Specs	VCAs/Distortion U			Utilities		Sequencing			Logic				Filters	
Dimensions	2xVCX	3xVCA	Optodist /	Ampmix	Penta	VC Seq	trig xpnd	(N)OR	X(N)OR	(N)AND	Paths	Aperture	Altered States	Special Airtenuator
Height: Vidth: Depth:		3U (128.5mm) 4HP (20mm) 51mm (with power cable attached)	6HP (30mm) 31mm (with power cable	3U (128.5mm) 8HP (40.30mm) 35mm (with power cable attached)	4HP (20mm)	3U (128.5mm) 10HP (50.50mm) 42mm (with power cable attached)	3U (128.5mm) 4HP (20mm) 45mm (with cable attached)	3U (128.5mm) 4HP (20mm) 45mm (with cable attached)	4HP (20mm)	4HP (20mm) 45mm (with cable	3U (128.5mm) 8HP (40.30mm) 46mm (with cable attached)	8HP (40.30mm)	3U (128.5mm) 20HP (101.30mm) 45mm (with cable attached)	Length: 58mm Width: 16mm Floating
eight:	125g (approx w/cable)	35g (approx w/cable)	50g (approx w/cable)	110g (approx w/cable)	40g (approx w/cable)	125g (approx w/cable)	35g (approx w/cable)	35g (approx w/cable)	35g (approx w/cable)	35g (approx w/cable)	110g (approx w/cable) 125g (approx w/cable)	365g (approx w/cable	e)7g (approx)
irrent consumption														
12V rail: 12V rail: 5V rail:	34mA 32mA no +5V supply required		<pre>min 13mA to max 16mA min 13mA to max 16mA no +5V supply required (There are small power variations between different vactrol and LED varieties. The option requiring least power is SR3 optocoupler paired with green limiter LEDs).</pre>		d 6mA 1mA no +5V supply required	22mA 11mA no +5V supply required	12mA OmA no +5V supply required	28mA @ 10V input signal OmA no +5V supply required (14mA @ 5V input signal)	OmA	OmA no +5V supply required	8mA	Min 35mA to max 50mA Min 45mA to max 75mA no +5V supply required (Minimum with no self oscillation, maximum with self oscillation at high pitch)	106mA no +5V supply required	0.2mA OmA no +5V supply required @ 10V signal +/-2 from the output j
sic specifications														
	DC to 50+kHz	DC to 50+kHz	DC to 50+kHz	DC to 50+kHz	DC to 100?+kHz	DC to 100+kHz	DC to 100+kHz	?	?	?	DC to 50+kHz	DC to 50+kHz	DC to 50+kHz	DC to 50+kHz
ax input/output signal:	20Vpp	20Vpp	20Vpp	20Vpp	n/a	0 to +10V in/-5V to +5V out	0 to +5V/0 to +8V	20Vpp	20Vpp	20Vpp	20Vpp	10Vpp	20Vpp	20Vpp
V input range:	0 to +10V	<pre>(calibrate to preference) 0V to +10Vmax</pre>	(calibrate to preference) 0V to +10V max	n/a	0 to +10V	0 to +10V	n/a	n/a	n/a	n/a	-10V to +10V	-10V to +10V	-10V to +10V	-10V to +10V
x gain:	1.0x			max 16x gain (24dB) 2.0x (6dB) x 4 chan	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
minal impedances														
udio/Signal input: udio/Signal output:	100k ohm 1k ohm	100k ohm 1k ohm	100k ohm 1k ohm	22k ohm in loop compensated	100k ohm in loop compensated	100k ohm in loop compensated	n/a 1k ohm	100k ohm 1k ohm	100k ohm 1k ohm	100k ohm 1k ohm	430 ohm 430 ohm	100k ohm 1k ohm	100k ohm 1k ohm	50k +/-20% (variable impedan
/ input:	100k ohm	100k ohm	100k ohm	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22k ohm	100k ohm	200k ohm	if used backwards