**Installation Instructions**

1. Carefully lay 2 x legs on a level surface and insert M10x200 bar and nuts. Using packing box as protection lay instrument note side down on the card. Line up pre drilled holes in the backboard with the legs and ensure the instrument is aligned square with the legs. Fix in place using M10x100mm screws supplied (see installation guide).

2. (See ground fix sheet) Excavate a hole on site of installation approximately 500mm deep (adjust depth according to age range for intended players).

3. Carefully raise the instrument from the ground with legs attached and locate (lower) legs into hole on 5 degree angle making sure they are vertical and level prior to concreting in place.

4. 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.

5. Beaters can be fixed to Stainless Steel posts with fixings provided.

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**Ground Fix Components:**

- M10x100 Security Screw x4
- M10 Flanged Slide Bearing x8
- Eye Straps x2
- M6x20mm Secure Screw
- Thread Lock Solution Required (Not Supplied)

**Pair Small Beaters X1**

**Ground Fix Components:**

- M10x200 Threaded Bar x4
- M10 Nut x8

**Spares available from percussionplay.com or from your local distributor**

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Weight of heaviest part 15kg

**Metric Conversion:**

- 500mm/20"
- 750mm/30"
- 900mm/35"
- 1100mm/43"
- 1.5m/59"

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

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**Cherub**

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Cherub
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Components:
- M10x100 Security Screw x4
- M10 Flanged Slide Bearing x8
- Eye Straps x2
- M6x20mm Secure Screw x4

Tools:
- TX 45 Driver Bit x1
- TX 30 Driver Bit x1

Thread Lock Solution Required (Not Supplied)

Assembly Guide PPSWAV

Components List:
- Saddle Strap X2
- M6x20 Pin torx X4
- M10x100 Pin torx X4
- M10 Black Slide Plastic Bearing X8
- M10 Nut X8
- M10x200 Threaded Bar X4

Spares available from percussionplay.com or from your local distributor

Pair Small Beaters X1

Ground Fix
Components:
- M10x200 Threaded Bar x4
- M10 Nut x8

22 Kg

BS EN 1176
Ground Fix Installation

Components:

- M10x200mm BZP Bar X4
- M10 BZP Nut X8

Metric Conversion:
- 50mm/ 2”
- 250mm/ 10”
- 350mm/ 14”
- 500mm/ 20”
- 550mm/ 22”

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

1. Excavate a hole with a 250x650mm tapering down to 350x750mm diameter and 550mm depth.

2. 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).

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