



TECHNICAL BULLETIN

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SD SERIES MIXERS

GPO / RELAY OUTPUTS, GPI INPUTS CONNECTIONS

By Funct'n				By Pin		
GPO	GPI	PIN		PIN	GPO	GPI
01+	01+	2		1	NC	NC
02+	02+	3		2	01+	01+
03+	03+	4		3	02+	02+
04+	04+	5		4	03+	03+
05+	05+	6		5	04+	04+
06+	06+	7		6	05+	05+
07+	07+	8		7	06+	06+
08+	08+	9		8	07+	07+
09+	09+	10		9	08+	08+
10+	10+	11		10	09+	09+
11+	11+	12		11	10+	10+
12+	12+	13		12	11+	11+
13+	13+	14		13	12+	12+
14+	14+	15		14	13+	13+
15+	15+	16		15	14+	14+
16+	16+	17		16	15+	15+
01-	GND	20		17	16+	16+
02-	GND	21		18	5V	5V
03-	GND	22		19	0V	0V
04-	GND	23		20	01-	GND
05-	GND	24		21	02-	GND
06-	GND	25		22	03-	GND
07-	GND	26		23	04-	GND
08-	GND	27		24	05-	GND
09-	GND	28		25	06-	GND
10-	GND	29		26	07-	GND
11-	GND	30		27	08-	GND
12-	GND	31		28	09-	GND
13-	GND	32		29	10-	GND
14-	GND	33		30	11-	GND
15-	GND	34		31	12-	GND
16-	GND	35		32	13-	GND
0V	0V	19		33	14-	GND
0V	0V	37		34	15-	GND
5V	5V	18		35	16-	GND
5V	5V	36		36	5V	5V
NC	NC	1		37	0V	0V

Connection Notes

GPO Relay outputs are SPST make connects. These are floating on connections + and - .

Contact are rated 0.5A 100V dc (max 10W)

GPI inputs are logic (non isolated) requiring a make to 0V (earth). These have internal pull-up 22K to +5V and 4K7 series resistance. A simple single pole switch or relay (make to 0V) will trigger the input.

The +5V present is fused internally for logic level use only.

Refer to mixer user manual for operation of GPO and GPI functions in software.