

# SQ Waves Option Card

M-SQ-WAVES3 is one of several audio networking options that can be fitted to an Allen & Heath SQ mixer. It provides a 64x64ch 48/96kHz interface to the Waves SoundGrid networking and processing platform.

## Fitting the card

1. Switch the system off.
2. Use a Torx T8 driver to remove the 2 screws securing the I/O Port blank panel to the SQ mixer.
3. Slide the card into the slot and press it firmly into the mating connector.
4. Refit the 2 screws to secure the card.

## Software and firmware

Go to the Waves website to learn more about Waves for the Allen & Heath platform:


<http://www.waves.com/live-sound/allen-heath>

Download further documentation, follow the instructions, set up the hardware and install the card driver and software:

<http://www.waves.com/downloads/allen-heath>

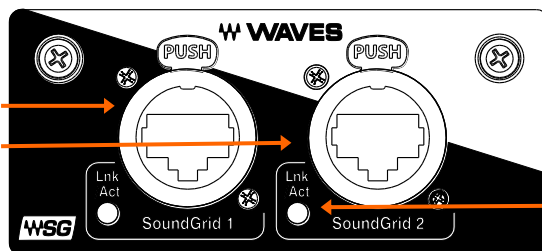
Download and install the latest version of SQ firmware:

<http://www.allen-heath.com/sq-software>

 M-SQ-WAVES3 requires SQ firmware V1.3 or higher.

## Front panel

**SoundGrid ports**  
A built-in Gigabit switch with 2 locking EtherCon ports for connecting up to two devices directly



**Link Status**  
Flashes to indicate network activity

## Setting clock and patching signals

Use the SQ **I/O** screen to patch signals to or from the I/O Port.

Use the **Setup / Audio / Audio Sync** screen to select the clock source for the mixer. Typically, this is set to Internal, unless the mixer is syncing from the Waves card (clock slave), for example in a digital split setup.

- ① For more information on SQ setup and functions please refer to the SQ Firmware Reference Guide available for download at [www.allen-heath.com](http://www.allen-heath.com).

Use the **Waves SoundGrid Studio** application to patch SoundGrid signals to/from other devices or the SG Driver, and to configure the sample rate and clock settings for the card.

- ① If you set the mixer clock to Internal, set the card clock to **Digital**. In a slave system, if you set the mixer to Sync from the I/O Port, set the card clock to **Ethernet**.

A limited one year manufacturer's warranty applies to this product, the conditions of which can be found at: [www.allen-heath.com/legal](http://www.allen-heath.com/legal).



This product complies with the European Electromagnetic Compatibility directive 2014/30/EU and the European Low Voltage directive 2014/35/EU.

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