

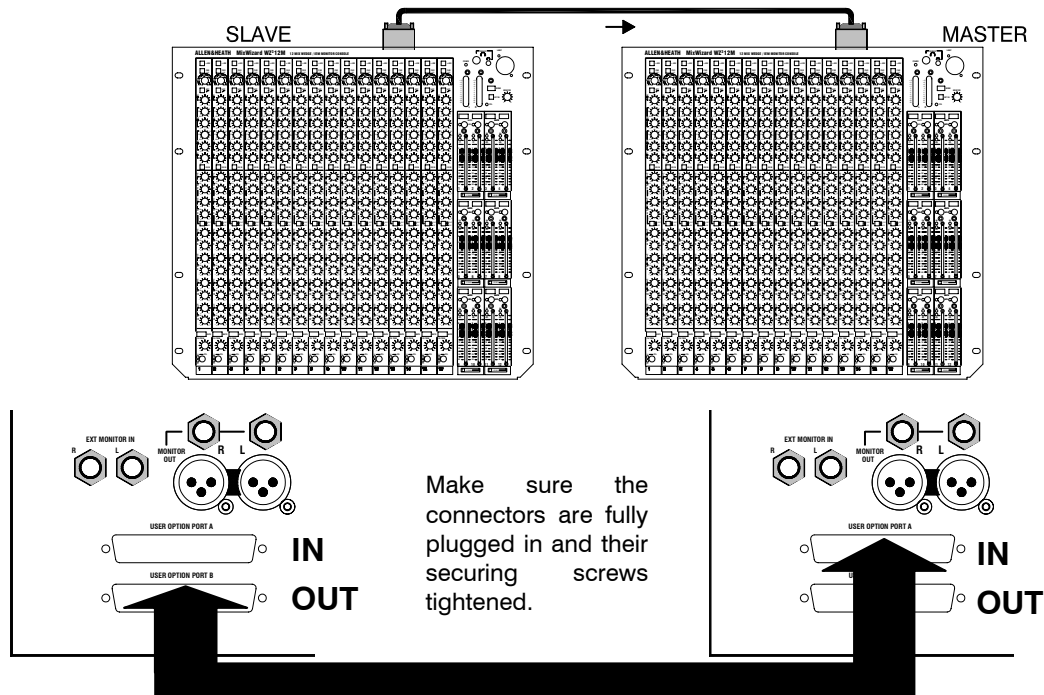
**Applications Note**

**SYS-LINK explained**

SYS-LINK (system link) is the Allen & Heath connection standard for linking two consoles together with a single cable to expand the number of input channels feeding the mixes. One becomes the 'slave' to the other 'master' console. All the slave console mix buses connect directly to the master console mix buses without using up input channels. The PFL/AFL system is also linked so that all channels can be monitored using the master console headphones and meters. The slave console master section is not used as its signals are taken before the mix inserts and output faders. Both consoles must have the SYS-LINK option fitted. OPTION KIT W3MON-SLV2 Refer to Fitting Instructions AP7009.

**Linking two WZ<sup>3</sup>12MON consoles**

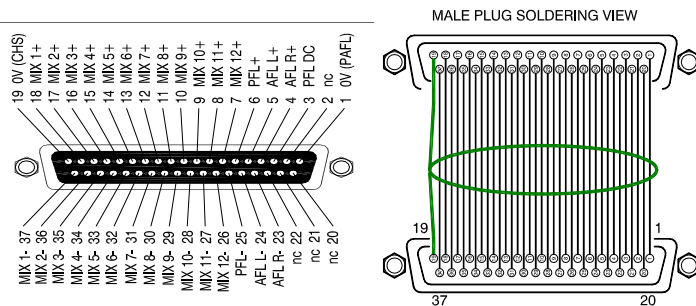
Provides a 32 channel monitor mix system with two consoles linked using a single multiway cable.



**Connections**

Buy or make a 37way male to male D-type cable. Use 36-core shielded cable with the 36 connections wired one to one and the screen soldered to pin 19. Maximum recommended length is 10 metres.

A suitable cable is available from Allen & Heath:  
 Part number AH4131  
 37way 2.8 meters



To connect other audio equipment using SYS-LINK always ensure unused audio inputs are linked to 0V ground at the input connector. This is to prevent interference pickup on un-terminated high impedance inputs. Do not link unused outputs to ground. Connect line level signals of -2dBu. Use balanced connections where possible. For unbalanced signals link signal '-' to 0V. To activate PFL/AFL link PFL DC to 0V through a 15k ohm resistor (37 way Pins 3 and 1).

If you require further information or advice please contact Allen & Heath technical support.