Installation Instructions

Percussion Play
Outdoor Musical Instruments

Ground Fixed

Duo
Page 1 of 4

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"

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BS EN 1176

(1.1)

(1.2)

(1.3)

Weight of heaviest part 14kg (Duo)

Pair Small Red Beaters X2

Ground Fix Components:

x4
M10x200 Bolt

x8
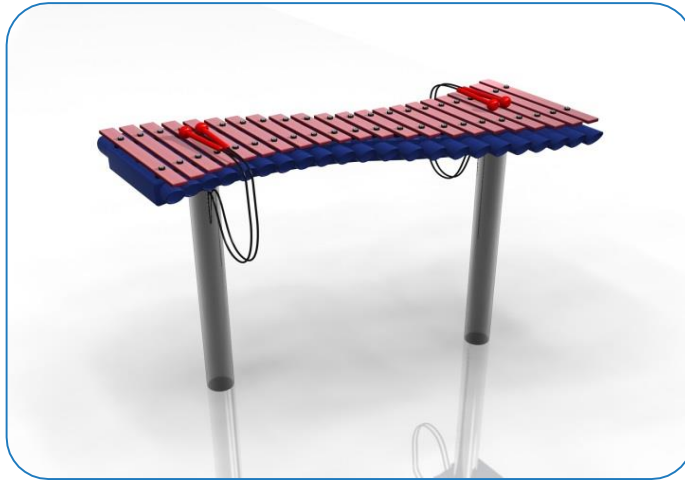M10 Nut

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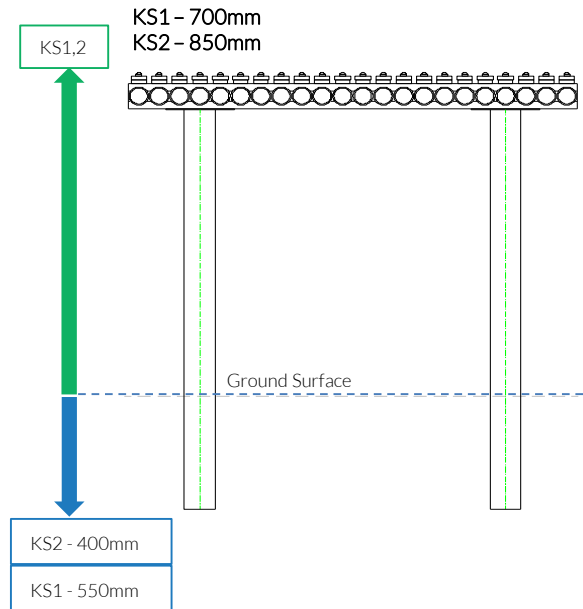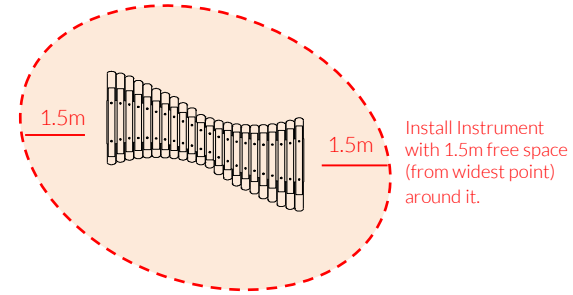
2. Attach Ground Fixing posts to legs**(1.2) (See Ground Fix Post Installation Sheet)**

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)**

1.5m

1.5m

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

KS1 – 700mm
KS2 – 850mm

KS1,2

Ground Surface

KS2 - 400mm
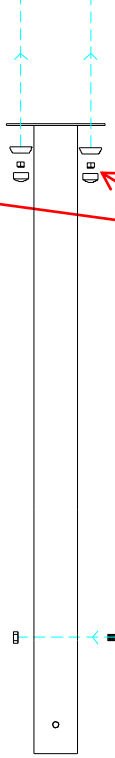
KS1 - 550mm

28 Kg

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Instrument Components:

x8
M8 Nyloc Nut

x4
M6x20 Security Screw

x8
2 Part Cover Cap

x2
M6 Saddle Strap

Thread Lock Solution
Required (Not Supplied)

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Tools:

x1
TX 30 Driver Bit

x1
TX 40 Driver Bit
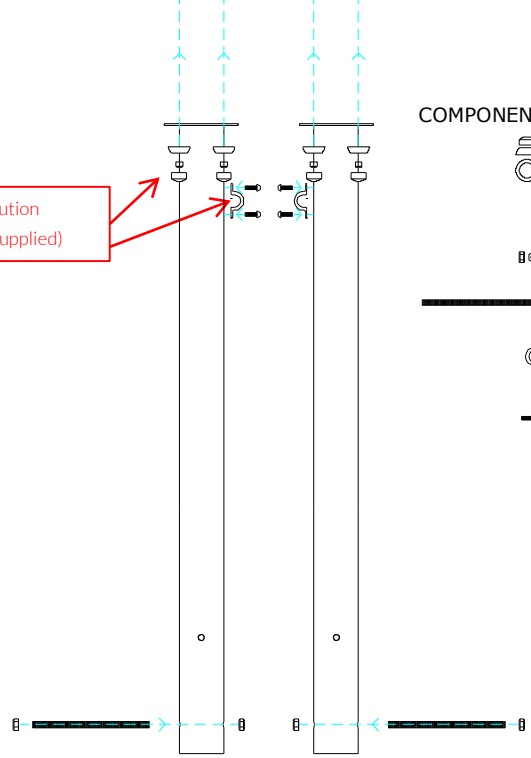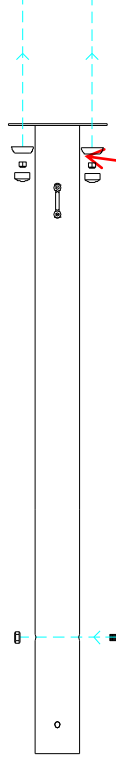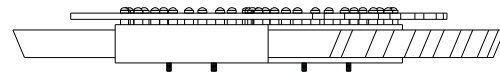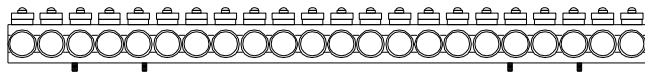
Thread Lock Solution
Required (Not Supplied)

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

PPDUO FRONT

PPDUO SIDE

Pair Small Red Beaters X2

Ground Fix Components:

x4
M10x200 Bolt

x8
M10 Nut

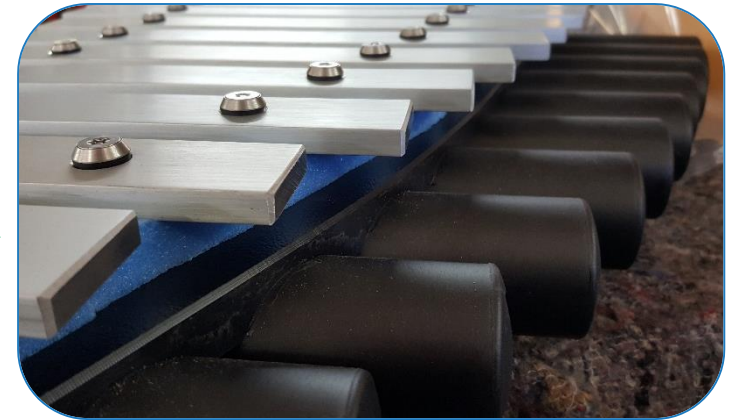Spares available from percussionplay.com or from your local distributor

28 Kg

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Components:

x4

M10x200 Bolt

x8

M10 Nut

Metric Conversion:
193mm/ 7 19/32"
231mm/ 9 3/32"
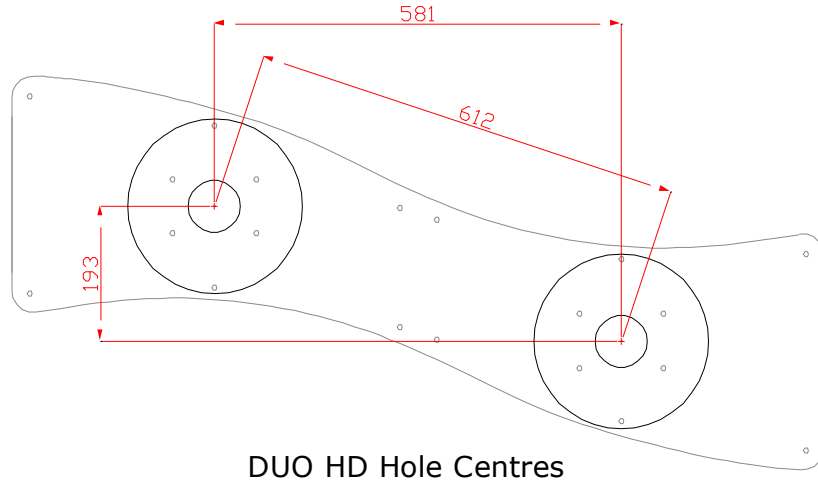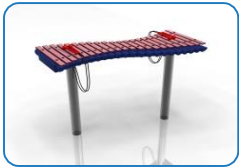581mm/ 22 7/8"
612mm/24 3/32"
750mm/ 29 17/32"
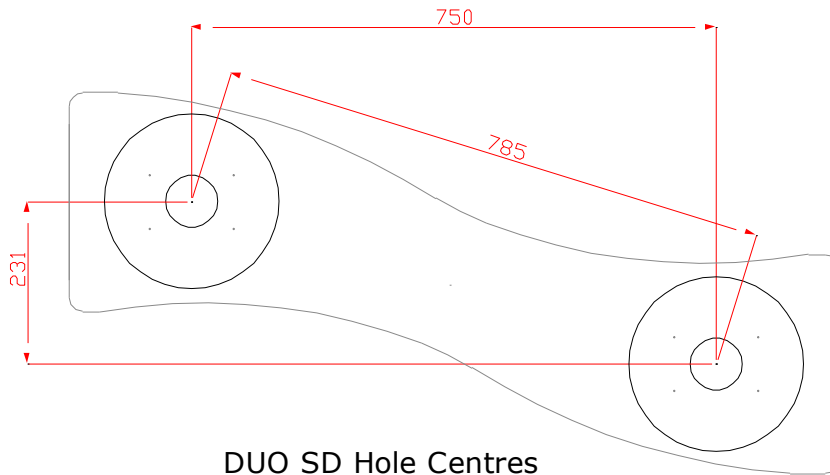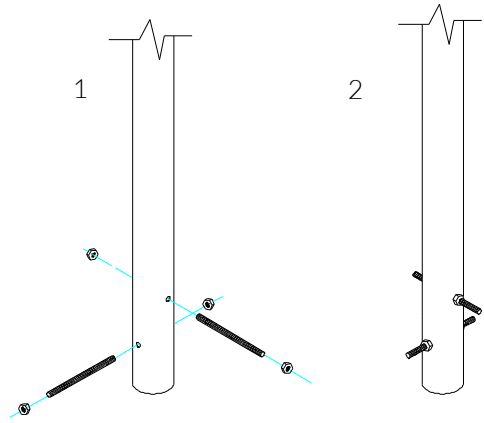785mm/ 30 29/32"

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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.

581
612
193

DUO HD Hole Centres

Black HDPE and Aluminium Body

750
785
231

DUO SD Hole Centres

ABS Painted Body

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Components:

x4
M10x200 Bolt

x8
M10 Nut

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

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BS EN 1176

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.
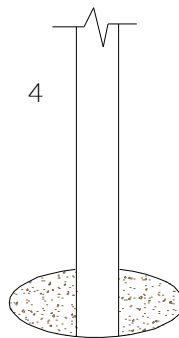
1

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

2

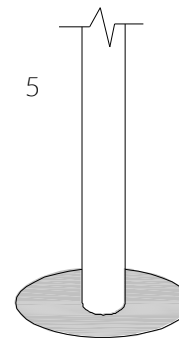Fix M10x 200 Threaded bar in place using M10 Nuts
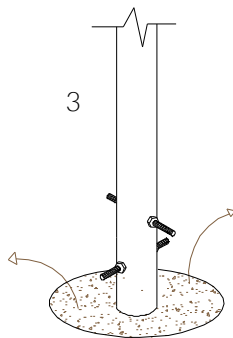
3

Excavate 2 holes with a 250mm diameter tapering down to 350mm diameter and 450mm depth

400mm min 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)
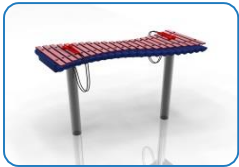
5

Fix hole with fast drying concrete to manufacturers specifications.

Concrete

Aggregate

250

450

350

50
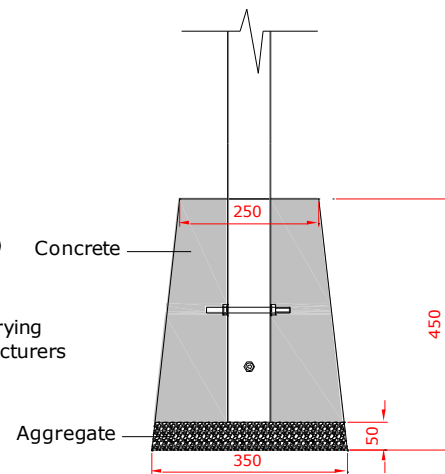
Duplicate points 1-5. Duo requires 2 Ground Fix Posts