

## M-DL-GACE fitting note

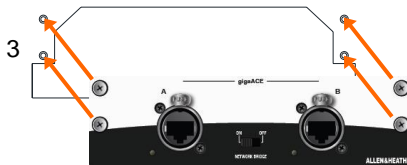
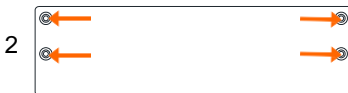
M-DL-GACE is one of several audio networking options that can be fitted to an Allen & Heath dLive I/O Port. It provides a 128x128ch 96kHz gigaACE point-to-point link to another dLive mixing system.

gigaACE is a proprietary Allen & Heath protocol for transporting Audio and Control over Ethernet, using standard CAT cables. It allows very low latency, cable redundancy and can tunnel TCP/IP network control over the same connection.

- ① Use touring grade CAT5e (or higher specification) cables up to 100m long.
- ① M-DL-GACE requires dLive firmware V1.3 or higher.

### Fitting the card

1. Switch the system off.
2. Remove the 4 screws securing the I/O Port blank panel on the dLive MixRack or Surface.
3. Slide the card into the slot and press it firmly into the mating connector.
4. Secure the card by tightening the 4 captivated thumb screws.



### Setting clock and patching signals

Use the dLive I/O screen to patch signals from or to the I/O Ports.

Use the **MixRack / Audio / Audio Sync** screen to select the clock source. Set this to Internal on the master system, or to the relevant I/O Port on all other networked (clock slave) systems.

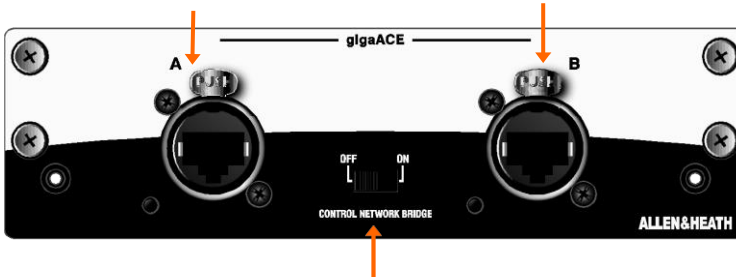
## Front panel

### **gigaACE port A**

Connect to the gigaACE port on the other device. The Link Status LED flashes yellow to indicate network activity, or lights red when a connection or data error is detected.

### **gigaACE port B**

Optional redundant backup connection.



### **Control Network Bridge**

Links the dLive control Network to gigaACE so that dLive control data and third party Ethernet data is tunnelled over the gigaACE connection. For example, switch this On in a digital split setup so that the same laptop running Director can control either the FoH or Monitors system.

- ⓘ Before you enable the Control Network Bridge, make sure all devices on the network have unique, compatible IP addresses within the same subnet.