



# Digital Option



## OCTOPRE DIGITAL OPTION INSTALLATION GUIDE

The kit should contain: -

Qty	Description
1	Digital card
5	Plastic support posts
1	Large nut and shakeproof washer (for BNC connector)
2	440 UNC fixing posts (for 9-way 'D' sub connector - AES option only)

Tools required: -

- No. 1 crosshead screwdriver.
- M3 nut driver/spanner.
- 16mm socket

### WARNING!

**THE MODULE SHOULD BE DISCONNECTED FROM THE AC POWER BEFORE ATTEMPTING TO CARRY OUT THE FOLLOWING INSTRUCTIONS.**

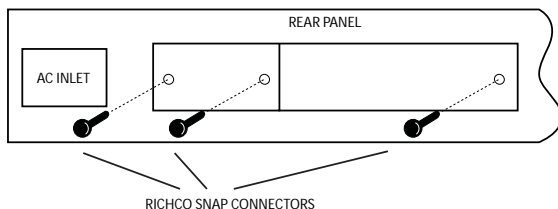
**ALLOW THE MODULE TO COOL BEFORE STARTING INSTALLATION OF THE DIGITAL OPTION.**

ANTI-STATIC PRECAUTIONS SHOULD BE TAKEN WHEN HANDLING THE CARD OUTSIDE OF ITS ANTI-STATIC BAG; ONLY HANDLE THE CARD BY GRIPPING THE CARD BY ITS EDGES AND AVOID TOUCHING ANY OF THE COMPONENT PARTS OTHER THAN THE CABLE AND CONNECTORS. PLACE THE UNIT ON A CLEAN, FLAT SURFACE.

### Top Cover Removal

Remove the 10 crosshead screws securing the top cover. Remove the top cover.

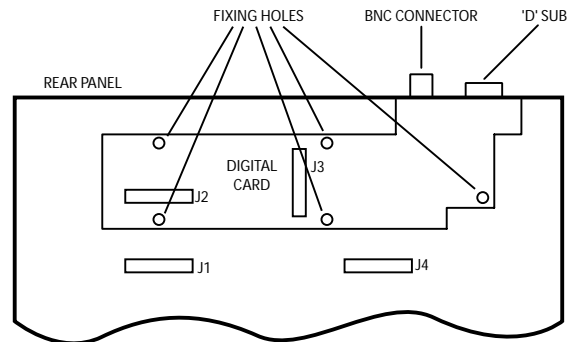
### Digital Option Cover Removal



The rear panel digital connector is accessed by removing the two small rear cover plates. To remove the cover plates push the 3 Richco snap rivet inserts from inside the unit, then pull out the rivet body from the rear panel.

**ATTENTION: If AES option is not installed retain the smaller cover and two Richco snap rivets to replace after installing digital card.**

### Installing Digital Card



1. First insert the five plastic support posts into the holes provided in the main lower circuit board. These push/snap into place.
2. Remove the large nut and shakeproof washer from the BNC connector and the two 440 UNC fixing posts from the 9-way 'D' sub connector on the card (if installed – AES option only).
3. Offer the digital card to the inside of the unit to locate the BNC and 'D' sub connectors to the rear panel. Line up the five plastic support posts to the holes in the digital card and push the card down onto the posts to snap into position.
4. Ensure the card is not touching any of the capacitors on the OctoPre. If necessary, carefully bend the capacitors so that they clear the underside of the digital card.
5. Fix the large nut and shakeproof washer to the BNC connector and tighten. If the AES 'D' sub connector option is installed, locate the two fixing holes and secure the 'D' sub connector with the two 440 UNC fixing posts and tighten. If the AES option is not installed, replace the smaller cover plate and secure with original snap rivets.
6. Finally, connect the 10-way ribbon cable J3 (on digital card) to the J4 connector on the main lower circuit board, and the 10-way ribbon cable J2 (on digital card) to the J1 connector on the main upper circuit board.

### Replacing the Top Cover

The top cover should now be replaced, using the 10 crosshead screws, to secure it firmly to the chassis. The installation is now complete and the unit can be reconnected to the AC power.

### Notes

- When syncing to an external clock the sampling frequency should be set to match between the two pieces of equipment.
- If you experience any difficulties installing this digital option please contact Focusrite technical support at [tech@focusrite.com](mailto:tech@focusrite.com)

[www.focusrite.com](http://www.focusrite.com)