



Multi-Species Towers

INFORMATION & SPECIFICATIONS



Peak Boxes

Overview

The multi-species towers are designed to accommodate Swifts, Swallows, House Martins and Bats successfully.

The flexibility of the designs allows us to alter the size, the target species, and the mounting of the towers, depending on need.

We offer 3 different sizes of our tower. They are all based on the same fundamental design, and all can be altered to accommodate the species you want.

We can easily alter the nesting areas to be suitable for Swallows or smaller species. Swift, Swallow and House Martin all coexist, so a combination of areas can work well.

Our House Martin and Swallow cups are 3D printed in wood PLA (wood dust and corn starch). They will bio-degrade in specific conditions. The tower itself is constructed from our signature ply which meets the requirements for grade III exterior use. All adhesives and finishes we use are water based and environmentally friendly.

Our designs take the very best knowledge available in the UK to create the optimum nesting sites for species. We combine this with expertise in woodworking and product design to create a sustainable and effective solution for bird and mammal conservation.

Images



Large Tower with House Martin focus



Small Tower Multi-species



Small Tower Multi-species

Tower Sizes

SMALL

Number of layers	3
Diameter	110cm
Height of top	52cm
Material for pole (Supplied)	Steel
Height of pole to base of nest unit Wood	500cm maximum
Height of pole to base of nest unit Metal	560cm maximum
Number of Swift nest sites	16
Number of House Martin Cups (Capacity)	32
No of House Martin Cups supplied	12
Solar Powered Call System Included	Yes
Number of Bat Compartments (in roof)	8
Price (VAT inc) ex. delivery	£2,450

MEDIUM

Number of layers	4
Diameter	144cm
Height of top	70cm
Material for pole (Supplied)	Steel
Height of pole to base of nest unit Wood	500cm maximum
Height of pole to base of nest unit Metal	560cm maximum
Number of Swift nest sites	40
Number of House Martin Cups (Capacity)	64
No of House Martin Cups supplied	24
Solar Powered Call System Included	Yes
Number of Bat Compartments (in roof)	8
Price (VAT inc) ex. delivery	£3,450

LARGE

Number of layers	5
Diameter	178cm
Height of top	88cm
Material for pole (Supplied)	Steel
Height of pole to base of nest unit Wood	
Height of pole to base of nest unit Metal	560cm maximum
Number of Swift nest sites	72
Number of House Martin Cups (Capacity)	104
No of House Martin Cups supplied	36
Solar Powered Call System Included	Yes
Number of Bat Compartments (in roof)	8
Price (VAT inc) ex. delivery	£5,000

Materials

PLY

At the point it leaves the mill, in excess of 600 kgs of CO₂/m² is stored in the ply – and that includes transport from the PEFC licensed forests and all the manufacturing processes such as energy, packaging and waste disposal. By the time it reaches us the carbon capture is in the region of 590 kgs/m².

The ply has excellent water resistance, the surface is breathable and water vapour can move freely. This is one of the reasons why our ply will not delaminate, unlike others available.

We use 18mm thickness ply which has given our boxes extra structural stability and also has the advantage of keeping the boxes cooler – helped by designs that incorporate more ventilation.

Materials

NESTING CUPS

Our nesting cups and nest clasps are 3D printed to reduce any waste or over production.

Our nesting cups are made using cornstarch and sawdust. They are bio-degradable in specific conditions. They will not bio-degrade while in use, it requires high heat. They are designed to be mounted directly onto the tower as the mounting bracket is integrated into the design.

Our clasps are 3D printed using carbon fibre so they are extremely strong and durable.



Materials

PAINT

We paint the roofs of the tower to increase the heat reflectivity so the nesting sites maintain a more consistent temperature during the summer months.

The paint protects the ply, making a waterproof surface to endure the elements. It is water-based to minimise environmental impact.

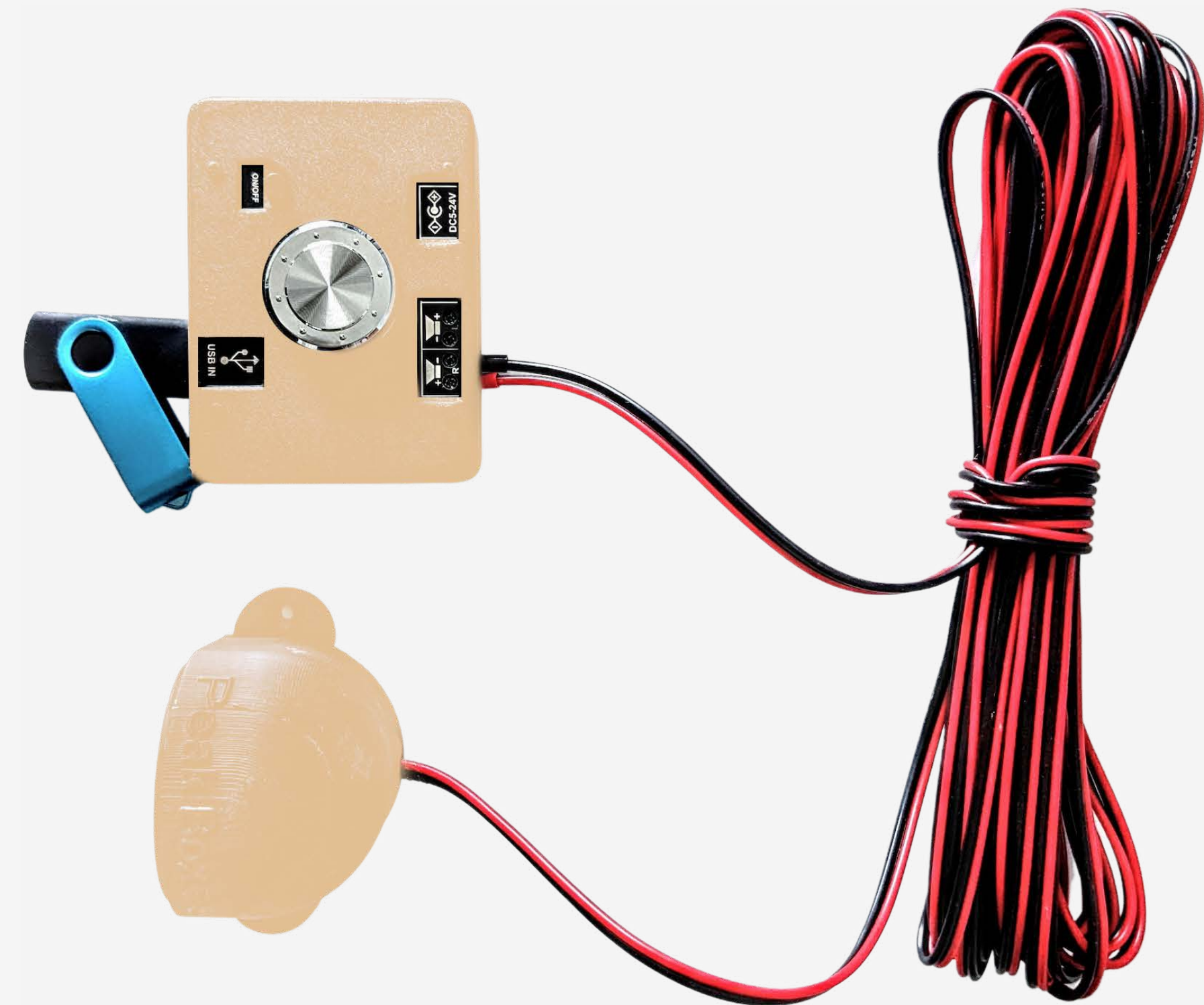


Sound System

SOLAR POWERED

Each unit is supplied with a waterproof speaker, 10 metres of cable, a USB stick with one pre-recorded swift/house martin call, and a solar panel.

The sound systems are effective at drawing birds to the tower and encouraging nesting.





Alternate Design

When installing multiple towers, we like to offer an alternate design specifically developed for swifts.

Installing two different designs of tower can increase the visual appeal of the landscaping.

The Beehive Tower is specifically designed for Swifts. It can house up to 32 nesting sites.

The Beehive Tower has an internal chimney, giving excellent ventilation. This helps regulate the temperatures inside the nesting compartments. This is ideal for Towers that will be placed in very sunny or warm aspects.

These are the same price as the LARGE TOWER.

Delivery & Installation

INSTALLATION

- We install the poles and towers ourselves using a small team.
- We require vehicle access to the installation site, or near. Up to 20m away is fine.

GROUND MOUNTING

We mount the poles onto ground screws using a method that ensures the pole will float 2mm+ off the base of the screw.

We use galvinated steel ground screws. The length of ground screw depends on the substrate they are going into.

Our poles are steel, painted with a metal paint. This can be customised. As standard, the poles come painted forest green.

DELIVERY FEES

- Delivery within 50miles of Hope Valley, included in price.
- Delivery between 50-100miles of Hope Valley +£100
- Delivery between +100miles of Hope Valley +£250



Thank You

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