Percussion Play
Outdoor Musical Instruments

Surface Fixed

Babel Drum
Page 1 of 2
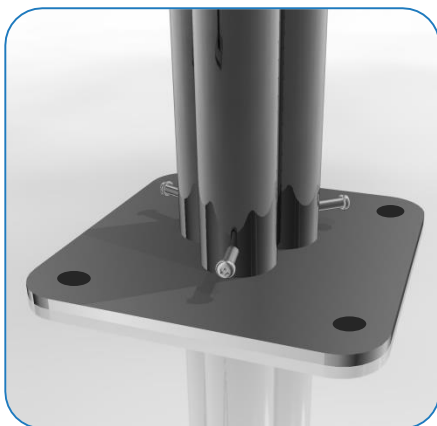
Instrument
Components:

x3

M8x25mm Pin Torx

Metric Conversion:
850mm/ 33 15/32"
855mm/ 33 21/32"
1.5m/ 59"

Weight of heaviest part 17.5kg (Large Babel Drum)
Weight of heaviest part 13.4kg (Small Babel Drum)

MADE IN BRITAIN
BS EN 1176

1. Unpack ground fixing legs 3no.

2. Lay packaging out on floor or assemble on non-abrasive surface to prevent marking of polished stainless steel.

3. Align holes on legs to holes on surface fixing(opposite end to polished domes) and secure in place using 3no. M10 x 30mm Screws provided
Tools required TX 45 Driver Bit)

4. Invert assembled frame so domed ends face upwards.

5. Place 8mm Hex Key supplied into hole in leg and lock into internal bolt.

6. Remove Black Cap opposite side of leg and keeping Hex Key in place, slide black polyurethane damper over bolt until flush with end of bolt. Repeat for other 2 legs

7. Unpack babel drum leaving black film in place to protect.

8. Align holes in side of babel drum with bolts on legs.

9. Using 8mm Hex Key screw bolts into drum to secure in place.
Use thread locking solution
All hole locations are laser cut for accuracy to ensure holes in drum align perfectly with legs.

10. Using TX40 driver provided secure M8 x 25mm security bolts into external holes in legs 3no. Use thread lock solution

11. Locate Babel Drum in desired location and mark holes to fix to desired surface.
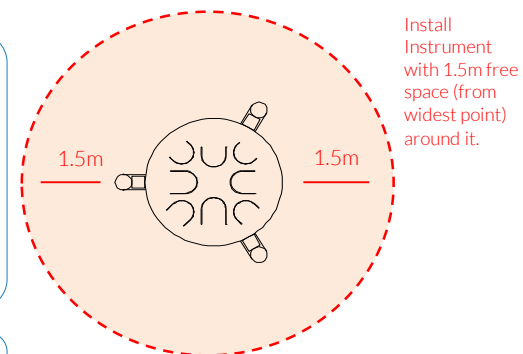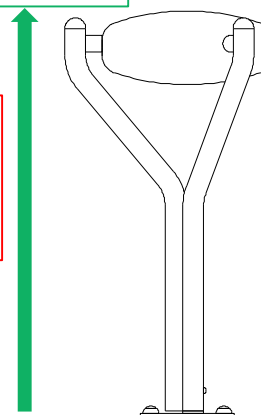
12. Fix to Surface using recommended ground anchors (Ground Anchors are not supplied)

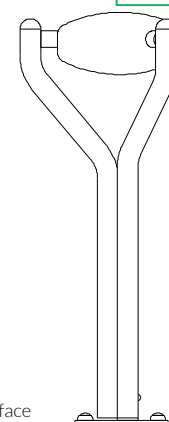13. Make sure all fixings are covered and secure using cover caps provided

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

1.5m   1.5m

CAUTION: Drum surface can get hot in direct sunlight, if possible install in shaded areas.

850mm from Plate

855mm from Plate

Ground Surface

Large 8 note

Small 6 note

Played with hands

Ground Fix Components:
x3
M10x30 Security Screw

x4
2 Part Cover Cap

Ground Anchors not supplied

Spares available from percussionplay.com or from your local distributor

22 Kg
13.4 Kg

Percussion Play
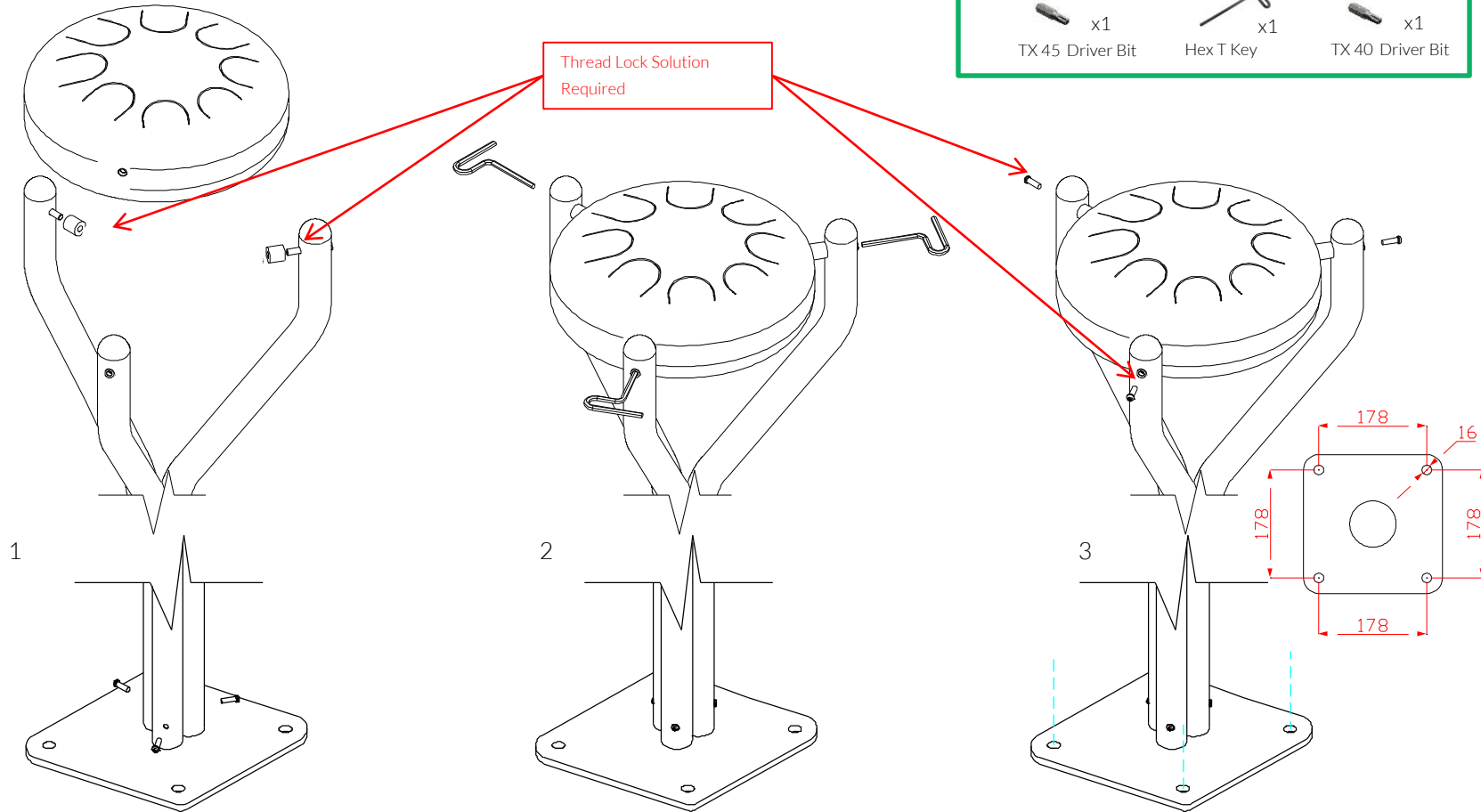Outdoor Musical Instruments

Surface Fixed
Babel Drum
Page 2 of 2

Instrument Components:

x3

M8x25mm Pin Torx

Thread Lock Solution
Required

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Tools:

x1
TX 45 Driver Bit

x1
Hex T Key

x1
TX 40 Driver Bit
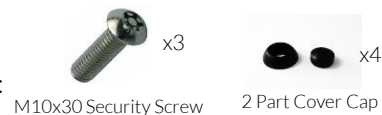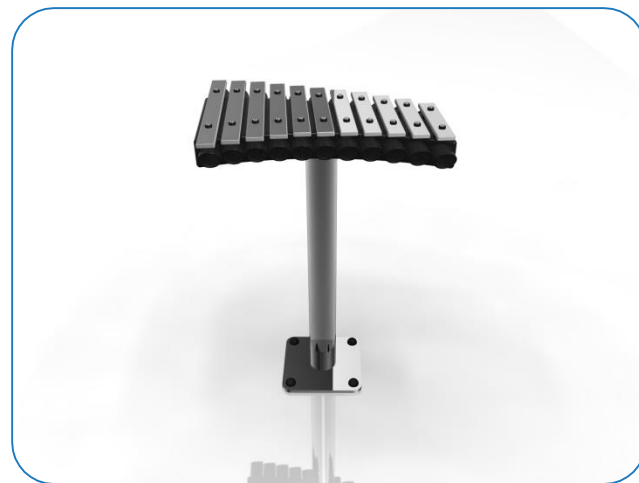
Thread Lock Solution
Required

1

2

3

178
16
178
178
178

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

2 Fix instrument to Surface fix plate using M10 Screws 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

Played with hands

Ground Fix Components:

x3
M10x30 Security Screw

x4
2 Part Cover Cap

Ground Anchors not supplied

22 Kg
13.4 Kg

Percussion Play
## Outdoor Musical Instruments

Installation Instructions

Surface Fixed

Cadenza
Page 1 of 3

Instrument Components:

x4
M8 Nyloc Nut

x2
M6x20 Security Screw

x4
2 Part Cover Cap

x1
M6 Saddle Strap

Metric Conversion:
250mm/ 10"
300mm/ 12"
450mm/ 18"
700mm/ 28"
850mm/ 33"
1.5m/ 59"

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BS EN 1176

(1.1)

(1.2)

(1.3)

Weight of heaviest part 7kg (Cadenza)

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 Surface Fixing posts to legs**(1.2) (See Ground Fix Post Installation Sheet)**

3.Locate Plate in desired location and mark holes to fix to desired surface.

4. Fix to Surface using recommended ground anchors not supplied

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

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

Pair Small Red Beaters X1

Surface Fix Components:

x1
M10x70 Security Screw

x1
M10 Barrel Nut

x4
2 Part Cover Cap

Ground Anchors not supplied

14 Kg

Percussion Play
Outdoor Musical Instruments

Surface Fixed

Cadenza
Page 2 of 3

Instrument Components:

x4
M8 Nyloc Nut

x2
M6x20 Security Screw

x4
2 Part Cover Cap

x1
M6 Saddle Strap

Thread Lock Solution
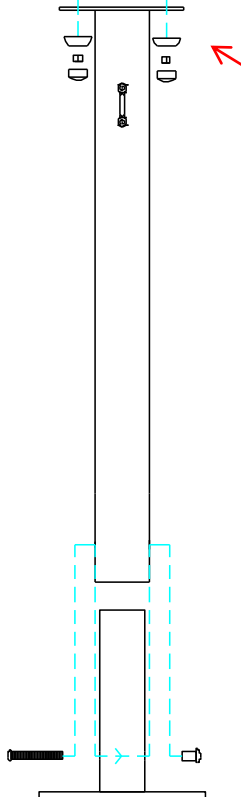Required (Not Supplied)

MADE IN BRITAIN
BS EN 1176

Tools:

x1
TX 30 Driver Bit

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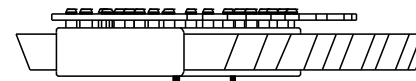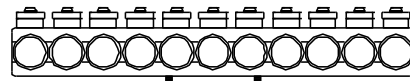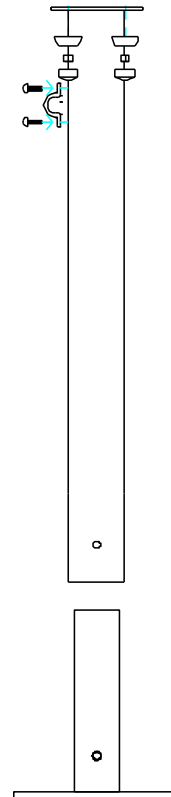
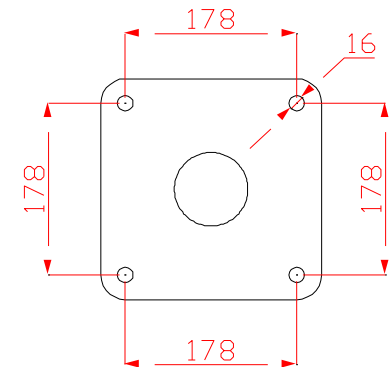Thread Lock Solution
Required (Not Supplied)

COMPONENTS LIST:

2 Part Cover Cap X4

M8 Nyloc nut X4

Saddle Strap X1

M6x20 Pin torx X2

M10x70 Pin torx X2

M10 Barrel Nut Pin torx X2

PPCADE FRONT

PPCADE SIDE

178
16
178
178
178

Pair Small Red
Beaters X1

Surface Fix
Components:

x1
M10x70 Security Screw

x1
M10 Barrel Nut

x4
2 Part Cover Cap

Ground Anchors
not supplied

Spares available from
percussionplay.com or from your
local distributor

14 Kg

Percussion Play
Outdoor Musical Instruments

Surface Fixed
Cadenza
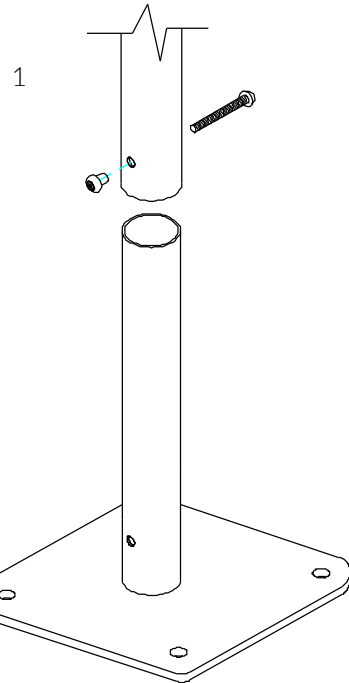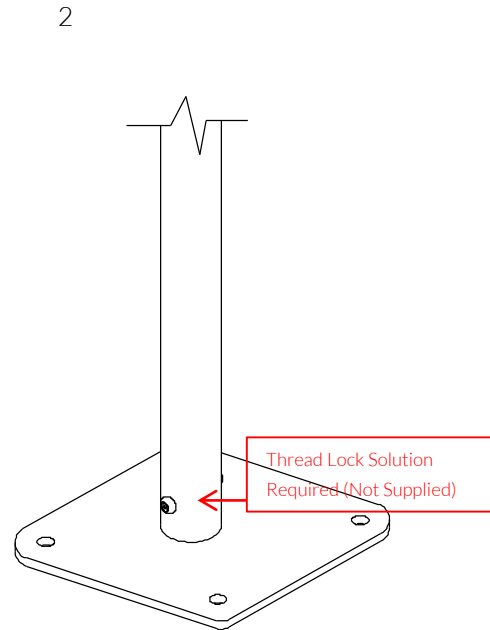Page 3 of 3

Components:

x1
M10 Barrel Nut

x1
M10x70 Security Screw

x4
2 Part Cover Cap

Thread Lock Solution
Required (Not Supplied)

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

MADE IN BRITAIN
BS EN 1176

Tools:

x2
TX 45 Driver Bit

1

2

Thread Lock Solution
Required (Not Supplied)

3

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

Fix instrument to Surface
fix plate using M10 bolt
and Barrel Nut and use
thread locking solution
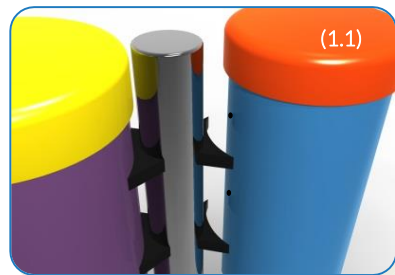to prevent fixings working
loose.
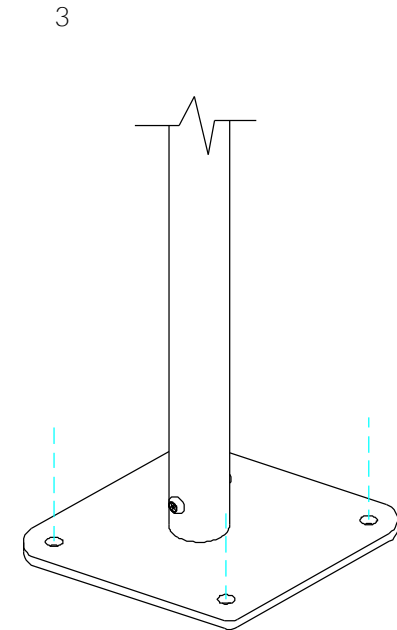
Fix Surface Plate to the
ground surface **Ground
Anchors Not provided**
cover fixings with caps
provided

Repeat Parts 1-3 for both legs

Percussion Play
Outdoor Musical Instruments

Surface Fixed

Congas
Page 1 of 2

Instrument Components:

x4
M10x50 Security Screw

x4
M10x50x3 Square washer

x2
PU 200 Mount

x2
PU 250 Mount

Metric Conversion:
178mm/ 7"
850mm/ 33"
1.5m/ 59"

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BS EN 1176

(1.1)

(1.2)

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)

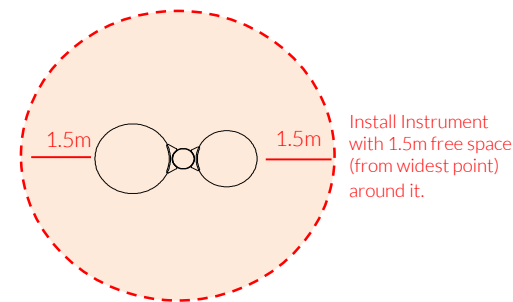**1**. Attach the steel leg to each of the congas with the M10x50 security screws, square washers and PU mounts. **(1.1) (See Assembly Guide)**

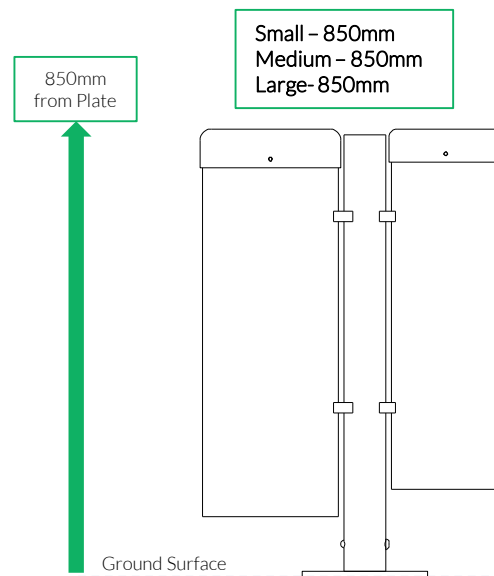**2**. Attach Surface Fixing posts to legs**(1.2) (See Ground Fix Post Installation Sheet)**

3.Locate Plate in desired location and mark holes to fix to desired surface**.**

4. Fix to Surface using recommended ground anchors not supplied

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

1.5m   1.5m

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

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

850mm from Plate

Ground Surface

Played with hands

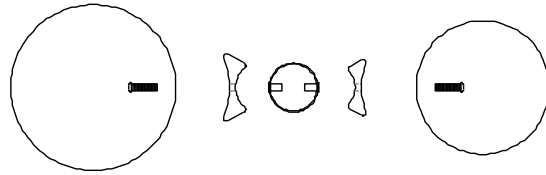Surface Fix Components:

x1
M10x70 Security Screw

x1
M10 Barrel Nut
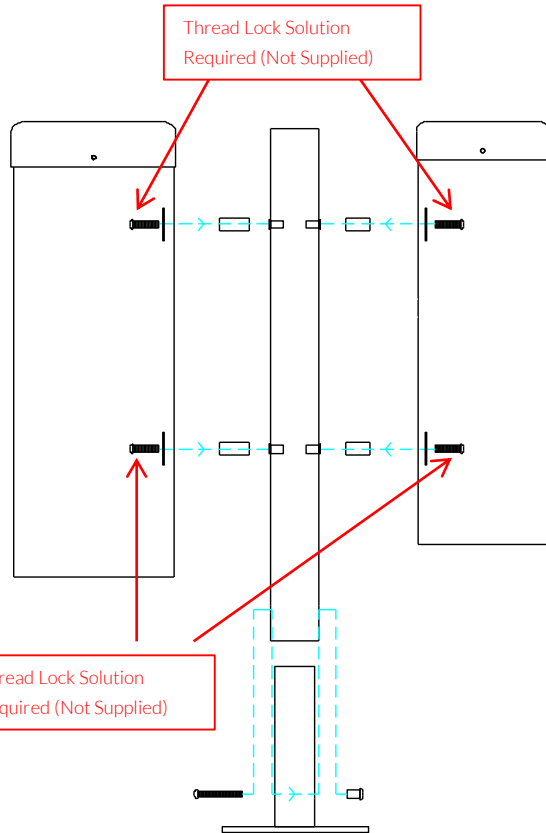
x4
2 Part Cover Cap

Ground Anchors not supplied

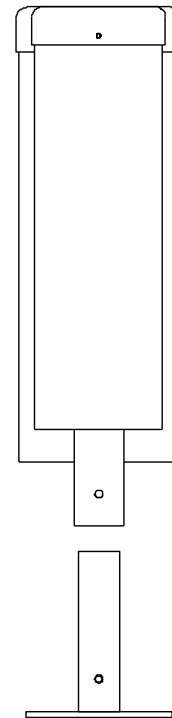Spares available from percussionplay.com or from your local distributor
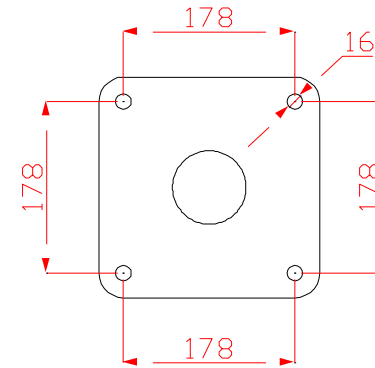
14.8 Kg
15 Kg
20 Kg

Percussion Play
Outdoor Musical Instruments

Surface Fixed

Congas
Page 2 of 2

Instrument Components:

x4
M10x50 Security Screw

x4
M10x50x3 Square washer

x2
200 Mount

x2
250 Mount

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PPCONG PLAN

Thread Lock Solution Required (Not Supplied)

Thread Lock Solution Required (Not Supplied)

PPCONG FRONT

PPCONG SIDE

178
16
178
178
178

Tools:

x2
TX 45 Driver Bit

COMPONENTS LIST:

M10x50 Security Screw X4

M10x50x3 square washer X4

PU MOUNT 200 X2

PU MOUNT 250 X2

M10x70 Pin torx X1

M10 Barrel Nut Pin torx X1
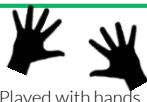

Played with hands

Surface Fix Components:
x1 M10x70 Security Screw
x1 M10 Barrel Nut
x4 2 Part Cover Cap

Ground Anchors not supplied

Spares available from percussionplay.com or from your local distributor

14.8 Kg
15 Kg
20 Kg

Installation Instructions

Percussion Play
Outdoor Musical Instruments

Surface Fixed

Freechimes
Alto/ Soprano

Page 1 of 3

Components:

Eye Straps
X2

M6x20mm
Secure Screw
X4

M8x40mm
Secure Screw
X4

BS EN 1176

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Metric Conversion:
600mm/ 24"
800mm/ 31"
950mm/ 37"
1200mm/ 47"
1.5m/ 59"

Weight of heaviest part 8.35kg (Freechimes)

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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 screw**s supplied (see installation guide)

2. Attach Surface Fixing posts to legs **(See Surface Fix Post Installation Sheet)**
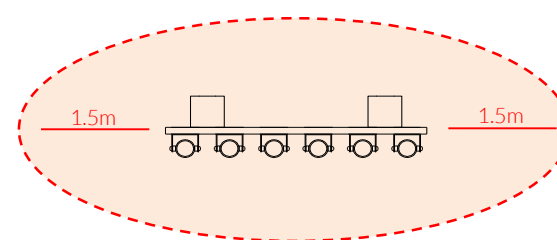
3.Locate Instrument in desired location and mark holes to fix to desired surface**.**

4.Fix Surface Plate to level surface using Coachscrews, Rawlbolts, chemical anchors or similar as deemed appropriate by Installer.
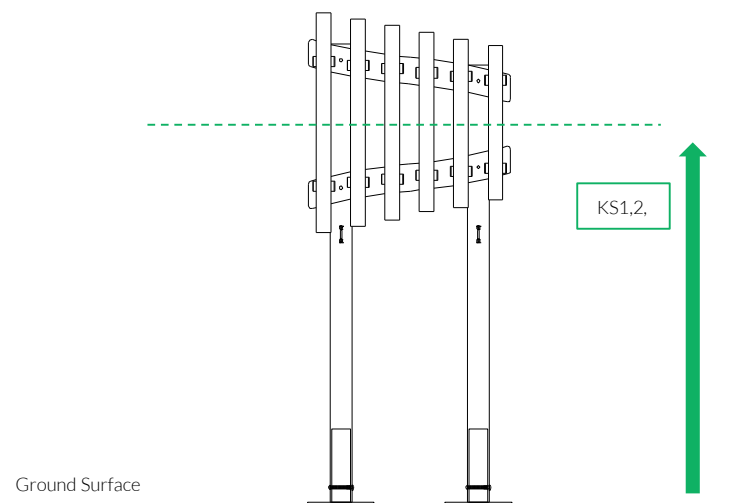
(It is your responsibility to ensure that the existing surface is suitable to receive the appropriate fixing)

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

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

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

1.5m   1.5m

KS1,2,

Ground Surface

KS1 – 800mm
KS2 – 950mm
Adult - 1200mm

Pair Small Beaters X1

Ground Fix Components:

x8
2 Part Cover Cap

x2
M10 Barrel Nut

x2
M10x70 Security Screw

Spares available from percussionplay.com or from your local distributor

16 Kg

Percussion Play
Outdoor Musical Instruments

Surface Fixed

Freechimes
Alto/ Soprano
Page 2 of 3

Components:

Eye Straps
X2

M6x20mm
Secure Screw
X4

M8x40mm
Secure Screw
X4

Thread Lock Solution
Required (Not Supplied)

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BRITAIN
BS EN 1176

Tools:

x1
TX 30 Driver Bit

x2
TX 45 Driver Bit

COMPONENTS LIST:

Saddle Strap X2

M6x20 Pin torx X4

M8 X 40 Pin Torx X4

M10x70 Pin torx X2

M10 Barrel Nut Pin torx X2

Thread Lock Solution
Required (Not Supplied)

709mm Diatonic Post Centres

472mm Pentatonic Post Centres

Thread Lock Solution
Required (Not Supplied)
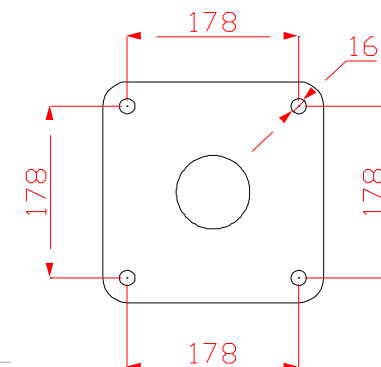
178

16

178
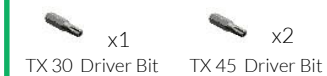
178

178

Pair Small
Beaters X1

Ground Fix
Components:

x8
2 Part Cover Cap

x2
M10 Barrel Nut

x2
M10x70 Security Screw

Spares available from
percussionplay.com or from your
local distributor

16 Kg

Percussion Play
Outdoor Musical Instruments

Surface Fixed

Freechimes
Alto/ Soprano
Page 3 of 3

Tools:

x2
TX 45 Driver Bit

Components:

x2
M10 Barrel Nut
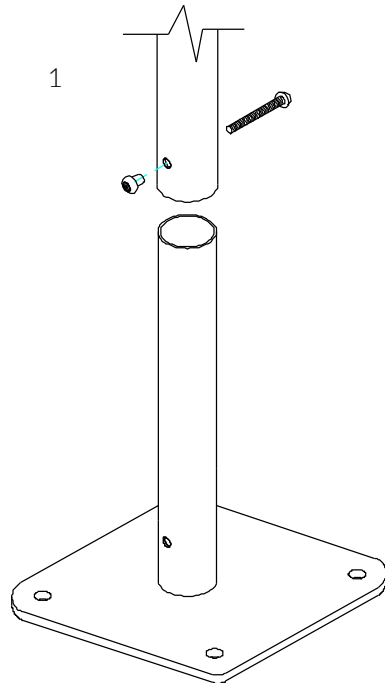
x2
M10x70 Security Screw

x8
2 Part Cover Cap

Thread Lock Solution
Required (Not Supplied)

MADE IN BRITAIN
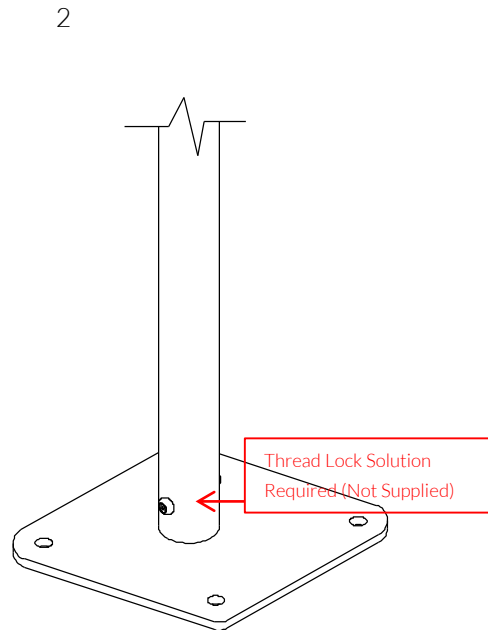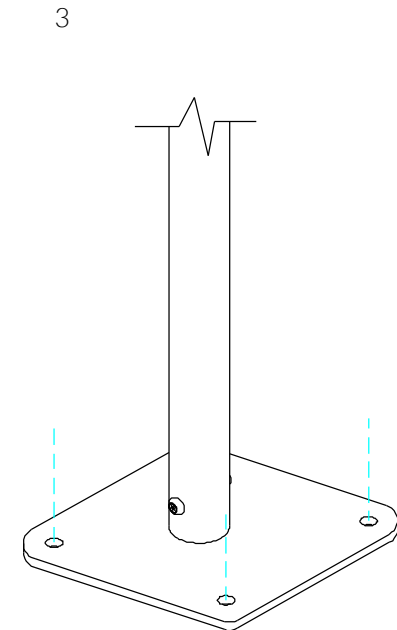BS EN 1176

1

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

2

Thread Lock Solution Required (Not Supplied)

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