

# QUIZSYSTEMS

## Guide to creating suitable scoreboard graphic backgrounds

### Overview

This document is intended primarily as a client guide and is aimed at making the production of themed scoreboard backgrounds (typically in a style relating to the event), easy to understand and implement.

### Screen & File Format

The first step in the production of any scoreboard background is to establish the screen ratio that will be used at the event (typically, but not always, 4:3 or 16:9) and the resolution of the projector(s) and/or screens that will be used (this will be a figure in pixels).

For 4:3, typical resolutions will be 1600px x 1200px, 1280px x 960px and 1024px x 768px.

For 16:9, full HD, so '1080i' or '1080p', has a resolution of 1920px x 1080px, with 1280px x 720px being '720p'.

Note that HD displayed on (domestic/semi-pro 16 x 9 monitors (Vs a projector) sometimes needs an additional 'safe' area and here we work to 1872px x 1054px.

Having considered the above and advised and discussed with us on the final format and resolution, we would prefer you to produce your graphics (unless this presents a problem due to the quality of the source material being used) at the maximum resolution for the screen ratio.

I.E...

4:3 screens at 1600px x 1200px

16:9 screens at 1920px x 1080px

16:9 monitors (with limited adjustment) 1872px x 1054px

In all cases your graphics should be 72dpi.

Once received, as part of our pre-production graphics work, we will then scale the background appropriately so that our on-site graphics PCs match the desired format.

Whatever the chosen master frame size, files will normally be supplied to us either as direct Photoshop files or alternatively as hi-res .jpg images. Other formats (those commonly supported by Photoshop) are also acceptable.

### 4:3 Output

We require a minimum of two files as follows...





As you can see by studying the two graphics shown above, the second one is purely a positional guide and is required so that we can place the 'live' elements of the scoreboard exactly where you want them.

I.E. Any element we are 'adding' (obviously the scores, perhaps the team names as well), needs to be present in the guide and absent in the main graphic.

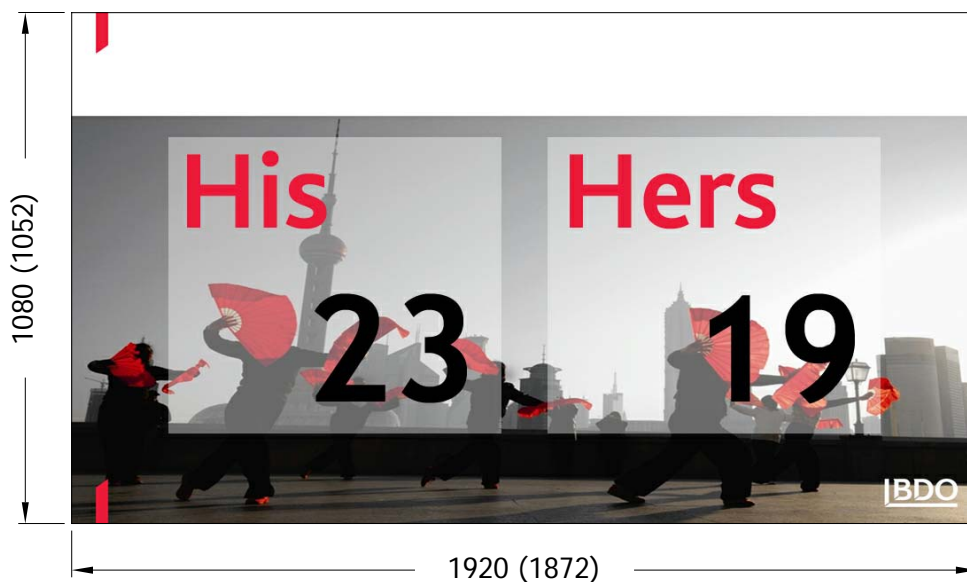
If you'd rather, you can supply all this as one Photoshop file as long as the guide elements are on separate layers (so we can remove them).

Note that if you are unsure which team will sit where on the day and the names are NOT being keyed by us live, you may need to provide alternate backgrounds reflecting different stage layouts.

## 16:9 Output

*Note that in the following pictorial examples the numbers in brackets reflect the 'safe area' for domestic/semi-pro monitors.*

We require a minimum of two files as follows...



As you can see by studying the two graphics shown above, the second one is purely a positional guide and is required so that we can place the 'live' elements of the scoreboard exactly where you want them.

I.E. Any element we are 'adding' (obviously the scores, perhaps the team names as well), needs to be present in the guide and absent in the main graphic.

If you'd rather, you can supply all this as one Photoshop file as long as the guide elements are on separate layers (so we can remove them).

Note that if you are unsure which team will sit where on the day and the names are NOT being keyed by us live, you may need to provide alternate backgrounds reflecting different stage layouts.

### Fonts (for either format)

Whist any font can, of course, be used in the background graphic, the font used for making up the scores (and indeed the team names if these are also being keyed live) must be a standard True Type available for Microsoft Windows. Do not apply any photographic effects (drop shadows etc) to this font (in your positional guide) as we cannot reproduce these effects live.

Normally the font size should be chosen so that up to three numbers can be shown (please judge this with 'wide' numbers - i.e. not a '1'), but if it is felt that the score will never be greater than 99 (or less than -9) then a larger font (for two numbers) can be used.

In addition to the graphics files the following font information should be supplied with your data...

- Font name (and if italic or bold)
- Font justification - i.e. left, centre, or right

This information is necessary as we use the screen graphic background that you supply (the one with guide scores shown) in order to exactly position the 'live' score data (using an identical font).

### **QUIZSYSTEMS graphics production**

If you would rather that we produce the required backgrounds, we are more than happy to undertake this task on your behalf.

Note that we will require any logos and other branding materials to be supplied as either Illustrator .ai or .eps files. Alternatively, should you wish, we can (subject to material suitability of course) lift backgrounds (to use and modify) from your Powerpoint presentation.

### **Contact Details**

If you have any specific questions relating to the content of this document, please do not hesitate to call us.

**QUIZSYSTEMS**

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