

Powering On

- i. Connect power lead (27).
- ii. Connect input sources using (20), (21) and (22).
- iii. Connect outputs (23) and (24) to amplifiers, speakers or line level inputs on other equipment.
- iv. If required, connect digital I/O such as AudioRacks or Computers using (24), (27), (28) and (30).
- v. If you are using a footswitch, connect this (26).
- vi. Switch on the SQ using the push switch (27).
- vii. Power on any connected amplifiers or powered speakers.

Setup



To reset all mix, parameter and routing settings go to the 'Scenes' screen (1), then press and hold the 'Reset Mix Settings' button. This will 'zero' the desk without deleting saved scenes or libraries.



To check or alter patching, go to the 'I/O' screen (1) and use the matrix to patch from Local/Digital Inputs to SQ input channels, and to patch SQ outputs [LR/Mix/Group/Matrix/DirectOut] to Local/Digital Outputs.

Workflow



Press a blue 'LR', 'Mix' or 'FX' Key to present send levels for the selected Mix on the 24 Fader Strips. Use the Layer Keys (2) to move through the 6 layers of faders and adjust individual levels. The Master strip (7) controls the master send level of the selected Mix/FX.



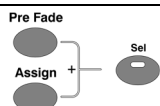
Select a strip by pressing the green 'Sel' Key on a Fader Strip (2) or the Master Strip (7). The physical controls (4), (5) and (6) can now be used to adjust parameters for the selected strip.



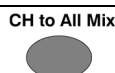
Go to the 'Processing' screen to see an overview of the processing for the selected strip. Tap on any part of the processing to see a detailed view, then touch a parameter on-screen and use the touch screen encoder (1) to adjust.



Mute Keys are illuminated when a strip is muted. By default, PAFL (Pre/After Fade Listen) Keys allow you to route one channel at a time to the PAFL bus/Phones output. PAFL settings can be changed in the 'Setup' screen.



Mix sends set to 'Post Fade' follow the LR send levels. To toggle channels between 'Pre Fade' and 'Post Fade' for the selected Mix, hold the 'Pre Fade' Key and use 'Sel' Keys. To assign or un-assign a strip from the currently selected mix, hold the 'Assign' Key and use 'Sel' Keys.



Pressing and holding the 'CH to All Mix' Key will display the send levels for the currently selected strip across the main fader strips.



Press the 'FX' Key to see and adjust FX engines. Use the 'Library' Key (17) to recall FX types and presets - change parameters by selecting on-screen and using the touch screen encoder. FX busses 1 to 4 (8) send to FX engines 1 to 4 by default. FX Return channels can be routed to Mixes in the same way as stereo input channels.



Hold the 'Copy' Key and press an 'In' Key (4) (5), a 'Sel' Key (2) (7), or on-screen processing to copy it. Hold the 'Paste' Key and press a 'Sel' Key (2) (7) to paste the copied processing to another channel. Hold the 'Reset' Key and press an 'In' Key (4) (5), a 'Sel' Key (2) (7), or on-screen to reset parameters.

Storing and Recalling



A 'Scene' is used to store or recall a mix. A 'Show' comprises multiple scenes and all settings. Press the 'Scenes' Key to access the list of scenes in the current show. Use a combination of scene filters and 'Saves' to decide which settings/parameters/strips are affected when a scene is recalled.

Powering Off

- i. Power off any connected amplifiers or powered speakers.
- ii. Navigate to the 'Home' screen and select 'Shut Down'
- iii. Switch off the unit using the push switch (27).

Connections

Balanced mono/stereo inputs	Mic or line level	XLR	1=Gnd, 2= +, 3= -
ST1 and ST2 Inputs	Line level	¼" TRS Jack	Tip= +, Ring= -, Sleeve=Gnd
ST3 Input	Line level	3.5mm Jack	Tip=Left, Ring=Right, Sleeve=Gnd
Balanced XLR Outputs	Line level	XLR	1=Gnd, 2= +, 3= -
Balanced Jack Outputs	Line level	¼" TRS Jack	Tip= +, Ring= -, Sleeve=Gnd
SLink	RJ45/EtherCON. Use Cat5e or higher. Refer to individual expansion unit instructions.		
AES Stereo Digital Output	Digital	XLR	Use 110Ω AES Cable
Rear USB Connection	USB-B, Conforms to USB 2.0 standard		
Network Connection	RJ45, Use Cat5e or higher		
Footswitch	¼" TRS (dual) or TS (mono) Jack		

Further Information and Support

There are many support resources available through our website including user guides, knowledgebase articles and access to the Allen & Heath Digital Community.

For local language support, please contact the Allen & Heath distributor for your region.

Limited One Year Manufacturer's Warranty

Allen & Heath warrants the Allen & Heath -branded hardware product and accessories contained in the original packaging ("Allen & Heath Product") against defects in materials and workmanship when used in accordance with Allen & Heath's user manuals, technical specifications and other Allen & Heath product published guidelines for a period of ONE (1) YEAR from the date of original purchase by the end-user purchaser ("Warranty Period").

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Repair or replacement under the terms of the warranty does not provide right to extension or renewal of the warranty period. Repair or direct replacement of the product under the terms of this warranty may be fulfilled with functionally equivalent service exchange units.

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DISCLAIMER: Allen & Heath shall not be liable for the loss of any saved/stored data in products that are either repaired or replaced.

Check with your Allen & Heath distributor or agent for any additional warranty information which may apply. If further assistance is required please contact Allen & Heath Ltd.

Any changes or modifications to the equipment not approved by Allen & Heath could void the compliance of the product and therefore the user's authority to operate it.



SQ Series products comply with the European Electromagnetic Compatibility directive 2014/30/EU and the European Low Voltage directive 2014/35/EU.

Any changes or modifications to the product not approved by Allen & Heath could void the compliance of the product and therefore the user's authority to operate it.

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