

## Mapping Unusual Video Wall Arrays

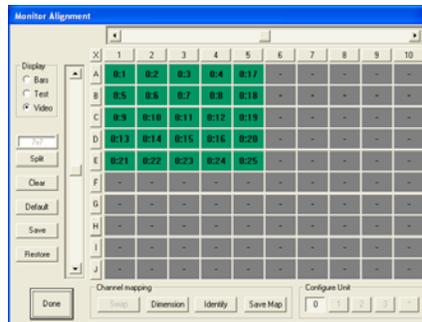
Often users want to align unusual arrays for example with large gaps between monitors as shown in the example below. Or asymmetric arrays like 6x2.



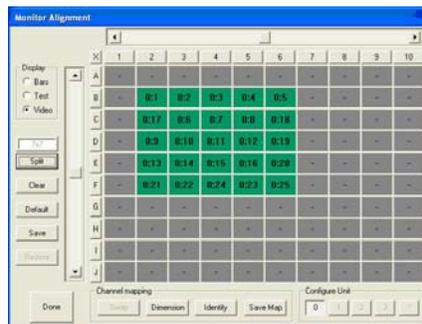
In the example above, a 5x5 array has been implemented with large gaps between the monitors. In this case the displayed image must be magnified greater than 5x5 to ensure correct alignment on the array.

In this case a 7x7 magnification should be set to compensate for the gaps. But the position of the 5x5 array of monitors is important in order to have sufficient range of alignment adjustment using the control software.

The default processor monitor mapping will cause the top left portion of the video image to be displayed as shown on the software alignment menu below.



The 5x5 array of monitors should be remapped to the centre of a virtual 7x7 array in order to have sufficient alignment adjustment range via the alignment menu. As shown below.



You can do this manually as follows, or you can download a special mapping file to the processor (see below).

**Manual Mapping using Align Menu**

To map 5x5 array to centre of a virtual 7x7 array, use the Swap function on the Align menu.

Click individual monitor green box at bottom right (E 5).

Click Swap.

Click on empty box F 6.

Click on monitor E 4.

Click Swap.

Click on box F 5.

Repeat this procedure until you have moved the entire 5x5 array to right one column and down one row.

Click Save at bottom right (this will save the new monitor map - MONMAP.CFG - to processor memory).

Set Split switch on processor = 7.

Reboot the processor.

Now you can use the alignment menu again to line up your monitors to take account of the gaps. Use split = 7x7.

**Quick Mapping using Download**

Unzip the file MONMAP.CFG provided on the CD to (e.g.) My Documents/Videowall

Click Flash in top menu.

Click Sector 2.

Click Download.

Browse for the file (you will need to use "all files" to see the file in the explorer window).

Click Open (this will download the file to Sector 2 of the flash memory).

Set Split switch on processor = 7

Reboot processor.

Now you can use the alignment menu again to line up your monitors to take account of the gaps.

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