osu!arcade v2

Design Document

Revision History:
2012/06/24 Initial Version
2012/06/27 Added top cover

Figure labels (on image):
- 875
- 495
- 198
- 198
- 434
- main internal support
- internal speaker supports
- internal speaker supports
- osu!arcade v2: top
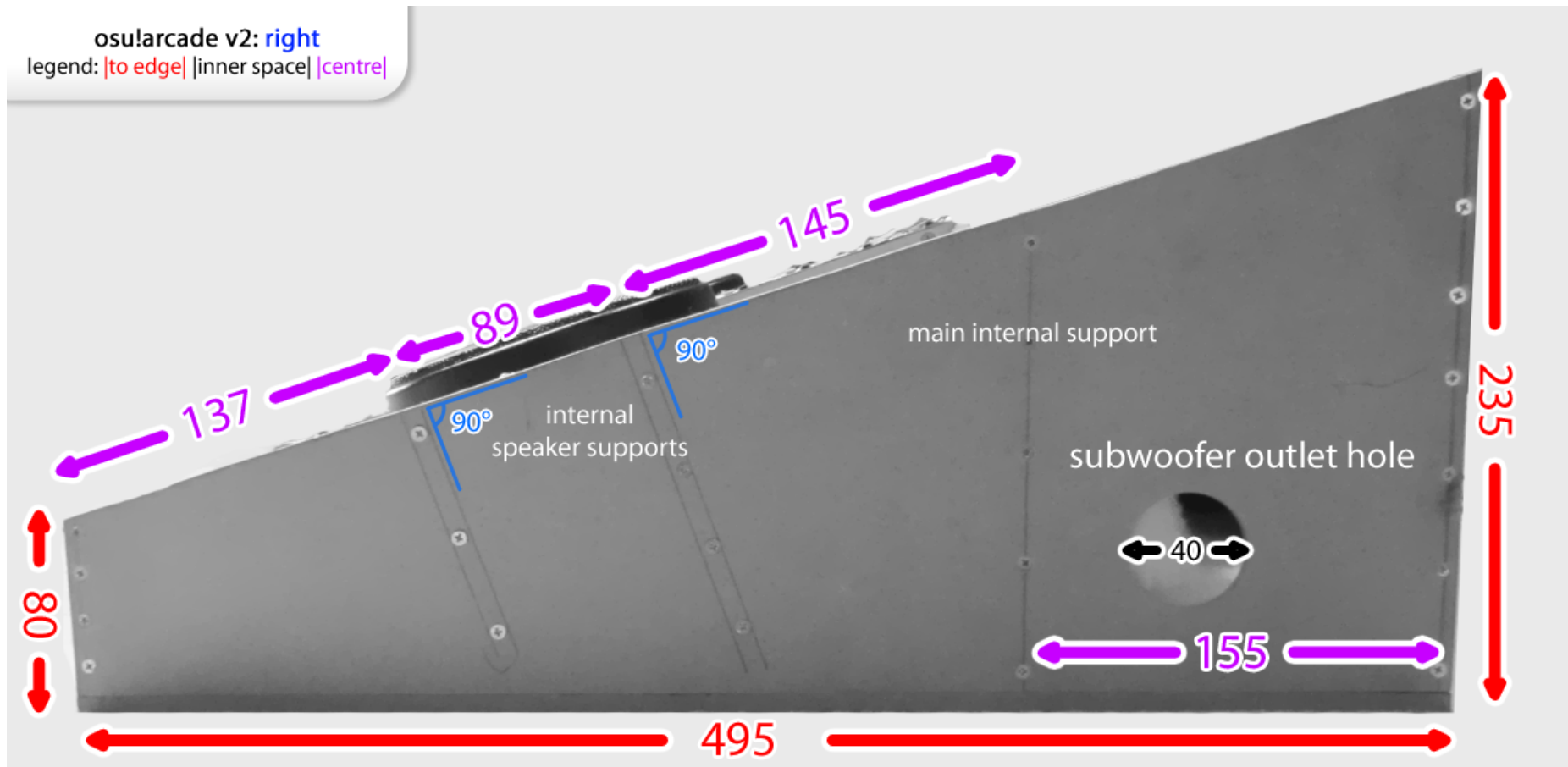- legend: |to edge| |inner space|
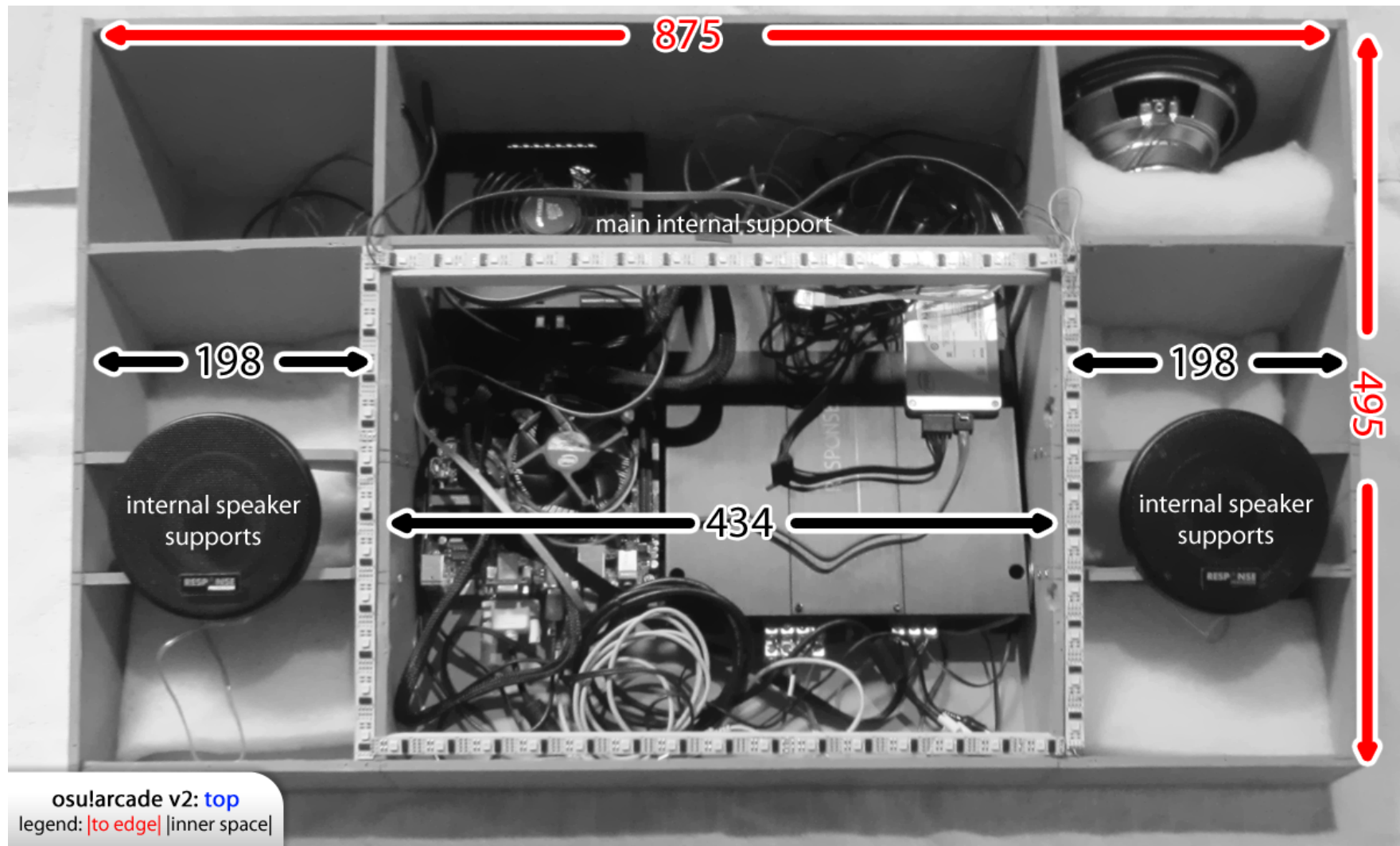
- screen rests on central supports (4.5kg)
- components in centre weight approx. 4kg
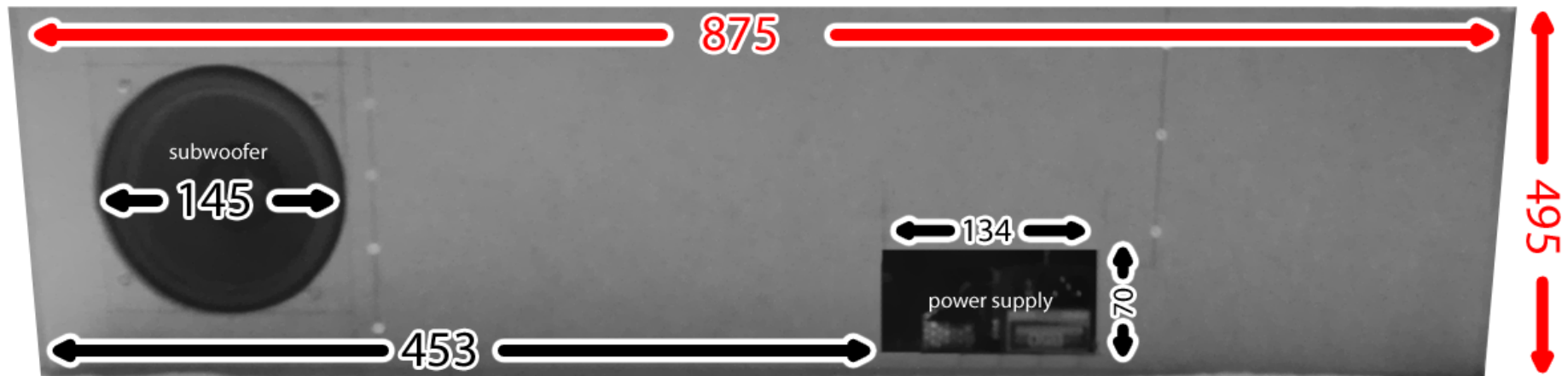- left and right speaker 700g ea. subwoofer (attached to back plate) ~1kg

main internal support

internal speaker supports
(see right view)

235

80

495

osu!arcade v2: right
legend: |to edge| |inner space| |centre|

145

89

137

90°

90°

internal
speaker supports

main internal support

subwoofer outlet hole

40

155

235

80

495

4

osu!arcade v2: back
legend: |to edge| |inner space|

875

495

subwoofer

145

134

power supply

70

453

- further small cutouts to be added next to power supply for cable connections (2-3)

875

209

229

417

229

515

Speaker

Speaker

64

Screen

64

102

45

102

osu!arcade v2: top cover
legend: |to edge| |inner space|
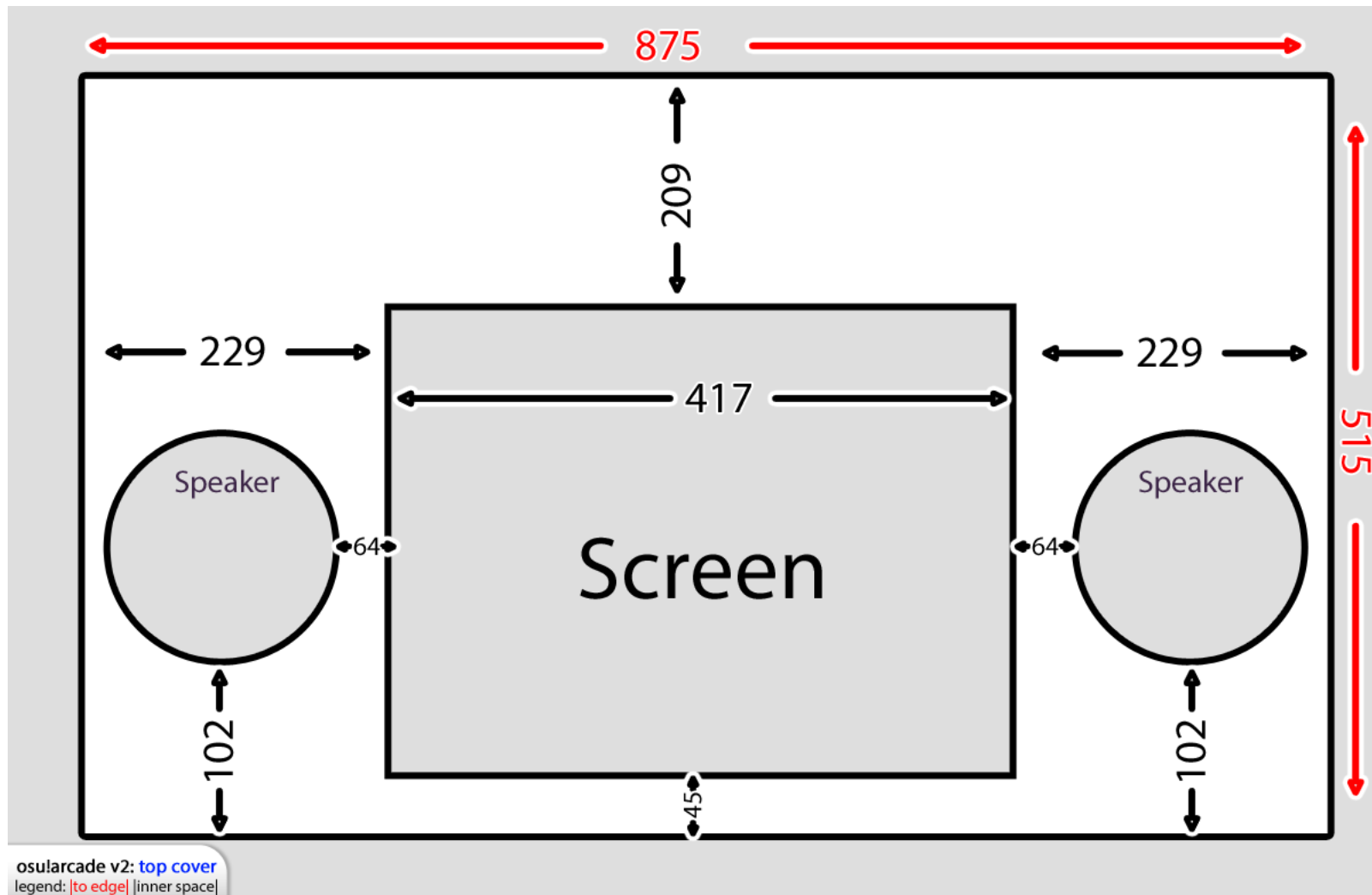
- top sheet using 3mm (arctic ice / polar white) perspex
- should be hinged at the back (top) and preferrably detachable when hinge is open.
- will need screws or alternative method of fixation on sides/bottom/supports as necessary.