

# RESOLUTION FLYING SYSTEM



The patented Resolution Flying System is both innovative and simple. It facilitates precise arraying and trimming of the spherical array whilst preserving the geometrical order necessary for coherent sound.

Touring Resolution 4s, 5s and 18s are dimensionally identical to each other and share all necessary inter-cabinet flying hardware. A five wide, three deep Resolution 5 cluster with downfills weighs less than 1 ton and flies from a single point. The simplicity with which the cluster clips together, combined with the lightness and small size of the enclosures, makes working with the system straightforward from a handling and rigging perspective, as endorsed by enthusiastic users worldwide. As an aside, the 'flying' system is also convenient when ground-stacking. Enclosures can be easily and securely linked together and aimed.

**Weights:**

- FG53 Grid and 5 shackles - 31.25kg
- Chan bridle (c/w rear leg hoist) - 11kg
- 3 column hangers & tilt straps - 15kg

**Total flying weight without Loudspeakers - 57.25kg**

**Weights:**

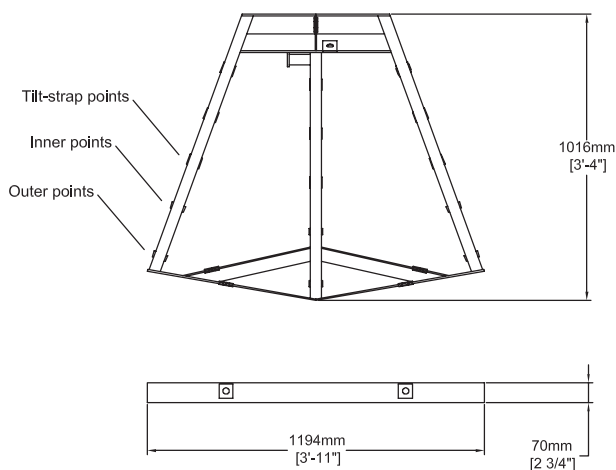
- FG55 Grid and 5 shackles - 54.25kg
- Chan bridle (c/w rear leg hoist) - 11kg
- 5 column hangers & tilt straps - 25kg

**Total flying weight without Loudspeakers - 90.25kg**

To calculate system weight just add: 49kg per R5; 46kg per R4; 41kg per R18; 20kg per R4D

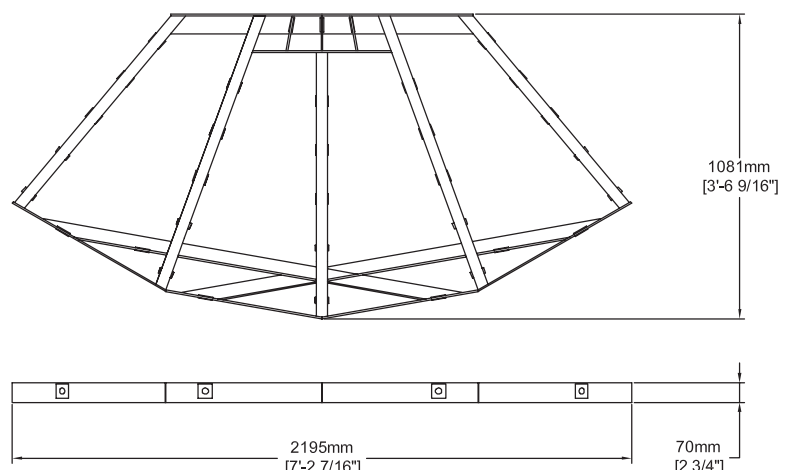
**There are no other parts**

FG53



This grid can be used to fly 3 wide R5s & R18s or 2 wide R4s (with R18s on centre radial)

FG55



This grid can be used to fly 5 wide R5s & R18s or 2 wide R4s (with R18s on centre radial)



Back leg of bridle is a 1/2T hand chain hoist (HH505), this enables the grid to be easily leveled when loaded. Hand chain drops down behind cluster, through guide, for easy access.

Two front legs attach to Grid

Bridle attached to Grid using three 3.25T bow shackles (SH325). Separate safety points provided.

Alternative position for CH5 for a tighter cluster.

Column Hanger (CH5) attached to grid with sprung sword pin

Safety steel

Centre radial of Flying Grid

R4, 5 & 18s incorporate internal steel bars transferring load through the cabinet. (Each proof loaded to 500Kg.)

Tilting Strap (TS5)

Hinge point

"Biscomatic" sets angle between vertically adjacent cabinets in 2.5° increments. This provides easy adjustment even after cluster is flown.

Side elevation of centre (typical) column of Resolution spherical cluster

Opened antiluce pin passes through hole in sprung tab as it hinges down from Resolution cabinet above. Closing antiluce pin locks cabinets together whilst maintaining hinge action.

The grid or partially completed cluster is raised by the height of one cabinet to attach each successive row.