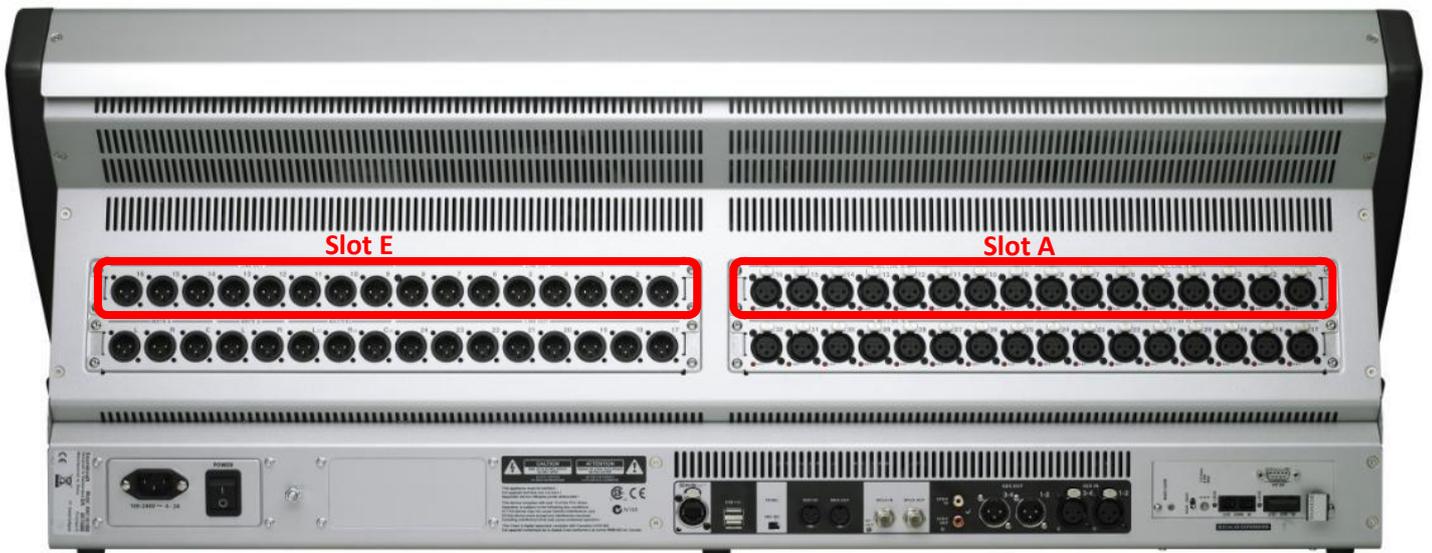# Using the *'16in & 16 Out AES Card'* with the Vi1 console

The '16in & 16 Out AES Card' (part number 5019847) can be fitted to either the Compact Stage Box or the Vi1 console. With the Compact Stage Box all 3 slots (A,C & E) can be loaded with this card to provide 48x48 AES I/O.

When using this card with the Vi1, only one can be fitted and it must be loaded into either of the upper I/O slots (Slots A & E, as identified below).

The card will require two I/O ribbon cables used connect to a standard 16 channel card to the main board. The image below (on the left) shows standard analog cards connected with one ribbon cable each. The image on the right highlights the two connections on the 16 x 16 AES card. As two cables are used the other upper card slot, which is not loaded with this card, will need to be a blank plate (part number C049.020534).

To Slot E ribbon cable (outputs)   To Slot A ribbon cable (inputs)   Power   (Sample Rate convertor bypass sw's)