







24 April 2013

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A4 in Brief

The A4 audio switch series offers a comprehensive range of selector switches, as well as series and ladder type attenuators.

These high performance audio switches incorporate a PCB based switch contact system that is specifically designed to meet audiophile requirements for superb sonic performance.

All switches feature Elma's hallmark indexing feel for superior tactile feedback.





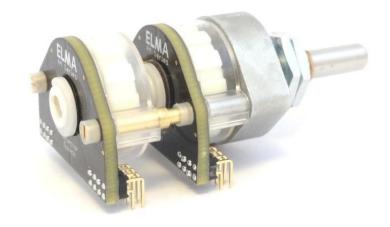




Selector Switches

The selector switches are available in horizontal or vertical orientation, and feature switch torques from 1.5 to 15 Ncm and are available in up to 8 wafer versions.

The switch functionalities range from 1 pole x 24 positions to 4 x 6 per wafer at 15 degrees indexing with shorting contacts, or from 1 x 12 to 4 x 3 per wafer at 30 degree indexing with shorting or non-shorting contacts. All switches feature selectable end-stops.







Series and Ladder Type Attenuators

The series and ladder type attenuators feature switch torques from 1.5 to 15 Ncm and are available either populated with low-noise, high precision SMT resistors (standard input impedances are 10k, 25k, 50k or 100k), or non-populated THT versions which can be populated by the customer.

The series type attenuators are available from 1 to 8 channels and the ladder types are available up to 4 channels.

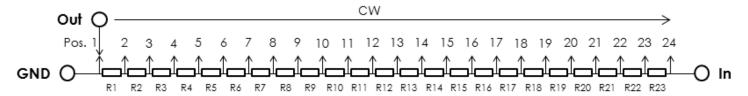




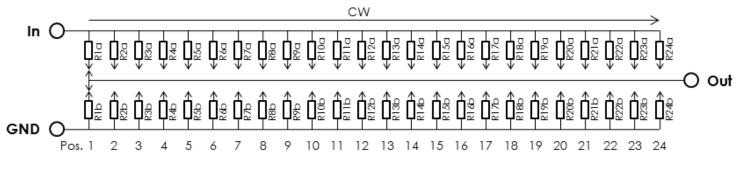
Attenuators; dB Levels and Circuitries

Switch Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Attenuation [dB]	Off	-62	-53	-46	-41	-37	-34	-32	-30	-28	-26	-24	-22	-20	-18	-16	-14	-12	-10	-8	-6	-4	-2	0
Step size [dB]		(9 7	7 5	5 4	4 (3 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2	2 2	2 2	2 2	2

Series Type Circuitry:

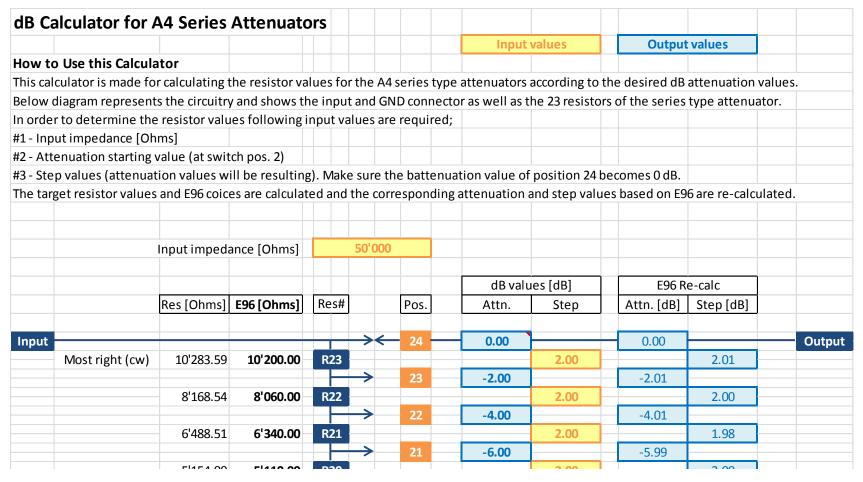


Ladder Type Circuitry:





Attenuators; Excel Resistor Calculator





Markets & Applications



High-End Audio



Pro Audio





Availability

Samples

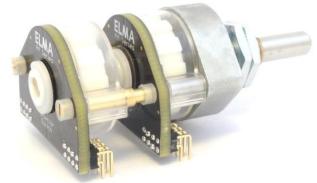
Some types are available within 1 week.

Budgetary Pricing

Please contact your local sales representative

Lead times

Stock to approximately 4 weeks.







Thank You