

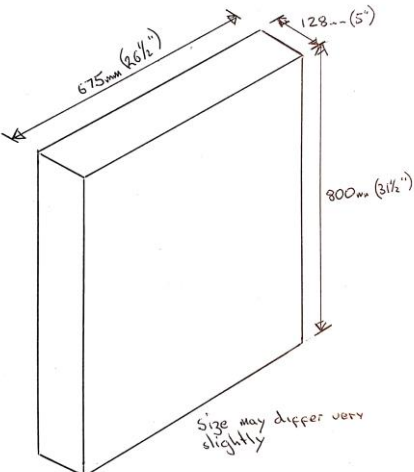


Maypole Bells



Home Bell Simulator Installing and using your Dumbbell




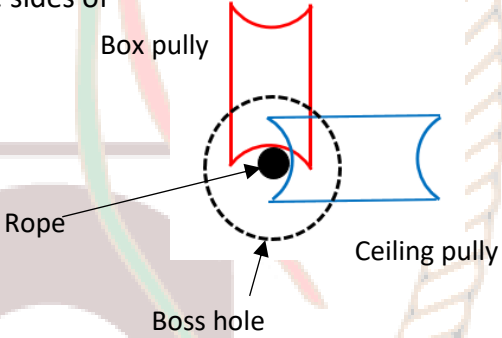
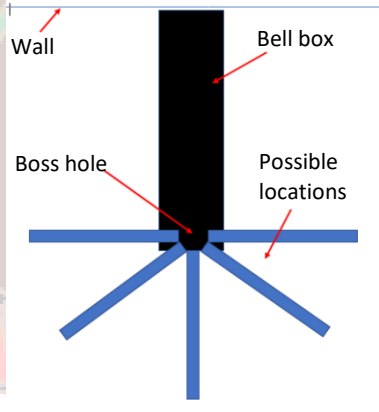

This dumbbell is designed for indoor/undercover use only

	TITLE	DETAILS
1	Outline	<p>1. Installing your dumbbell is quite simple for the average DIYer. The bell sits on the floor and needs securing to a wall and the double pulley system is fitted to the ceiling. 1 to 2 hours should be sufficient.</p> <p>2. The pack includes a variety of fixings and fittings to complete this task.</p> <p>3. The rope is pre-fitted for a ceiling height of about 2.4m (8') it can be adjusted for other heights (section 11) when assembly is completed The tail can be fine adjusted at the end (section 12) <i>We have never had to adjust the 'Maypole 6' for children or adults</i></p> <p>4. Dimensions: length 675mm (26½"), height 800mm (31½"), width 130mm (5")</p>  <p><i>If your floor is not square with the wall or not level, then a small wedge or packer may be required</i></p>
2	Tools	<ul style="list-style-type: none"> • Battery drill/driver / PZ2 screwdriver • 13mm spanner or grips (to undo the wheel transport bolt) • Scissors to cut packaging • Tape measure • Level or plumb line • <i>Little bit of human effort</i>
3	Fixings/fittings	Various screws, wall packer, 2 wall plates and ceiling batten,
4	Unpacking	Refer to unpacking instructions
5	Choosing a suitable location for bell box & rope pullies	<p>You just need a ceiling height of about 2.3m (7'6"), somewhere to stand or sit for ringing and a space for the laptop</p> <p><i>Note: if your ceiling height exceeds 2.7m (8'10"), then you will either need a batten support beam or longer rope to be made</i></p>



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<p>6 Fixing to the wall & skirting board (if fitted)</p>	<ol style="list-style-type: none"> Many walls have skirting boards fitted so I have provided a wall packer that can be fitted to the wall towards the top or the bell box  <ol style="list-style-type: none"> Screws can be put through the frame into the packer or directly into the wall (best to drill a clearance hole through the frame) 2 right angled metal brackets to attach the bell to the skirting board <p><i>Fixings into the wall are not provided</i></p>
<p>7 Rope</p>	 <p>Pass the rope and sally behind the pulley wheel and up through the boss hole, ensuring that the rope is not tangled and between the wheel flanges.</p>
<p>8 Fixing the ceiling pully batten and pullies</p>	<p>NOTE: It is important that the ceiling pully aligns with the bell box pully so that the rope clears the sides of the boss hole</p>    <ol style="list-style-type: none"> The batten provided should be sufficiently long enough to get at least one fixing into a joist Distance between ceiling pullies is not important (minor adjustment of the rope length may be required) <i>my ceiling pullies are set at 270mm (11") centres</i> Align the ceiling batten to the bell box to suit your preferred ringing position and the space in which it is fitted Screw both pullies to the batten <p><i>Fixings into the ceiling are not provided</i></p>
<p>9 Setting the rope</p>	 <p>When you have the above tasks completed then check that the rope is central to the boss hole and up/over/down pully</p>



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10 Practice ring

Your bell should now be ready to test.

Note 1: Using a smaller diameter wheel significantly reduces the length of rope required, than you experience in a church bell tower.

Note 2: It is not necessary to raise your hand above head height when ringing a mini ring. Short, smooth, vertical pulls will give you better bell control

Note 3. Remember you are only ringing with a 3kg (6.6lb) weight/dummy bell

Hold the tail in one hand (for me left) and the sally in the other pull straight down on the sally until the weight is as the picture. After practice this is usually achievable with one jerky pull.

1. When the bell is in the hand stroke set position, the green weights will be nearest to the wall and still visible, the top of the sally needs to be about eye level (see section 11 for adjusting the rope)



Wall side



Rope/pully side

2. Pulling off on the hand/sally stroke the bell wheel will rotate and can then be held in the **backstroke** position, the green weights are nearest to you and still visible
3. 1 and 2 represent the approximate position for every hand and back stroke. Letting the weight set lower will not damage anything but will be annoying when the rope comes off the wheel. This is possible when first starting.
4. To reset the rope carefully unwind the wheel sometimes 2 or 3 rotations depending on how over ambitious the ringer was. Reset the bell and off you go again.

You should get into a reasonable rhythm within a few minutes

11 Adjusting the rope (Top)

If you need to adjust the top rope?

1. Let the weight fall to the bottom
2. Get a short piece of wood ready
3. Turn the wheel by hand until you can see the end of the rope fixed to the side of the wheel.
4. Carefully place the piece of timber through the spoke to secure the wheel in place (it may be necessary to adjust this once or twice)
5. By removing or loosening the fixing clips you will be able to adjust the rope height through the garter hole.




6. Hand tighten all fixings and remove the piece of timber before resuming to ring. Repeat as required



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12	Adjusting the rope (tail)	The tail end can be adjusted by loosening the rope twists where the end has been turned in and pull/push to your desired length
13	Connecting the sensor to your computer	<p>The sensor and contact magnet are already fitted to the frame and bell, all you need to do is connect cables.</p>  <p style="text-align: center;">Connect to your desired software and follow their setup instructions Abel / Beltower / Virtual Belfry</p>
14	Removing the dumbbell wheel	<p>Should you need to remove the wheel you will need a 15mm spanner or grips and a P22 screwdriver</p> <ol style="list-style-type: none"> 1. Pull the rope out of the top pulleys through the boss and down through the bell pulley 2. Remove the bell pulley 3. Undo the two wheel nuts (<i>these nuts are an unusual thread so keep them in a safe place</i>) 4. Lift the wheel out carefully (there is a square plate and round washer on each side) save for replacing 5. Do whatever it is you want to do and and replace in reverse order. <p>Note: There is no need to over tighten nuts or screws</p>

Health, Safety and Environment

Risk	Precautionary Measures
Manual handling (22kg/48lb when delivered)	<ol style="list-style-type: none"> 1. Weight clearly marked 2. Ensure that the person lifting/carrying is fit 3. Hand holes are positioned at the top on both sides 4. Clear away all trip hazards
Work at height	<p>Minimal work at height is required. Use proprietary hop up or steps (do NOT climb on chairs)</p>
Finger entrapment (assembly/adjustment)	<p>As soon as the travel bolt has been removed the weighted wheel is free flowing. Follow installation and adjustment instructions above</p>
Finger entrapment (others)	<ol style="list-style-type: none"> 1. Always keep children and pets away from the rotating wheel 2. Do NOT tie the wheel in its upright position
Clothing entrapment	As with all ringing wear appropriate clothing
Electric shock	Output voltage from USB port to operate the sensor is low (only 5 volts)
Environment	Dispose of all rubbish in accordance with your local authority rules

For further advise call 07860 770535 or email trevor@maypolebells.co.uk Trevor