

# Installation Instructions

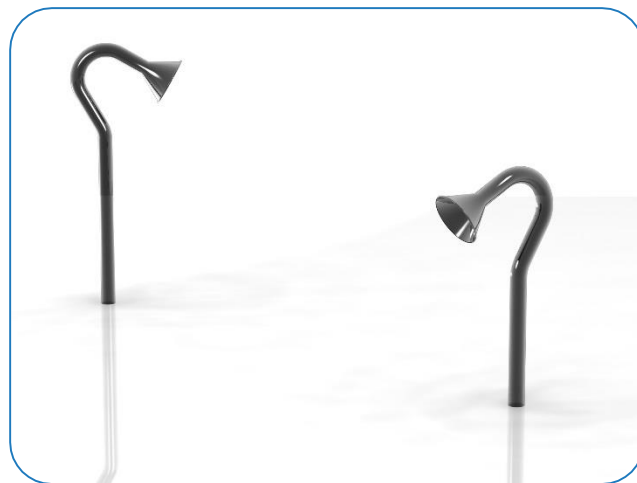
## Ground Fixed

Talk Tubes  
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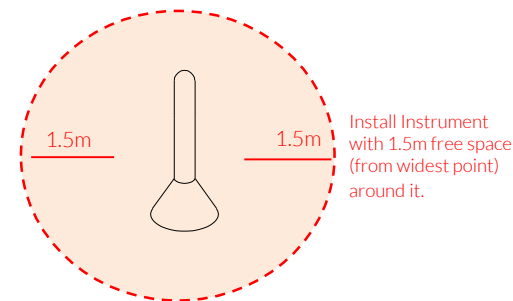
Instrument  
Components:

Metric Conversion:  
430mm/ 16 59/64"  
1100mm/ 43 5/16"  
1400mm/55 1/8"  
1.5m/ 59"



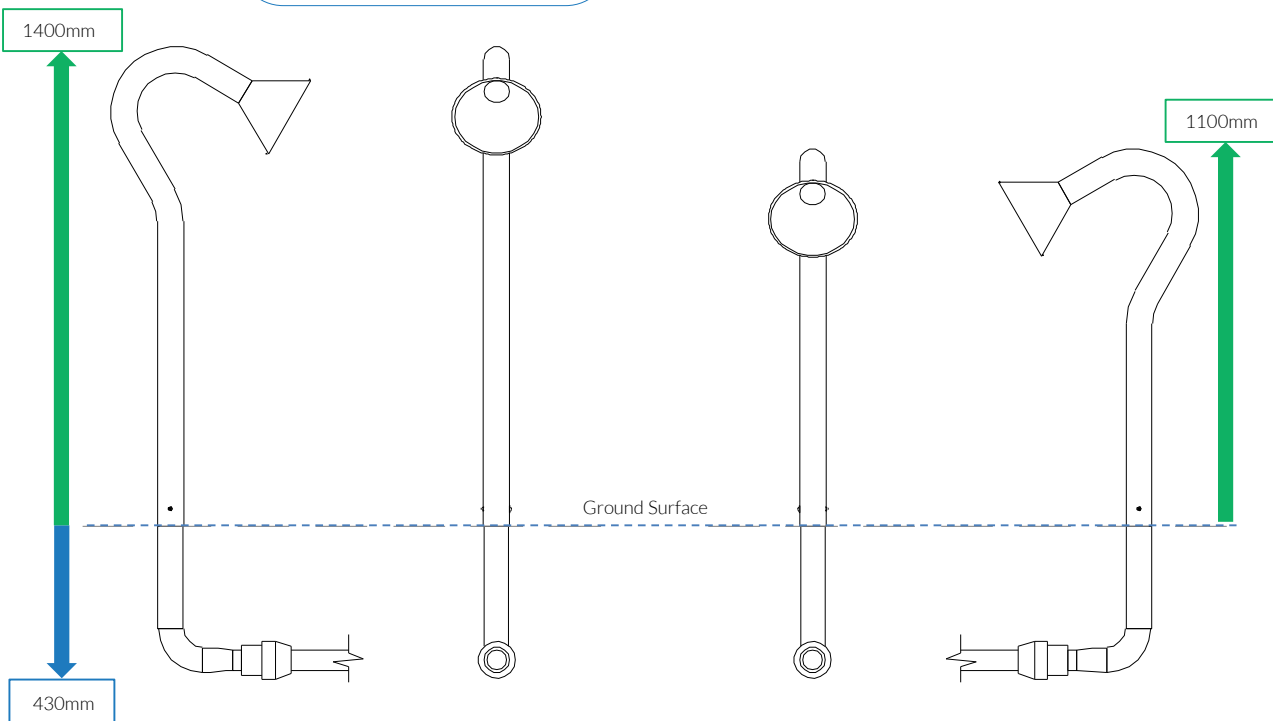
3. Locate (lower) legs into hole using jigs provided making sure they are vertical and level prior to concreting in place.

4. 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.

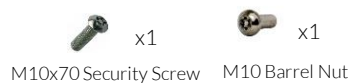


1. Attach the in ground legs with the M10x70 security screws and Barrel Nuts. **(1.1)** (See Assembly Guide)

2. **Excavate Trench** for the 2 tubes and blue in ground pipe **500mm wide by 600mm deep**, in desired location upon decision from customer. **(1.2)** (See Ground Fix Installation Sheet)



Ground Fix  
Components:



Spares available from  
[www.musical-play.com](http://www.musical-play.com) or  
from your local distributor

25 Kg

# Assembly Guide PPTUMB

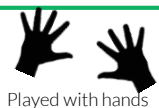
## Ground Fixed

Talk Tubes  
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Instrument  
Components:

Thread Lock Solution  
Required (Not Supplied)



Played with hands

Ground Fix  
Components:


 x2  
M10x70 Security Screw


 x2  
M10 Barrel Nut


Tools:


 x2  
TX 45 Driver Bit

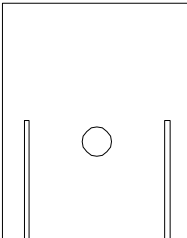
### COMPONENTS LIST:

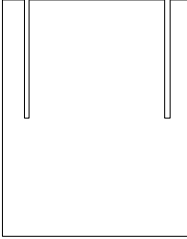
 M10x70 Pin torx X2

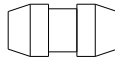
 M10 Barrel Nut Pin torx X2

 63mm Pipe Connector X2

 63mm Pipe Insert X8

 6mm MDF Jig Front X2

 6mm MDF Jig Side X4

 63mm Pipe Joiner X3

63mm x 2m Blue Pipe X6

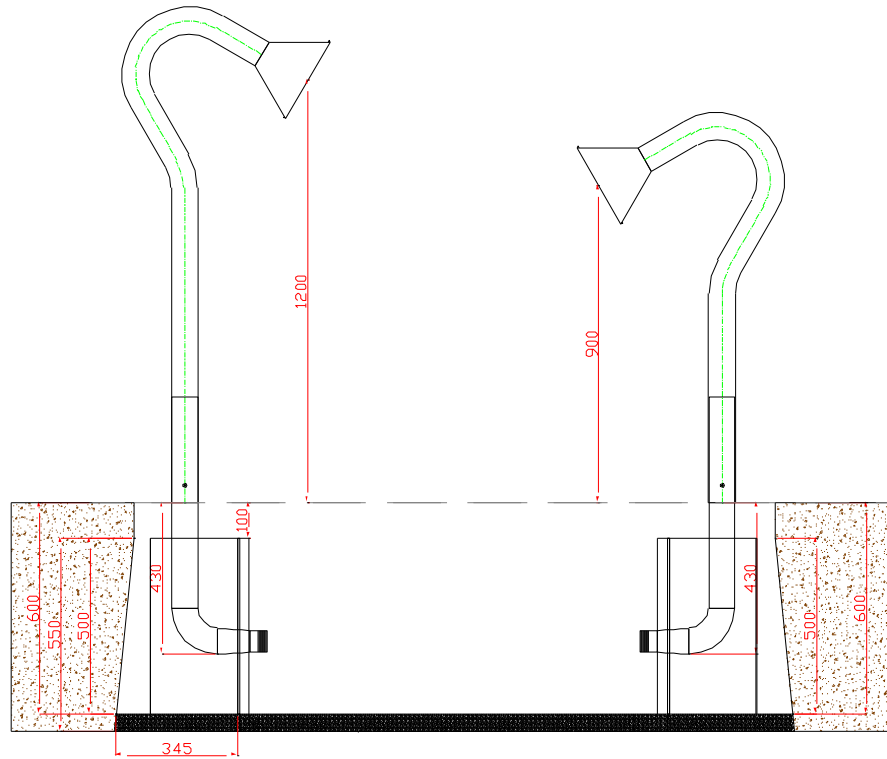
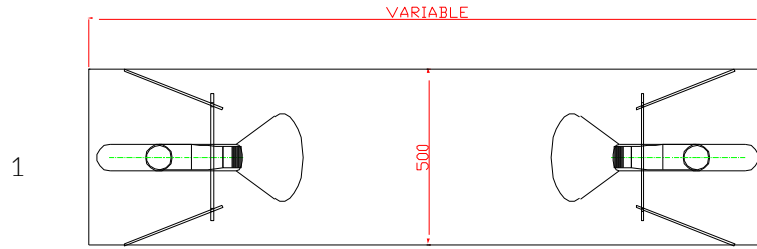
Thread Lock Solution  
Required (Not Supplied)

Spares available from  
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from your local distributor

15 Kg

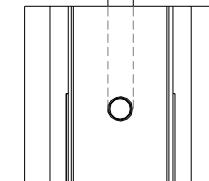
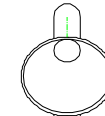
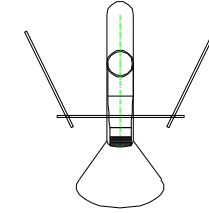
# Ground Fix Post Installation

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.



Excavate Trench with a 500mm by variable length according to customers requirements tapering down to 600mm depth

Compact base of hole with 50mm of aggregate. Lower Talk tube posts into each end of the trench (check instrument straight and level, and at correct height before filling with concrete)

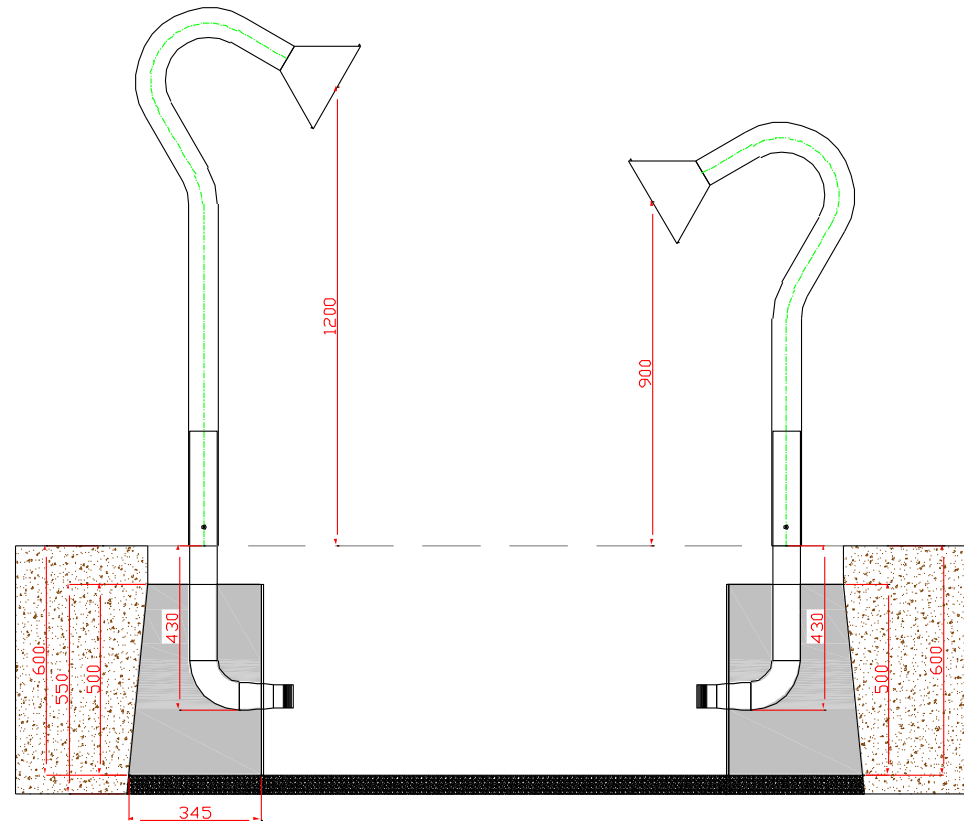
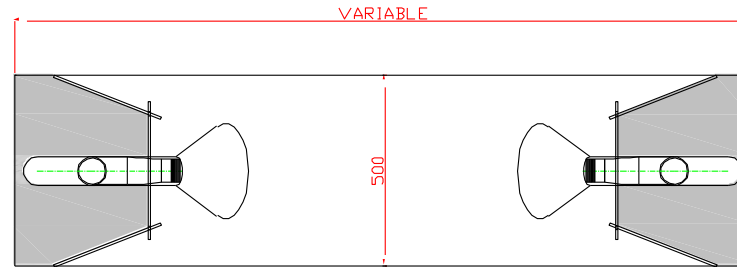


Insert the Threaded tube end through the hole in the jig provided, this should prevent the concrete from affecting the threads to attach the blue ground pipe



# Ground Fix Installation

2



Fill holes with fast drying concrete using MDF Jigs to manufacturers specifications to fix each talk tube in desired location making sure they are level

## Ground Fixed

Talk Tubes  
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Components:

Metric Conversion:  
50/ 2"  
100mm/ 4"  
345mm/ 13 37/64"  
500mm/ 19 11/16"  
600mm/ 23 5/8"  
900mm/ 35 7/16"  
1200mm/ 47 1/4"

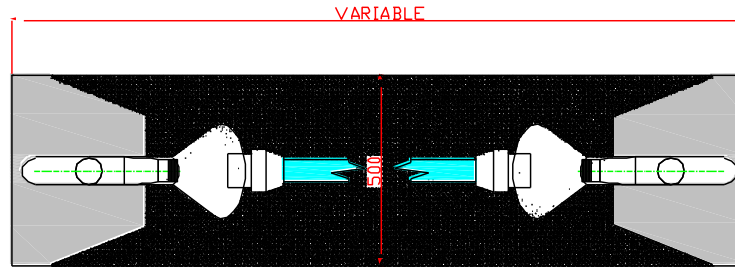
# Ground Fix Installation

Tools:



Coupler Tool

3



## Ground Fixed

Talk Tubes  
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### Components:



Joiner  
X5



Pipe Insert  
X12



Coupler  
X2



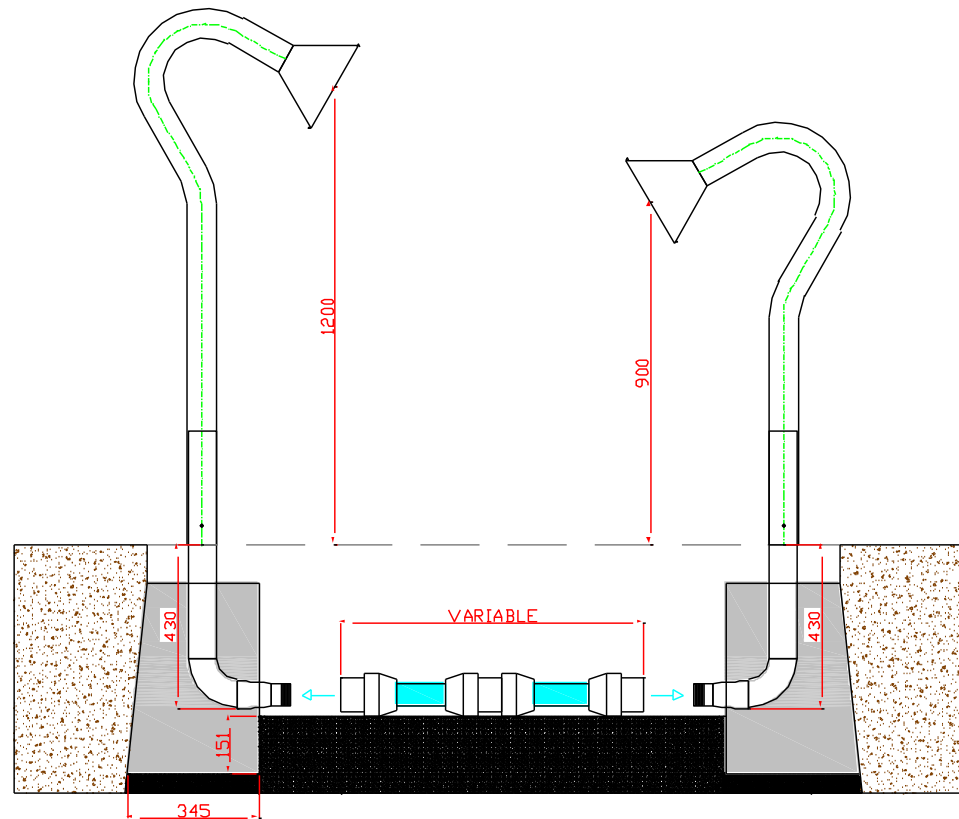
Blue Pipe  
X6



Push blue pipe into joiner making sure it passes the O ring



Tighten with hands then finish with wrench



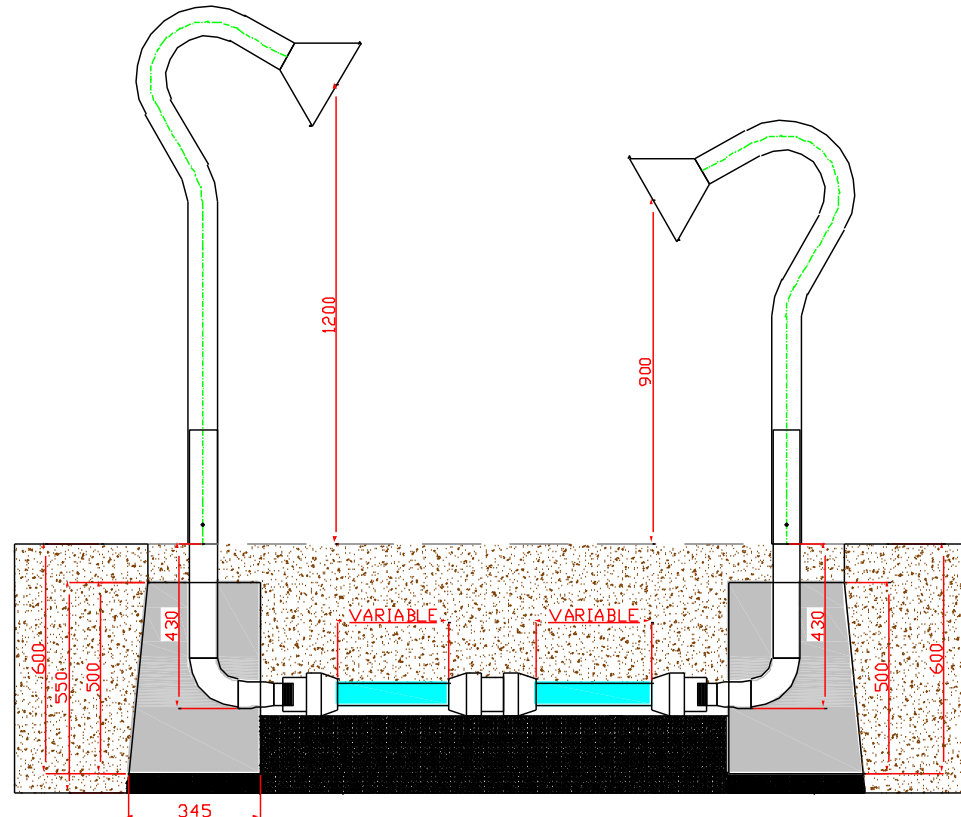
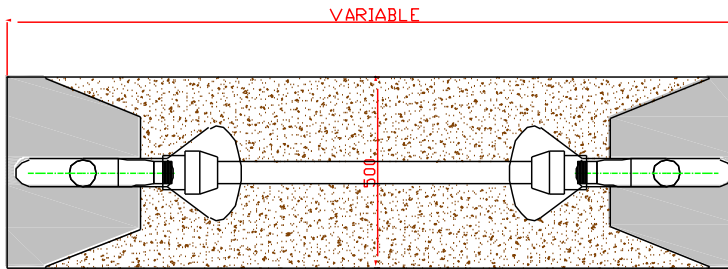
Remove MDF Jigs once concrete has set. Compact base of trench with 150mm of aggregate. Attach the blue underground pipe to the fittings and joiners, to span 12m will require 6 x 2m Blue pipe sections and 5 x Joiners

Metric Conversion:  
50/2"  
100mm/4"  
345mm/13 37/64"  
500mm/19 11/16"  
600mm/23 5/8"  
900mm/35 7/16"  
1200mm/47 1/4"

# Ground Fix Installation

Tools:  
 x1  
Coupler Tool

4



Once Blue pipe has been attached and tightened into place with tool provided back fill trench to ground surface

Metric Conversion:  
50/ 2"  
100mm/ 4"  
345mm/ 13 37/64"  
500mm/ 19 11/16"  
600mm/ 23 5/8"  
900mm/ 35 7/16"  
1200mm/ 47 1/4"

## Ground Fixed

Talk Tubes  
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### Components:



Joiner  
X5



Pipe Insert  
X12



Coupler  
X2



Blue Pipe  
X6