CONNECTING A CLOUD AE-1 or DM-1 TO a Z4/8 mk3 and mk4

The only differences between the Z4/8II and the Z4/8 mk3 and mk4 facility port are:-

- The connector has changed from a 9 pin D to an RJ45.
- The connection for noise gate is no longer there. The older model mixers had the detector for the noise gate built into the remote plates; the mk3s have the detector in the mixer. With the AE-1/ DM-1 pin 2 "noise gate" is no longer required.

Connections at the Mixer

PIN	USE	Cat 5 CORE*
1	Audio 'cold' phase (-)	White + Orange
2	Audio 'hot' phase (+)	Orange
3	Priority VCA control	White + Green
4	+ 15V	Blue
5	0V	White + Blue
6	-15V	Green
7	Music level control (0 to 10V)	White + Brown
8	Music source select control (0 to 10V)	Brown
SCN	Screen for system music controls	Connector shell

Connections at the AE-1

DM-1 Pin	USE	CAT 5 CORE
1	PRIORITY	WHITE + GREEN
2	NOISE GATE	NOT USED
3	LOGIC 0V	CONNECTOR SHELL
4	+15V	BLUE
5	-15V	GREEN
6	AUDIO 0V	WHITE + BLUE
7	AUDIO COLD	WHITE + ORANGE
8	AUDIO HOT	ORANGE

Connections at the DM-1

DM-1 Pin	USE	CAT 5 CORE
1	PRIORITY	WHITE + GREEN
2	NOISE GATE	NOT USED
3	LOGIC 0V	CONNECTOR SHELL
4	AUDIO 0V	WHITE + BLUE
5	AUDIO HOT	ORANGE
6	AUDIO COLD	WHITE + ORANGE
7	-15V	GREEN
8	+15V	BLUE
9	LINK AUDIO COLD	NOT USED
10	LINK AUDIO HOT	NOT USED