**Date:** 05.03.2012

Setup by: Brad Ward

38% of load limit

# Main L/R Q-Series flown Load OK

# Listening planes

| P1        | x (dist.) | height | width |
|-----------|-----------|--------|-------|
| Front:    | 0 m       | 0.0 m  | 22 m  |
| Back:     | 11 m      | 0.0 m  | 0 m   |
| Listener: |           | 1.7 m  |       |

| P2        | x (dist.) | height | width |
|-----------|-----------|--------|-------|
| Front:    | 33 m      | 0.0 m  | 40 m  |
| Back:     | -33 m     | 0.0 m  | 40 m  |
| Listener: |           | 1.7 m  |       |

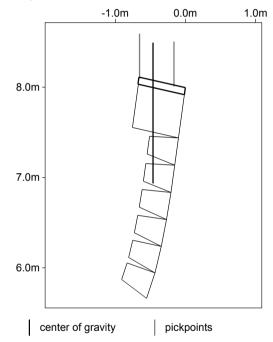
### Load

Load OK 38% of load limit within BGV-C1 limits

Total mass: 194 kg

Height of lowest edge: 5.66 m

### Array view



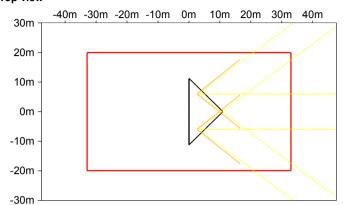
# Array settings

| Position x:         | 3.0 m   | Position y:  | 6.0 m |
|---------------------|---------|--------------|-------|
| Frame height front: | 8.0 m   | No. of Q-SUB | 1     |
| Horizontal aiming:  | 0.0 °   | No. of Q1    | 6     |
| Frame angle:        | -10.0 ° | No. of Q7    | 0     |
| Delay (ahs ):       | 0.3 ms  |              |       |

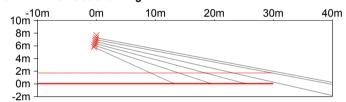
## **Pickpoints**

|                 | Rear    | Front   | Distance | Single  |
|-----------------|---------|---------|----------|---------|
| X:              | 2.34 m  | 2.84 m  | 0.49 m   | 2.54 m  |
| Y:              | -6.00 m | -6.00 m | 0.00 m   | -6.00 m |
| Load:           | 118 kg  | 76 kg   |          | 194 kg  |
| Pickpoint hole: | 27      | 7       |          | 19.25   |
| Position:       |         |         |          | 46.7 cm |

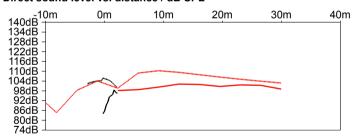
# Top view



### Main L/R: Profile at 0° aiming



### Direct sound level vs. distance / dB SPL



## Signal selection Air absorbtion

| Level (dBu): | 0.0     | On / Off:    | Off       |
|--------------|---------|--------------|-----------|
| Curve 1:     | 4000 Hz | Temperature: | 20 °C     |
| Curve 2:     | 250 Hz  | Humidity:    | std - 60% |

