
from your local distributor

16 Kg

Assembly Guide PPFREC

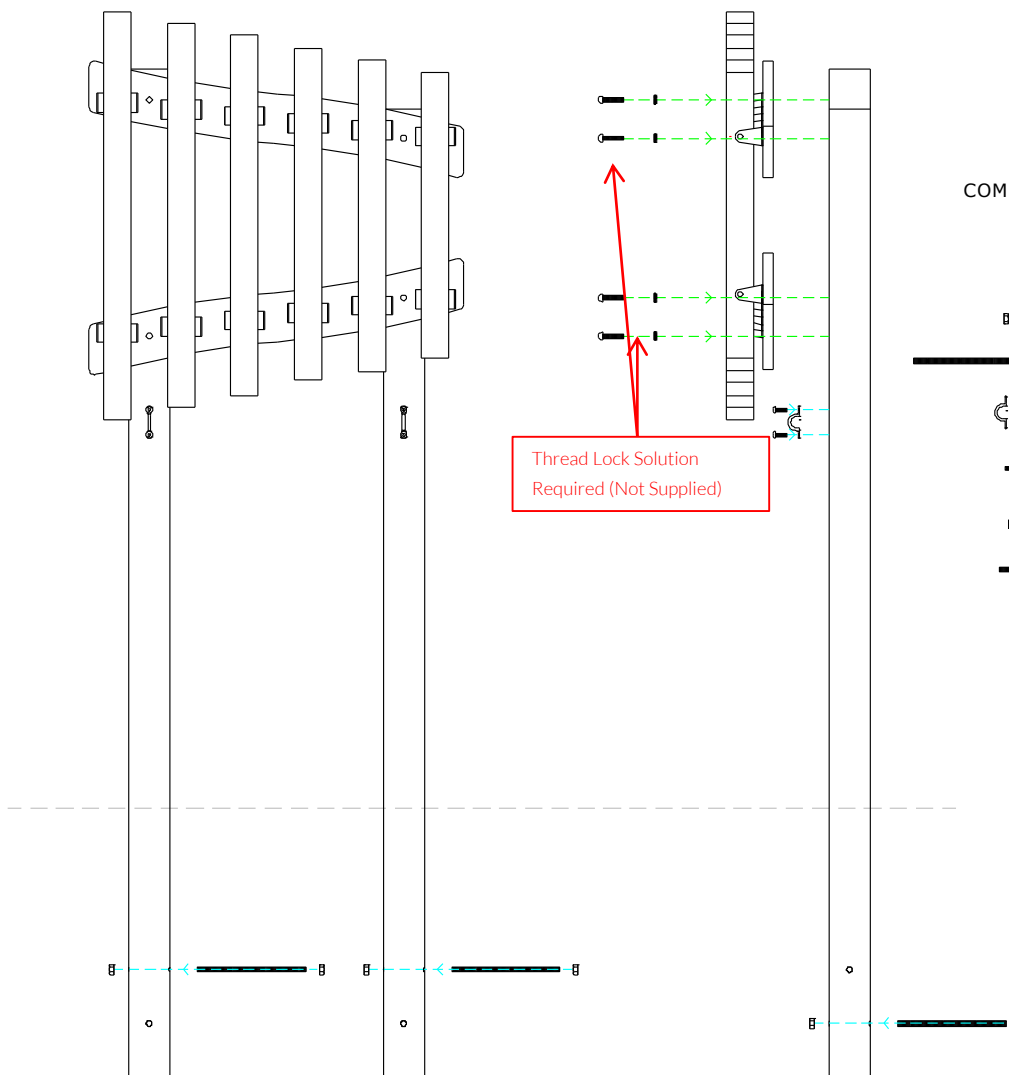


Ground Fixed

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Components:



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
www.musical-play.com or
from your local distributor

16 Kg

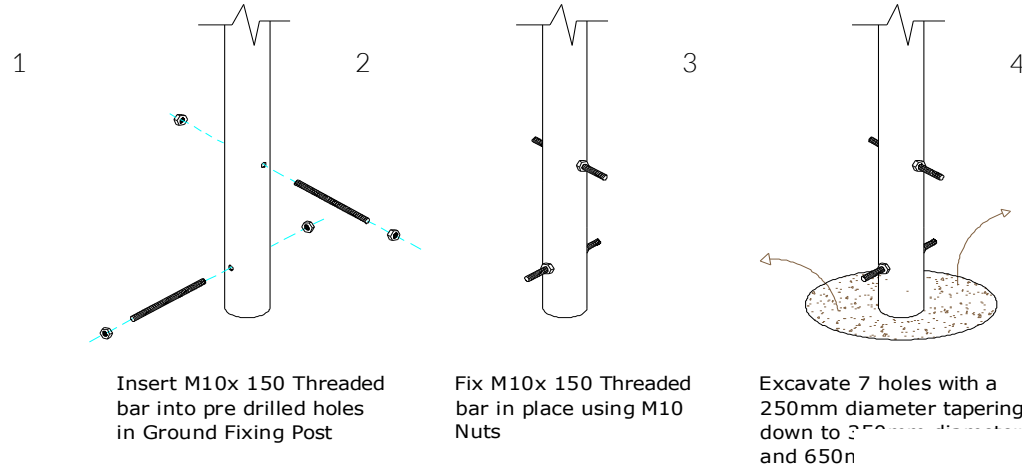
Ground Fix Post Installation

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



Ground Fixed

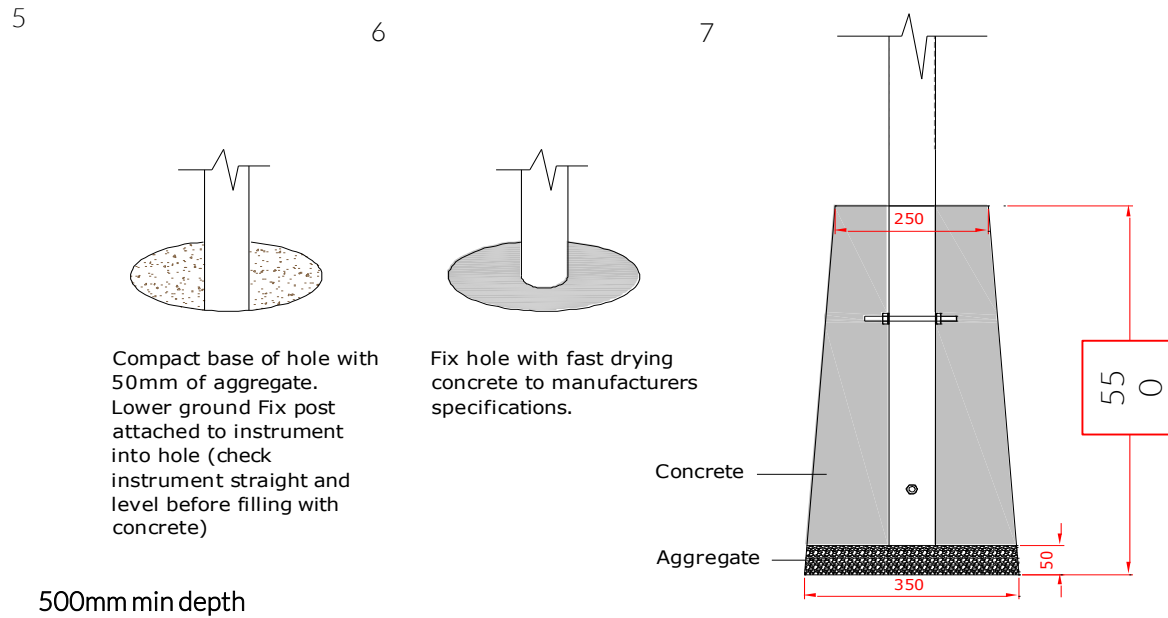
Freechimes
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Metric Conversion:	
50mm	2"
100mm	4"
250mm	10"
350mm	14"
500mm	1 ft 7 ¹¹ / ₁₆ "
550mm	1 ft 9 ²¹ / ₃₂ "
	"

Components:

-  x4
M10x200 Threaded Bar
-  x8
M10 BZP Nut



Thread Lock Solution
Required (Not Supplied)

Ground Fix Installation

Ground Fixed

Freechimes
Alto/ Soprano
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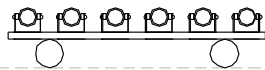


Metric Conversion:

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

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



709mm Diatonic Post Centres

472mm Pentatonic Post Centres

2

Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and minimum 650mm 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

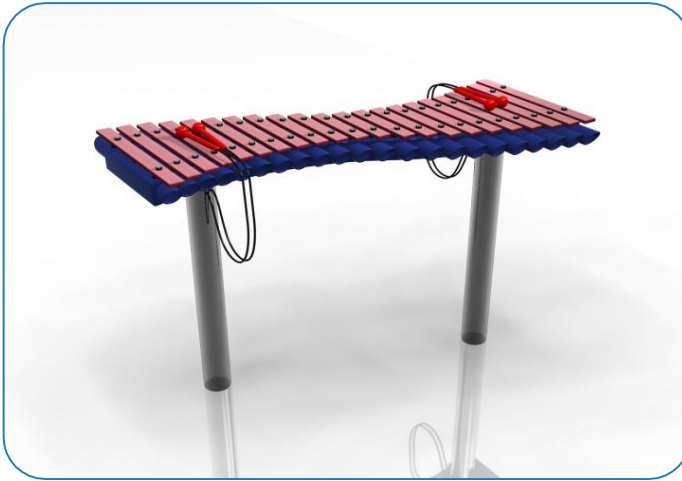
Minimum installation depth required 650mm, to set height of instrument bury deeper until optimum playing height is achieved.

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

Installation Instructions

Ground Fixed

Duo
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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)

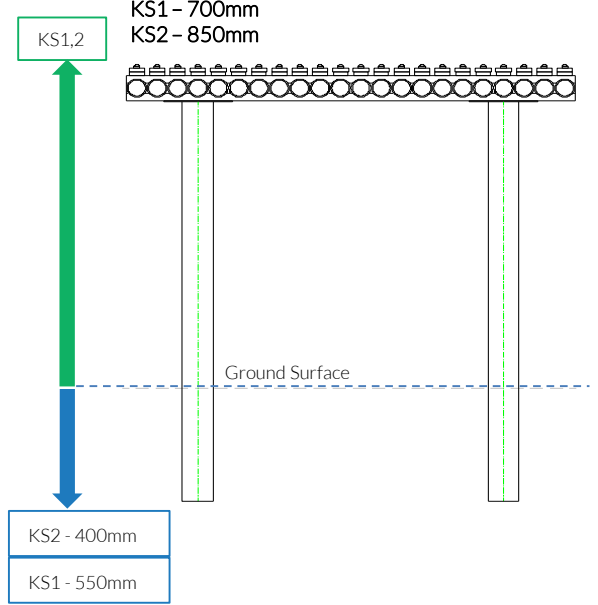
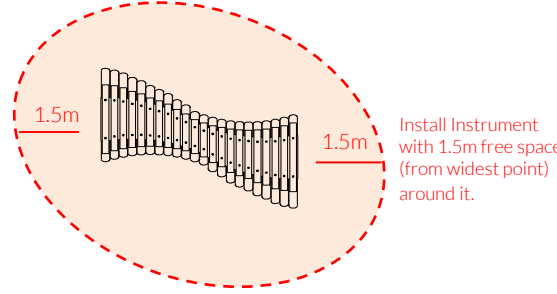
2. Attach Ground Fixing posts to legs **(1.2)** (See Ground Fix Post Installation Sheet)

3. Excavate 2 holes for the Steel legs **250mm diameter by 400-550mm 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 **14kg** (Duo)

Instrument Components:

- x8
M8 Nyloc Nut
- x4
M6x20 Security Screw
- x8
2 Part Cover Cap
- x2
M6 Saddle Strap

Metric Conversion:
250mm/ 10"
400mm/ 15 3/4"
550mm/ 21 21/32"
700mm/ 27 9/16"
850mm/ 33 15/32"
1.5m/ 59"



Ground Fix Components:



- x4
M10x200 Bolt
- x8
M10 Nut

Spares available from www.musical-play.com or from your local distributor

28 Kg

Assembly Guide PPDUO

Tools:

 x1
 x1

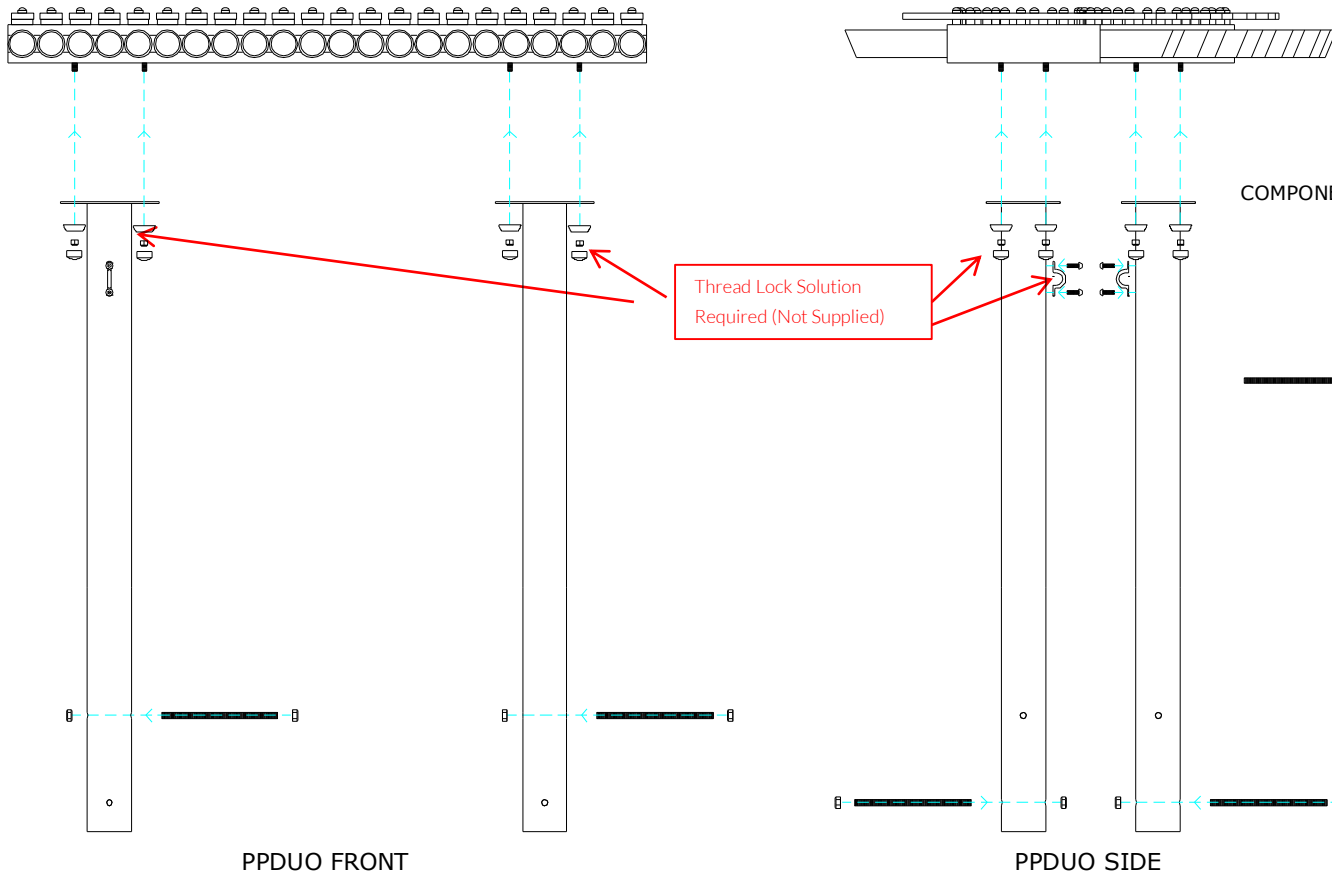
TX 30 Driver Bit TX 40 Driver Bit







Ground Fixed
Duo
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Instrument Components:

-  x8
M8 Nyloc Nut
-  x4
M6x20 Security Screw
-  x8
2 Part Cover Cap
-  x2
Cap
-  x2
M6 Saddle Strap





- COMPONENTS LIST:
-  2 Part Cover Cap X8
 -  M8 Nyloc nut X8
 -  M10 Nut X8
 -  M10x200 Threaded Bar X4
 -  Saddle Strap X2
 -  M6x20 Pin torx X4

Thread Lock Solution
Required (Not Supplied)



Pair Small Red Beaters X2

Ground Fix
Components:

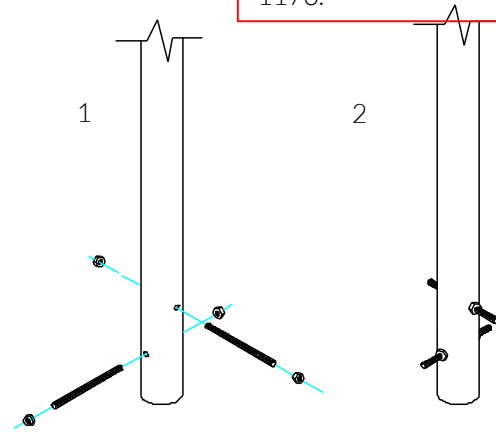
-  x4
M10x200 Bolt
-  x8
M10 Nut

Spares available from
www.musical-play.com or
from your local distributor

28 Kg

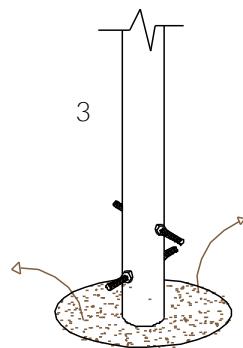
Ground Fix Post Installation

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

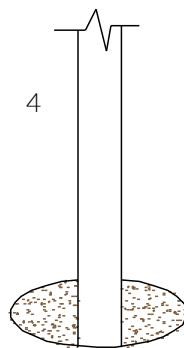


1
Insert M10x 150 Threaded bar into pre drilled holes in Ground Fixing Post

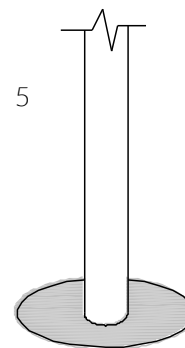
2
Fix M10x 200 Threaded bar in place using M10 Nuts



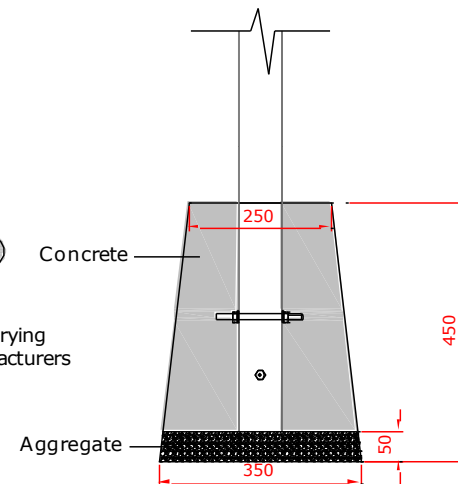
3
Excavate 6 holes with a 250mm diameter tapering down to 350mm diameter and 450mm depth



4
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)



5
Fix hole with fast drying concrete to manufacturers specifications.



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

400mm min depth

Ground Fixed

Duo
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Components:



x4
M10x200 Bolt



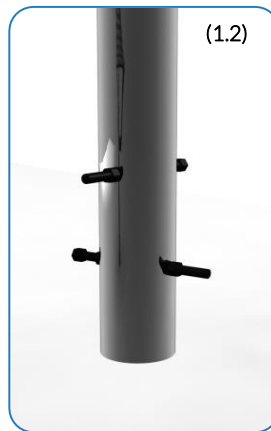
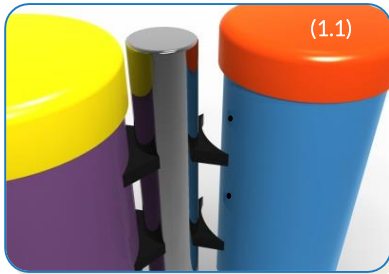
x8
M10 Nut

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

Installation Instructions

Ground Fixed

Congas
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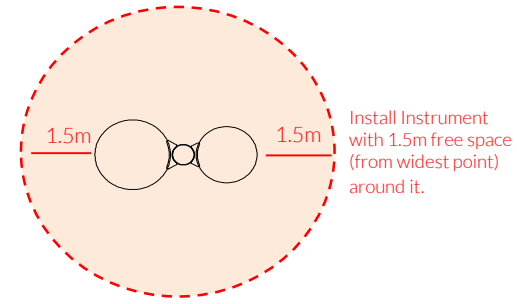
1. Attach the steel leg to each of the congas with the M10x50 security screws, square washers and PU mounts. **(1.1)** (See Assembly Guide)

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

3. Excavate 1 hole for the Steel leg 250mm diameter by 300mm deep, in desired location upon decision from customer.

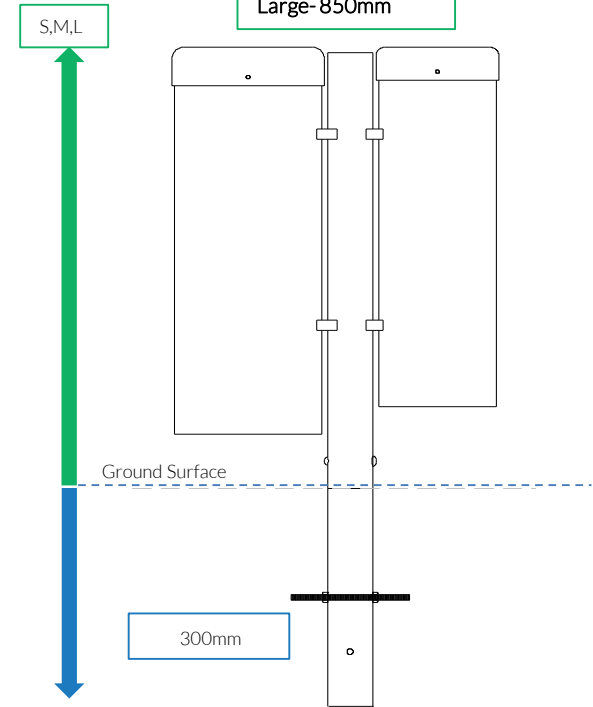
4. Locate (lower) legs into hole making sure they are vertical and level prior to concreting in place.

5. Once happy with location of the Instrument, **fill** hole using rapid hardening **concrete**. Be sure to compact concrete around legs and leave to dry according to manufactures guidelines.







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

Small - 850mm
Medium - 850mm
Large - 850mm



Weight of heaviest part 3.8kg (Large drum Small Congas)
Weight of heaviest part 4.5kg (Large drum Medium Congas)
Weight of heaviest part 5.2kg (Large drum Large Congas)

Instrument Components:

-  x4
- M10x50 Security Screw
-  x4
- M10x50x3 Square washer
-  x2
- PU 200 Mount
-  x2
- PU 250 Mount

Metric Conversion:
250mm/ 10"
400mm/ 16"
850mm/ 33"
1.5m/ 59"



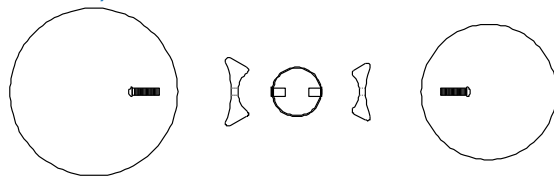
Ground Fix Components:

-  x2
- M10x200 Bolt
-  x4
- M10 Nut

Spares available from
www.musical-play.com or
from your local distributor

14.8 Kg
15 Kg
20 Kg

Assembly Guide PPCONG



PPCONG PLAN

Tools:

 x1
TX 45 Driver Bit

Ground Fixed

Congas
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Instrument Components:



x4

M10x50 Security Screw



x4

M10x50x3 Square washer



x2

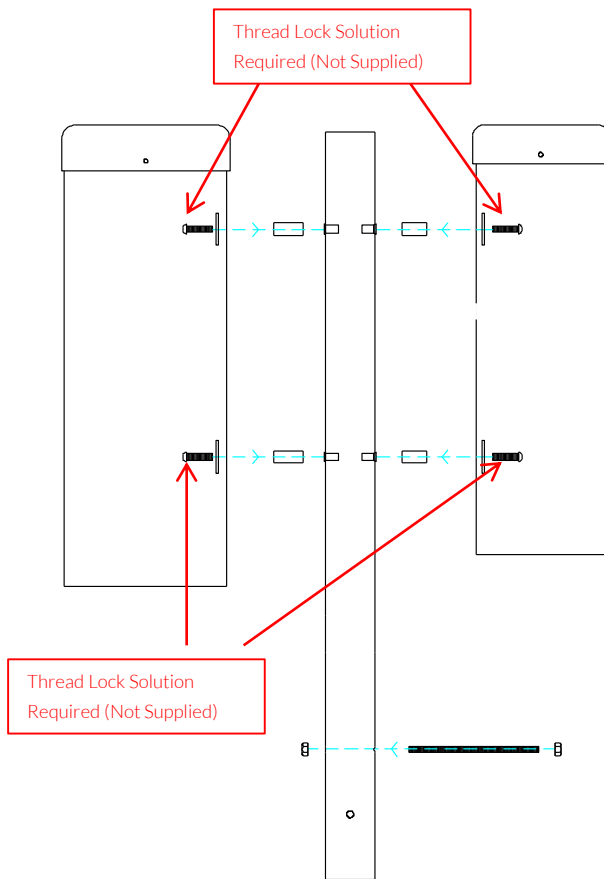
PU 200 Mount



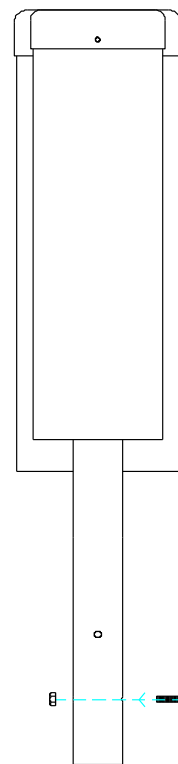
x2

PU 250 Mount

Thread Lock Solution
Required (Not Supplied)









PPCONG FRONT



PPCONG SIDE

COMPONENTS LIST:

-  M10x50 Pin torx X4
-  M10x50x3 square washer X4
-  M10 Nut X4
-  M10x200 Threaded Bar X2
-  PU MOUNT 200 X2
-  PU MOUNT 250 X2



Played with hands

Ground Fix
Components:

-  x2
-  x4

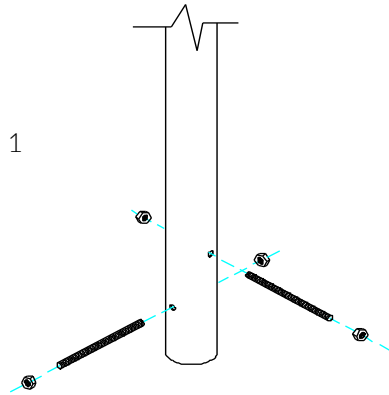
Spares available from
www.musical-play.com or
from your local distributor

14.8 Kg
15 Kg
20 Kg

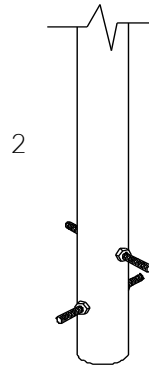
Ground Fix Post Installation

Ground Fixed

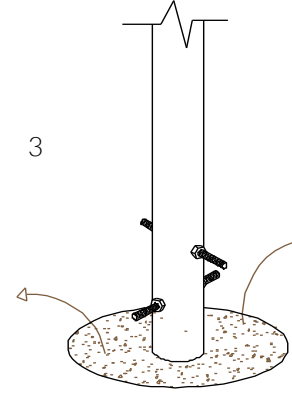
Congas
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1
Insert M10x 200 Threaded bar into pre drilled holes in Ground Fixing Post

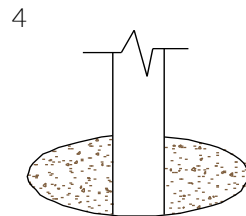


2
Fix M10x 200 Threaded bar in place using M10 Nuts



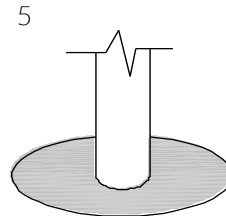
3
Excavate a hole with a 250mm diameter tapering down to 350mm diameter and 350mm depth

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.

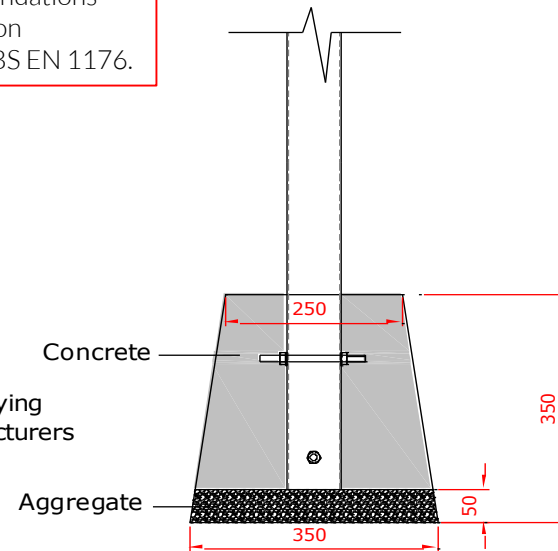


4
Compact base of hole with 50mm of aggregate. Lower ground Fix post attached of instrument into hole (check instrument straight and level before filling with concrete)

300mm min depth



5
Fill hole with fast drying concrete to manufacturers specifications.



Components:



x2

M10x200 Bolt



x4

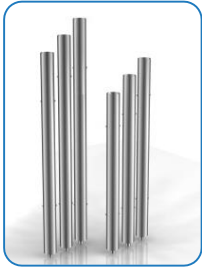
Metric Conversion:

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

Installation Instructions

Ground Fixed

Emperor Chimes
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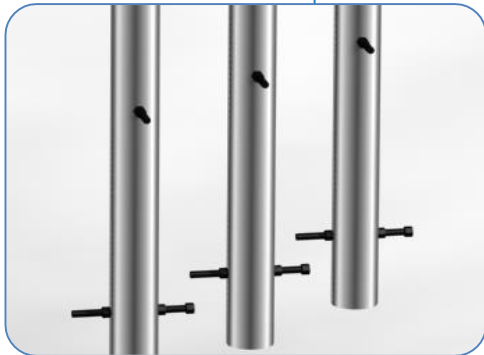
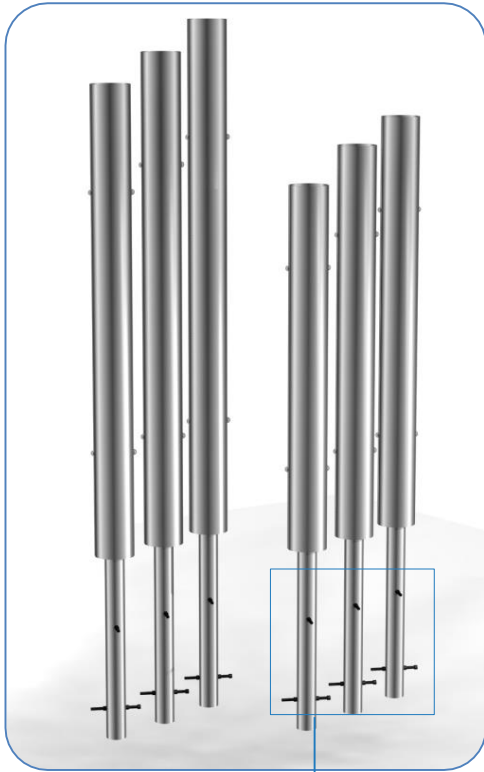


Instrument Components:

Emperor Chimes are pre-assembled

Metric Conversion:

100mm/ 4"
250mm/ 10"
600mm/ 24"
1.5m/ 59"
1785mm/ 70"
2490mm/ 98"



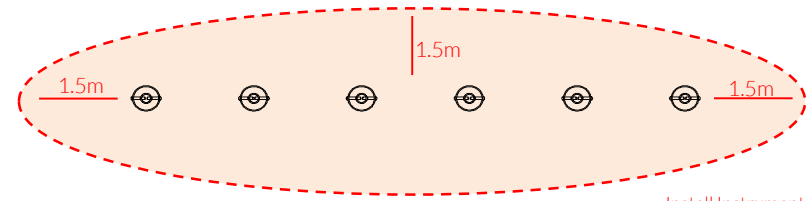
Weight of heaviest part 25kg (XL Chime)

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

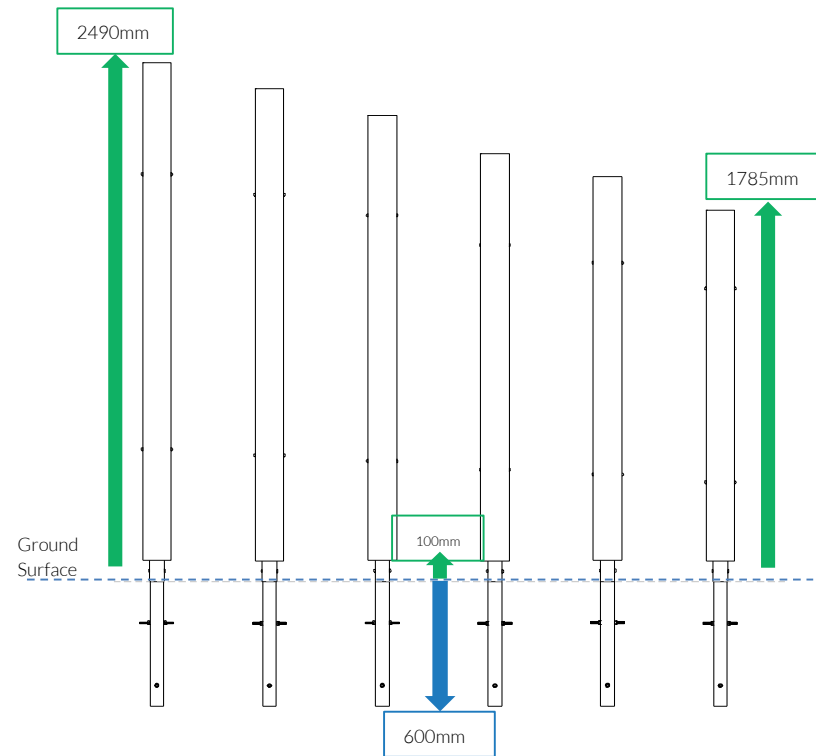
2. Excavate 6 holes for Emperor chimes 250mm diameter by 600mm deep in desired location upon decision from customer.

3. Locate (lower) legs into holes making sure they are vertical and level prior to concreting in place. Chimes should be 100mm from ground surface.

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

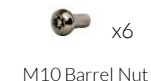


Install Instrument with 1.5m free space (from widest point) around it.



Played with hands

Ground Fix Components:

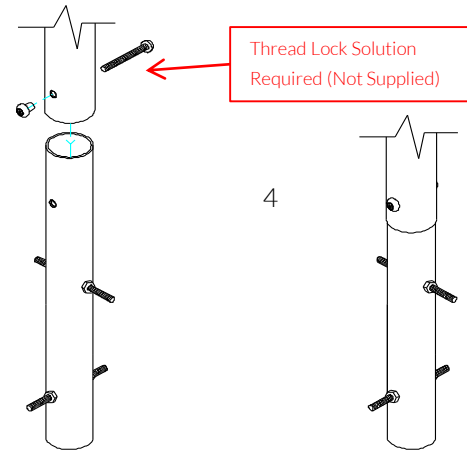



Spares available from www.musical-play.com or from your local distributor

117 Kg

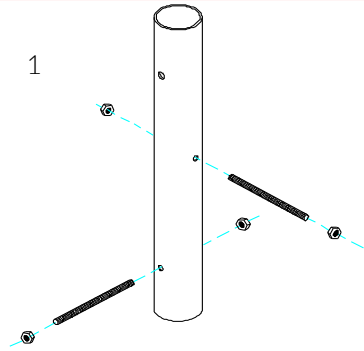
Ground Fix Post Installation

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

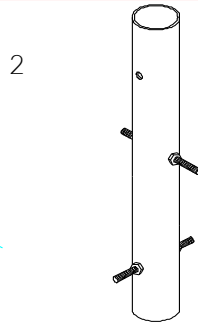


Tools:
 x2
 TX 45 Driver Bit

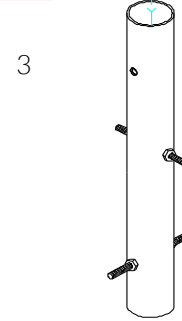
Metric Conversion:
 50mm/2"
 100mm/4"
 250mm/10"
 350mm/14"
 600mm/24"
 650mm/26"



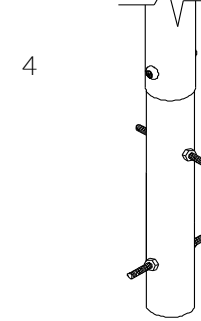
1 Insert M10x 150 Threaded bar into pre drilled holes in Ground Fixing Post



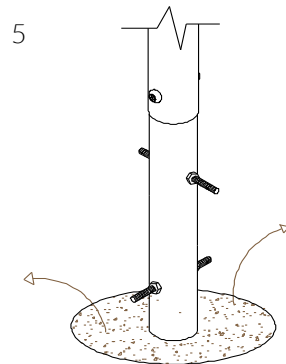
2 Fix M10x 150 Threaded bar in place using M10 Nuts



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

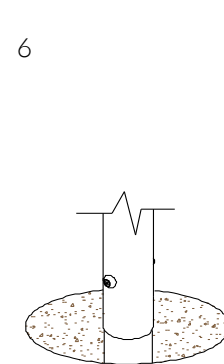


4 Fix instrument to Ground fix post using M10 bolt and Barrel Nut and use **thread locking solution** to prevent fixings working loose.

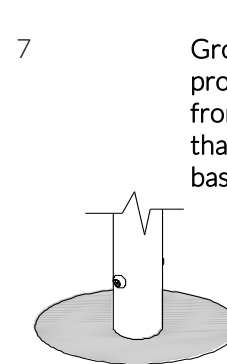


5 Excavate 6 holes with a 250mm diameter tapering down to 350mm diameter and 650mm depth

600mm max depth

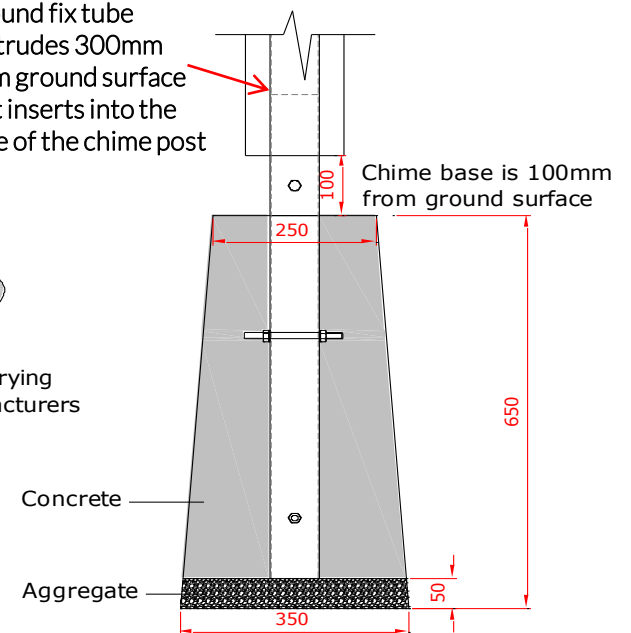


6 Compact base of hole with 50mm of aggregate. Lower ground Fix post attached to instrument into hole (check instrument straight and level before filling with concrete)

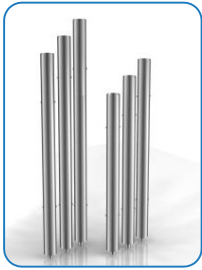


7 Fix hole with fast drying concrete to manufacturers specifications.

Ground fix tube protrudes 300mm from ground surface that inserts into the base of the chime post



Ground Fixed Emperor Chimes Page 2 of 2



Components:

-  x12
M10x150 Threaded Bar
-  x24
M10 BZP Nut
-  x6
M10 Barrel Nut
-  x6
M10x50 Security Screw

Thread Lock Solution
Required (Not Supplied)